Hrvatski zavod za norme

Oglasnik za normativne dokumente

2/2016 travanj, 2016.

Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrta hrvatskih norma, prijedloga za prihvaćanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrte 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

Sadržaj:

1 Rezultati hrvatske normizacije
1.1 Hrvatske norme..... A3
1.2 Nacrti hrvatskih norma..... A44
1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku..... A45
1.4 Povučene hrvatske norme..... A81
1.5 Povučeni nacrti hrvatskih norma.....
1.6 Ispravci hrvatskih norma..... A123
1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku..... A126
1.8 Drugi normativni dokumenti…….....
1.9 Opća izdanja HZN-a……..
1.10 Prijevodi hrvatskih normativnih dokumenata.....A126

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju..... A127

3 Popis radnih dokumenata Codex Alimentariusa

4 Obavijesti HZN-a
4.1 Cjenik hrvatskih norma

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 8, *Brodogradnja*

HRN ISO 5488:2016 enpr
Brodovi i pomorska tehnologija – Ljestve u prostoru nastambi (ISO 5488:2015)
Ships and marine technology – Accommodation ladders (ISO 5488:2015)

HRN ISO 7061:2016 enpr
Brodovi i pomorska tehnologija – Aluminijski mostić ili siz za pomorska plovila (ISO 7061:2015)
Ships and marine technology – Aluminium shore gangways for seagoing vessels (ISO 7061:2015)

HRN EN ISO 11592-1:2016 en pr
Mala plovila – Određivanje najveće porivne snage pri manevarskoj brzini – 1. dio: Plovila duljine trupa manje od 8 m (ISO 11592-1:2016; EN ISO 11592-1:2016)
Small craft – Determination of maximum propulsion power rating using manoeuvring speed – Part 1: Craft with a length of hull less than 8 m (ISO 11592-1:2016; EN ISO 11592-1:2016)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 54-28:2016 enpr
Sustavi za otkrivanje i dojavu požara – 28. dio: Linijski detektori topline bez mogućnosti promjene postavne vrijednosti (EN 54-28:2016)
Fire detection and fire alarm system – Part 28: Non-resettable line-type heat detectors (EN 54-28:2016)

HZN/TO 22, *Cestovna vozila*

HRI ISO/TR 8713:2016 hr,en pp
Cestovna vozila na električni pogon – Terminološki rječnik (ISO/TR 8713:2012)
Electrically propelled road vehicles – Vocabulary (ISO/TR 8713:2012)

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

HRN EN ISO 11850:2013/A1:2016 en pr
Šumarska mehanizacija – Opći sigurnosni zahtjevi (ISO 11850:2011/Amd 1:2016; EN ISO 11850:2011/A1:2016)
Machinery for forestry – General safety requirements (ISO 11850:2011/Amd 1:2016; EN ISO 11850:2011/A1:2016)

HZN/TO 25, *Ljevarstvo*

HRN EN ISO 11970:2016 en pr
Specifikacija i kvalifikacija zavarivačkih postupaka za proizvodno zavarivanje čeličnih odljevaka (ISO 11970:2016; EN ISO 11970:2016)
Specification and qualification of welding procedures for production welding of steel castings (ISO 11970:2016; EN ISO 11970:2016)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 12156-1:2016 en pr
Dizelsko gorivo – Ocjenjivanje mazivosti uporabom vibracijskog uređaja visoke frekvencije (HFRR) – 1. dio: Ispitna metoda (ISO 12156-1:2016; EN ISO 12156-1:2016)
Diesel fuel – Assessment of lubricity using the high-frequency reciprocating rig (HFRR) – Part 1: Test method (ISO 12156-1:2016; EN ISO 12156-1:2016)

HRN EN 12916:2016 en pr
Naftni proizvodi – Određivanje tipova aromatskih ugljikovodika u srednjim destilatima – Metoda tekućinske kromatografije visokog učinka s detektorom indeksa loma (EN 12916:2016)
Petroleum products – Determination of aromatic hydrocarbon types in middle distillates – High performance liquid chromatography method with refractive index detection (EN 12916:2016)

HZN/TO 34/PO 4, *Poljoprivredni i prehrambeni proizvodi; Žito i proizvodi od žita*

HRN ISO 22004:2016 en pr
Sustavi upravljanja sigurnošću hrane – Upute za primjenu norme ISO 22000 (ISO 22004:2014)
Food safety management systems – Guidance on the application of ISO 22000 (ISO 22004:2014)

HZN/TO 34/PO 10, *Poljoprivredni i prehrambeni proizvodi; Senzorske analize*

HRN EN ISO 5495:2008/A1:2016 en pr
Senzorske analize – Metodologija – Test uspoređenja parova (ISO 5495:2005/Amd 1:2016; EN ISO 5495:2007/A1:2016)
Sensory analysis – Methodology – Paired comparison test (ISO 5495:2005/Amd 1:2016; EN ISO 5495:2007/A1:2016)

HZN/TO 35, *Boje i lakovi*

HRN EN ISO 2811-1:2016 en pr
Boje i lakovi – Određivanje gustoće – 1. dio: Metoda s piknometrom (ISO 2811-1:2016; EN ISO 2811-1:2016)
Paints and varnishes – Determination of density – Part 1: Pycnometer method (ISO 2811-1:2016; EN ISO 2811-1:2016)

HRN EN ISO 4628-1:2016 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 1. dio: Opći uvod i sustav označivanja (ISO 4628-1:2016; EN ISO 4628-1:2016)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 1: General introduction and designation system (ISO 4628-1:2016; EN ISO 4628-1:2016)

HRN EN ISO 4628-2:2016 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 2. dio: Ocjena stupnja mjehuranja (ISO 4628-2:2016; EN ISO 4628-2:2016)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2: Assessment of degree of blistering (ISO 4628-2:2016; EN ISO 4628-2:2016)

HRN EN ISO 4628-3:2016 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 3. dio: Ocjena stupnja hrđanja (ISO 4628-3:2016; EN ISO 4628-3:2016)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting (ISO 4628-3:2016; EN ISO 4628-3:2016)

HRN EN ISO 4628-4:2016 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 4. dio: Ocjena stupnja raspucavanja (ISO 4628-4:2016; EN ISO 4628-4:2016)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 4: Assessment of degree of cracking (ISO 4628-4:2016; EN ISO 4628-4:2016)

HRN EN ISO 4628-5:2016 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 5. dio: Ocjena stupnja ljuštenja (ISO 4628-5:2016; EN ISO 4628-5:2016)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking (ISO 4628-5:2016; EN ISO 4628-5:2016)

HRN EN ISO 4628-7:2016 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 7. dio: Ocjena stupnja kredanja primjenom baršunaste tkanine (ISO 4628-7:2016; EN ISO 4628-7:2016)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 7: Assessment of degree of chalking by velvet method (ISO 4628-7:2016; EN ISO 4628-7:2016)

HRN EN ISO 4628-10:2016 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 10. dio: Ocjena stupnja nitaste korozije (ISO 4628-10:2016; EN ISO 4628-10:2016)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 10: Assessment of degree of filiform corrosion (ISO 4628-10:2016; EN ISO 4628-10:2016)

HZN/TO 43, *Akustika*

HRN EN ISO 389-3:2016 en pr
Akustika – Referentna razina za umjeravanje audiometara – 3. dio: Referentne razine ekvivalentnoga praga sile za čiste tonove i koštane vibratore (ISO 389-3:2016; EN ISO 389-3:2016)
Acoustics – Reference zero for the calibration of audiometric equipment – Part 3: Reference equivalent threshold vibratory force levels for pure tones and bone vibrators (ISO 389-3:2016; EN ISO 389-3:2016)

HRN EN ISO 6926:2016 en pr
Akustika – Zahtjevi za svojstva i umjeravanje referentnih izvora zvuka za određivanje razina zvučne snage (ISO 6926:2016; EN ISO 6926:2016)
Acoustics – Requirements for the performance and calibration of reference sound sources used for the determination of sound power levels (ISO 6926:2016; EN ISO 6926:2016)

HRN EN ISO 16283-3:2016 en pr
Akustika – Terensko mjerenje zvučne izolacije zgrada i građevnih dijelova zgrade – 3. dio: Zvučna izolacija fasada (ISO 16283-3:2016; EN ISO 16283-3:2016)
Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 3: Facade sound insulation (ISO 16283-3:2016; EN ISO 16283-3:2016)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 669:2016 en pr
Elektrootporno zavarivanje – Oprema za elektrootporno zavarivanje – Mehanički i električni zahtjevi (ISO 669:2016; EN ISO 669:2016)
Resistance welding – Resistance welding equipment – Mechanical and electrical requirements (ISO 669:2016; EN ISO 669:2016)

HRN EN ISO 8430-1:2016 en pr
Elektrootporno točkasto zavarivanje – Držači elektroda – 1. dio: Učvršćenje konusom 1:10 (ISO 8430-1:2016; EN ISO 8430-1:2016)
Resistance spot welding – Electrode holders – Part 1: Taper fixing 1:10 (ISO 8430-1:2016; EN ISO 8430-1:2016)

HRN EN ISO 8430-2:2016 en pr
Elektrootporno točkasto zavarivanje – Držači elektroda – 2. dio: Učvršćenje Morseovim konusom (ISO 8430-2:2016; EN ISO 8430-2:2016)
Resistance spot welding – Electrode holders – Part 2: Morse taper fixing (ISO 8430-2:2016; EN ISO 8430-2:2016)

HRN EN ISO 8430-3:2016 en pr
Elektrootporno točkasto zavarivanje – Držači elektroda – 3. dio: Cilindrično učvršćenje za opterećenje u smjeru osi (ISO 8430-3:2016; EN ISO 8430-3:2016)
Resistance spot welding – Electrode holders – Part 3: Parallel shank fixing for end thrust (ISO 8430-3:2016; EN ISO 8430-3:2016)

HRN EN ISO 9015-2:2016 en pr
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Ispitivanje tvrdoće – 2. dio: Ispitivanje mikrotvrdoće zavarenih spojeva (ISO 9015-2:2016; EN ISO 9015-2:2016)
Destructive tests on welds in metallic materials – Hardness testing – Part 2: Microhardness testing of welded joints (ISO 9015-2:2016; EN ISO 9015-2:2016)

HRN EN ISO 9454-1:2016 en pr
Talila za meko lemljenje – Razredba i zahtjevi – 1. dio: Razredba, obilježavanje i pakiranje (ISO 9454-1:2016; EN ISO 9454-1:2016)
Soft soldering fluxes – Classification and requirements – Part 1: Classification, labelling and packaging (ISO 9454-1:2016; EN ISO 9454-1:2016)

HRN EN ISO 14270:2016 en pr
Elektrootporno zavarivanje – Razorno ispitivanje zavarenih spojeva – Dimenzije uzoraka i postupak mehaniziranog ispitivanja ljuštenjem točkastih, šavnih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO 14270:2016; EN ISO 14270:2016)
Resistance welding – Destructive testing of welds – Specimen dimensions and procedure for mechanized peel testing resistance spot, seam and embossed projection welds (ISO 14270:2016; EN ISO 14270:2016)

HRN EN ISO 14272:2016 en pr
Elektrootporno zavarivanje – Razorno ispitivanje zavarenih spojeva – Dimenzije uzoraka i postupak poprečnog vlačnog ispitivanja točkastih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO 14272:2016; EN ISO 14272:2016)
Resistance welding – Destructive testing of welds – Specimen dimensions and procedure for cross tension testing of resistance spot and embossed projection welds (ISO 14272:2016; EN ISO 14272:2016)

HRN EN ISO 14273:2016 en pr
Elektrootporno zavarivanje – Razorno ispitivanje zavarenih spojeva – Dimenzije uzoraka i postupak smičnog ispitivanja točkastih, šavnih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO 14273:2016; EN ISO 14273:2016)
Resistance welding – Destructive testing of welds – Specimen dimensions and procedure for tensile shear testing resistance spot, seam and embossed projection welds (ISO 14273:2016; EN ISO 14273:2016)

HRN EN ISO 17662:2016 en pr
Zavarivanje – Umjeravanje, provjera i vrednovanje opreme za zavarivanje uključujući pomoćne aktivnosti (ISO 17662:2016; EN ISO 17662:2016)
Welding – Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO 17662:2016; EN ISO 17662:2016)

HRS CEN ISO/TS 18166:2016 en pr
Numerička simulacija zavarivanja – Izvedba i dokumentacija (ISO/TS 18166:2016; CEN ISO/TS 18166:2016)
Numerical welding simulation – Execution and documentation (ISO/TS 18166:2016; CEN ISO/TS 18166:2016)

HRN EN ISO 18278-2:2016 en pr
Elektrootporno zavarivanje – Zavarljivost – 2. dio: Postupci ocjenjivanja zavarljivosti za točkasto zavarivanje (ISO 18278-2:2016; EN ISO 18278-2:2016)
Resistance welding – Weldability – Part 2: Evaluation procedures for weldability in spot welding (ISO 18278-2:2016; EN ISO 18278-2:2016)

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

HRN ISO 11799:2016 en pr
Informacije i dokumentacija – Zahtjevi za pohranu dokumenata arhivske i knjižnične građe (ISO 11799:2015)
Information and documentation – Document storage requirements for archive and library materials (ISO 11799:2015)

HZN/TO 47, *Kemija*

HRN EN ISO 4796-1:2016 en pr
Laboratorijsko stakleno posuđe – Boce – 1. dio: Boce s navojem (ISO 4796-1:2016; EN ISO 4796-1:2016)
Laboratory glassware – Bottles – Part 1: Screw-neck bottles (ISO 4796-1:2016; EN ISO 4796-1:2016)

HRN EN ISO 16496:2016 en pr
Laboratorijsko stakleno posuđe – Vakumski duplikatori za toplinsku izolaciju (ISO 16496:2016; EN ISO 16496:2016)
Laboratory glassware – Vacuum-jacketed vessels for heat insulation (ISO 16496:2016; EN ISO 16496:2016)

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

HRN EN 14825:2016 en pr
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline s kompresorima na električni pogon za grijanje i hlađenje prostora – Ispitivanje i mjerenje učinka pri uvjetima djelomičnog opterećenja i proračun sezonskih značajka (EN 14825:2016)
Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling – Testing and rating at part load conditions and calculation of seasonal performance (EN 14825:2016)

HZN/TO 89, *Furniri i drvne ploče*

HRN EN ISO 12460-4:2016 en pr
Ploče na osnovi drva – Određivanje količine oslobođenog formaldehida – 4. dio: Desikatorska metoda (ISO 12460-4:2016; EN ISO 12460-4:2016)
Wood-based panels – Determination of formaldehyde release – Part 4: Desiccator method (ISO 12460-4:2016; EN ISO 12460-4:2016)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 2417:2016 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje statičkog upijanja vode (ISO 2417:2016; EN ISO 2417:2016)
Leather – Physical and mechanical tests – Determination of the static absorption of water (ISO 2417:2016; EN ISO 2417:2016)

HRN EN ISO 2589:2016 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje debljine (ISO 2589:2016; EN ISO 2589:2016)
Leather – Physical and mechanical tests – Determination of thickness (ISO 2589:2016; EN ISO 2589:2016)

HRN EN ISO 3377-2:2016 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje čvrstoće daljnjeg kidanja – 2. dio: Dvostrani zarez (ISO 3377-2:2016; EN ISO 3377-2:2016)
Leather – Physical and mechanical tests – Determination of tear load – Part 2: Double edge tear (ISO 3377-2:2016; EN ISO 3377-2:2016)

HRN EN ISO 17229:2016 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje apsorpcije vodene pare (ISO 17229:2016; EN ISO 17229:2016)
Leather – Physical and mechanical tests – Determination of water vapour absorption (ISO 17229:2016; EN ISO 17229:2016)

HRN EN ISO 17236:2016 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje istezanja nakon opterećenja (ISO 17236:2016; EN ISO 17236:2016)
Leather – Physical and mechanical tests – Determination of extension set (ISO 17236:2016; EN ISO 17236:2016)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 5360:2016 en pr
Anestetički isparivači – Sustavi punjenja specifični za plin (ISO 5360:2016; EN ISO 5360:2016)
Anaesthetic vaporizers – Agent-specific filling systems (ISO 5360:2016; EN ISO 5360:2016)

HRN EN ISO 7396-1:2016 en pr
Cjevovodni sustavi za medicinske plinove – 1. dio: Cjevovodni sustavi za komprimirane medicinske plinove i vakuum (ISO 7396-1:2016; EN ISO 7396-1:2016)
Medical gas pipeline systems – Part 1: Pipeline systems for compressed medical gases and vacuum (ISO 7396-1:2016; EN ISO 7396-1:2016)

HRN EN ISO 11197:2016 en pr
Medicinski opskrbni uređaji (ISO 11197:2016; EN ISO 11197:2016)
Medical supply units (ISO 11197:2016; EN ISO 11197:2016)

HRN EN ISO 14408:2016 en pr
Trahealne cijevi dizajnirane za lasersku kirurgiju – Zahtjevi za označivanje i prateće informacije (ISO 14408:2016; EN ISO 14408:2016)
Tracheal tubes designed for laser surgery – Requirements for marking and accompanying information (ISO 14408:2016; EN ISO 14408:2016)

HZN/TO 134, *Gnojiva i poboljšivači tla*

HRN EN 16318:2016 en pr
Gnojiva i tvari za kalcifikaciju – Određivanje kroma (VI) upotrebom fotometrije (metoda A) i ionske kromatografije sa spektrofotometrijskim dokazivanjem prisutnosti (metoda B) (EN 16318:2013+A1:2016)
Fertilizers and liming materials – Determination of chromium (VI) by photometry (method A) and by ion chromatography with spectrophotometric detection (method B) (EN 16318:2013+A1:2016)

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN 13018:2016 en pr
Nerazorno ispitivanje – Vizualno ispitivanje – Opća načela (EN 13018:2016)
Non-destructive testing – Visual testing – General principles (EN 13018:2016)

HZN/TO 136, *Namještaj*

HRN EN 597-1:2016 enpr
Namještaj – Procjena zapaljivosti madraca i ojastučene podloge kreveta – 1. dio: Tinjajuća cigareta kao izvor paljenja (EN 597-1:2015)
Furniture – Assessment of the ignitability of mattresses and upholstered bed bases – Part 1: Ignition source smouldering cigarette (EN 597-1:2015)

HRN EN 597-2:2016 enpr
Namještaj – Procjena zapaljivosti madraca i ojastučene podloge kreveta – 2. dio: Plamen istovrijedan plamenu šibice kao izvor paljenja (EN 597-2:2015)
Furniture – Assessment of the ignitability of mattresses and upholstered bed bases – Part 2: Ignition source: match flame equivalent (EN 597-2:2015)

HRN EN 14749:2016 en pr
Namještaj – Kućni i kuhinjski elementi za pohranu i kuhinjske radne ploče – Sigurnosni zahtjevi i metode ispitivanja (EN 14749:2016)
Furniture – Domestic and kitchen storage units and kitchen-worktops – Safety requirements and test methods (EN 14749:2016)

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

HRN EN ISO 9967:2016 en pr
Plastomerne cijevi – Određivanje omjera puzanja (ISO 9967:2016; EN ISO 9967:2016)
Thermoplastics pipes – Determination of creep ratio (ISO 9967:2016; EN ISO 9967:2016)

HRN EN ISO 9969:2016 en pr
Plastomerne cijevi – Određivanje obodne krutosti (ISO 9969:2016; EN ISO 9969:2016)
Thermoplastics pipes – Determination of ring stiffness (ISO 9969:2016; EN ISO 9969:2016)

HRN ISO 10468:2008/A1:2016 en pr
Staklom ojačane duromerne (GRP) cijevi – Određivanje dugotrajne specifične obodne puzne krutosti i proračun faktora puzanja pri vlažnim uvjetima (ISO 10468:2003/Amd 1:2010)
Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the long-term specific ring creep stiffness under wet conditions and calculation of the wet creep factor
(ISO 10468:2003/Amd 1:2010)

HRN ISO 10471:2008/A1:2016 en pr
Staklom ojačane duromerne (GRP) cijevi – Određivanje konačne dugotrajne savojne deformacije i konačnoga dugotrajnog relativnog obodnog progiba pri vlažnim uvjetima
(ISO 10471:2003/Amd 1:2010)
Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the long-term ultimate bending strain and the long-term ultimate relative ring deflection under wet conditions
(ISO 10471:2003/Amd 1:2010)

HZN/TO 146, *Kvaliteta zraka*

HRN ISO 8672:2016 enpr
Kvaliteta zraka – Određivanje brojčane koncentracije lebdećih anorganskih vlakana optičkom mikroskopijom u faznom kontrastu – Metoda membranskog filtra (ISO 8672:2014)
Air quality – Determination of the number concentration of airborne inorganic fibres by phase contrast optical microscopy – Membrane filter method (ISO 8672:2014)

HZN/TO 159, *Ergonomija*

HRN EN ISO 9241-161:2016 en pr
Ergonomija međudjelovanja čovjek-sustav – 161. dio: Smjernice za vizualne elemente korisničkog sučelja (ISO 9241-161:2016; EN ISO 9241-161:2016)
Ergonomics of human-system interaction – Part 161: Guidance on visual user-interface elements
(ISO 9241-161:2016; EN ISO 9241-161:2016)

HRN EN ISO 9241-391:2016 en pr
Ergonomija međudjelovanja čovjek-sustav – 391. dio: Zahtjevi, analize i metode ispitivanja sukladnosti za redukciju fotosenzitivnih epileptičnih napadaja (ISO 9241-391:2016; EN ISO 9241-391:2016)
Ergonomics of Human System Interaction – Part 391: Requirements, analysis and compliance test methods for the reduction of photosensitive seizures (ISO 9241-391:2016; EN ISO 9241-391:2016)

HRN EN 16710-2:2016 en pr
Ergonomija – 2. dio: Metodologija analize rada kao podrška dizajnu (EN 16710-2:2016)
Ergonomics methods – Part 2: A methodology for work analysis to support design (EN 16710-2:2016)

HZN/TO 163, *Toplinska izolacija*

HRN EN ISO 15148:2004/A1:2016 en pr
Značajke građevnih materijala i proizvoda – Određivanje koeficijenta vodoupojnosti pri djelomičnom uranjanju (ISO 15148:2002/Amd 1:2016; EN ISO 15148:2002/A1:2016)
Hygrothermal performance of building materials and products – Determination of water absorption coefficient by partial immersion (ISO 15148:2002/Amd 1:2016; EN ISO 15148:2002/A1:2016)

HZN/TO 165, *Drvene konstrukcije*

HRN EN 1381:2016 en pr
Drvene konstrukcije – Metode ispitivanja – Nosivost skobica (EN 1381:2016)
Timber structures – Test methods – Load bearing stapled joints (EN 1381:2016)

HRN EN 1382:2016 en pr
Drvene konstrukcije – Metode ispitivanja – Nosivost na izvlačenje spajala za drvo (EN 1382:2016)
Timber Structures – Test methods – Withdrawal capacity of timber fasteners (EN 1382:2016)

HRN EN 1383:2016 en pr
Drvene konstrukcije – Metode ispitivanja – Otpornost drva na provlačenje glave spajala (EN 1383:2016)
Timber structures – Test methods – Pull through resistance of timber fasteners (EN 1383:2016)

HRN EN 14081-1:2016 en pr
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 1. dio: Opći zahtjevi (EN 14081-1:2016)
Timber structures – Strength graded structural timber with rectangular cross section – Part 1: General requirements (EN 14081-1:2016)

HZN/TO 172, *Optika i optički instrumenti*

HRN EN ISO 10322-1:2016 en pr
Oftalmološka optika – Poluobrađene sirove naočalne leće – 1. dio: Specifikacija za jednojakosne i višežarišne sirove leće (ISO 10322-1:2016; EN ISO 10322-1:2016)
Ophthalmic optics – Semi-finished spectacle lens blanks – Part 1: Specifications for single-vision and multifocal lens blanks (ISO 10322-1:2016; EN ISO 10322-1:2016)

HRN EN ISO 10322-2:2016 en pr
Oftalmološka optika – Poluobrađene sirove naočalne leće – 2. dio: Specifikacija za sirove leće s progresivnom i regresivnom jakosti (ISO 10322-2:2016; EN ISO 10322-2:2016)
Ophthalmic optics – Semi-finished spectacle lens blanks – Part 2: Specifications for progressive-power and degressive-power lens blanks (ISO 10322-2:2016; EN ISO 10322-2:2016)

HRN EN ISO 10685-2:2016 en pr
Oftalmološka optika – Označivanje okvira za naočale i sunčane naočale u elektroničkom katalogu – 2. dio: Trgovačke informacije (ISO 10685-2:2016; EN ISO 10685-2:2016)
Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 2: Commercial information (ISO 10685-2:2016; EN ISO 10685-2:2016)

HRN EN ISO 11145:2016 en pr
Optika i fotonika – Laseri i pridružena oprema – Terminološki rječnik i simboli (ISO 11145:2016; EN ISO 11145:2016)
Optics and photonics – Lasers and laser-related equipment – Vocabulary and symbols (ISO 11145:2016; EN ISO 11145:2016)

HRN ISO 14132-1:2016 en pr
Optika i fotonika – Terminološki rječnik naziva za dalekozorne sustave – 1. dio: Opći nazivi i abecedni popisi naziva u ISO 14132 (ISO 14132-1:2015)
Optics and photonics – Vocabulary for telescopic systems – Part 1: General terms and alphabetical indexes of terms in ISO 14132 (ISO 14132-1:2015)

HRN ISO 14132-2:2016 en pr
Optika i fotonika – Terminološki rječnik naziva za dalekozorne sustave – 2. dio: Nazivlje za dvoglede, durbine i dalekozore na stalku (ISO 14132-2:2015)
Optics and photonics – Vocabulary for telescopic systems – Part 2: Terms for binoculars, monoculars and spotting scopes (ISO 14132-2:2015)

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

HRN EN 81-73:2016 enpr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 73. dio: Način rada dizala u slučaju požara (EN 81-73:2016)
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 73: Behaviour of lifts in the event of fire (EN 81-73:2016)

HZN/TO 179, *Zidane konstrukcije*

HRN EN 772-5:2016 enpr
Metode ispitivanja zidnih elemenata – 5. dio: Određivanje sadržaja aktivnih topivih soli u opečnim zidnim elementima (EN 772-5:2016)
Methods of test for masonry units – Part 5: Determination of the active soluble salts content of clay masonry units (EN 772-5:2016)

HRN EN 846-9:2016 enpr
Metode ispitivanja pomoćnih dijelova ziđa – 9. dio: Određivanje otpornosti nadvoja na savijanje i posmik (EN 846-9:2016)
Methods of test for ancillary components for masonry – Part 9: Determination of flexural resistance and shear resistance of lintels (EN 846-9:2016)

HRN EN 1052-2:2016 en pr
Metode ispitivanja ziđa – 2. dio: Određivanje čvrstoće pri savijanju (EN 1052-2:2016)
Methods of test for masonry – Part 2: Determination of flexural strength (EN 1052-2:2016)

HRN EN 13914-1:2016 en pr
Projektiranje, priprema i primjena vanjskih i unutarnjih žbuka – 1. dio: Vanjske žbuke (EN 13914-1:2016)
Design, preparation and application of external rendering and internal plastering – Part 1: External rendering (EN 13914-1:2016)

HRN EN 13914-2:2016 en pr
Projektiranje, priprema i primjena vanjskih i unutarnjih žbuka – 2. dio: Unutarnje žbuke (EN 13914-2:2016)
Design, preparation and application of external rendering and internal plastering – Part 2: Internal plastering (EN 13914-2:2016)

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

HRI CEN ISO/TR 8124-8:2016 en pr
Sigurnost igračaka – 8. dio: Smjernice za određivanje dobne skupine (ISO/TR 8124-8:2016; CEN ISO/TR 8124-8:2016)
Safety of toys – Part 8: Age determination guidelines (ISO/TR 8124-8:2016; CEN ISO/TR 8124-8:2016)

HRI CEN/TR 16512:2016 en pr
Proizvodi za dojenčad i malu djecu – Smjernice za sigurnost marama za nošenje djece (CEN/TR 16512:2015)
Child use and care articles – Guidelines for the safety of children's slings (CEN/TR 16512:2015)

HRI CEN/TR 16918:2016 en pr
Sigurnost igračaka – Ponašanje djece prilikom stavljanja igračaka u usta tijekom oralne faze razvoja (CEN/TR 16918:2015)
Safety of toys – Children´s mouthing behaviour in contact with toys (CEN/TR 16918:2015)

HZN/TO 190, *Kvaliteta tla*

HRN EN ISO 15009:2016 en pr
Kvaliteta tla – Određivanje sadržaja hlapljivih aromatskih ugljikovodika, naftalena i hlapljivih halogeniranih ugljikovodika plinskom kromatografijom – Metoda pročišćavanjem, adsorpcijom i termalnom desorpcijom (Purge-and-trap metoda) (ISO 15009:2016; EN ISO 15009:2016)
Soil quality – Gas chromatographic determination of the content of volatile aromatic hydrocarbons, naphthalene and volatile halogenated hydrocarbons – Purge-and-trap method with thermal desorption (ISO 15009:2016; EN ISO 15009:2016)

HRN EN ISO 22155:2016 en pr
Kvaliteta tla – Određivanje hlapljivih aromatskih i halogeniranih ugljikovodika i odabranih etera plinskom kromatografijom – Statička metoda ubrizgavanja lakohlapljivih spojeva (headspace metoda) (ISO 22155:2016; EN ISO 22155:2016)
Soil quality – Gas chromatographic determination of volatile aromatic and halogenated hydrocarbons and selected ethers – Static headspace method (ISO 22155:2016; EN ISO 22155:2016)

HZN/TO 207, *Upravljanje okolišem*

HRN EN ISO 14004:2016 en pr
Sustavi upravljanja okolišem – Opće smjernice za primjenu (ISO 14004:2016; EN ISO 14004:2016)
Environmental management systems – General guidelines on implementation (ISO 14004:2016; EN ISO 14004:2016)

HRN EN ISO 14021:2016 en pr
Znakovi i izjave o zaštiti okoliša – Samodeklarirane tvrdnje o utjecaju na okoliš (Označivanje znakovima zaštite okoliša tipa II) (ISO 14021:2016; EN ISO 14021:2016)
Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling) (ISO 14021:2016; EN ISO 14021:2016)

HRS CEN ISO/TS 14071:2016 en pr
Upravljanje okolišem – Procjena životnog ciklusa – Procesi kritičke ocjene i kompetencije ocjenjivača: Dodatni zahtjevi i smjernice za normu ISO 14044:2006 (ISO/TS 14071:2014; CEN ISO/TS 14071:2016)
Environmental management – Life cycle assessment – Critical review processes and reviewer competencies: Additional requirements and guidelines to ISO 14044:2006 (ISO/TS 14071:2014; CEN ISO/TS 14071:2016)

HZN/TO 211, *Geoinformacije/Geomatika*

HRN EN ISO 19119:2016 en pr
Geoinformacije – Usluge (ISO 19119:2016; EN ISO 19119:2016)
Geographic information – Services (ISO 19119:2016; EN ISO 19119:2016)

HZN/TO 215, *Medicinska informatika*

HRN EN ISO 13940:2016 en pr
Medicinska informatika – Sustav koncepata za potporu kontinuiteta zdravstvene zaštite (ISO 13940:2015; EN ISO 13940:2016)
Health informatics – System of concepts to support continuity of care (ISO 13940:2015; EN ISO 13940:2016)

HRN EN ISO 16278:2016 en pr
Medicinska informatika – Kategorijska struktura za sustave nazivlja u anatomiji čovjeka (ISO 16278:2016; EN ISO 16278:2016)
Health informatics – Categorial structure for terminologies systems of human anatomy (ISO 16278:2016; EN ISO 16278:2016)

HZN/TO 219, *Podne obloge*

HRN EN 13329:2016 en pr
Laminatne podne obloge – Elementi s površinskim slojem na bazi aminoplastičnih termostabilnih smola – Specifikacije, zahtjevi i metode ispitivanja (EN 13329:2016)
Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods (EN 13329:2016)

HRN EN 14978:2016 en pr
Laminatne podne obloge – Elementi s površinskim slojem na bazi akrila otvrdnuti elektronskim snopom – Specifikacije, zahtjevi i metode ispitivanja (EN 14978:2016)
Laminate floor coverings – Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods (EN 14978:2016)

HRN EN 15468:2016 en pr
Laminatne podne obloge – Elementi s gotovim otisnutim uzorkom i površinskim slojem od smole – Specifikacije, zahtjevi i metode ispitivanja (EN 15468:2016)
Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods (EN 15468:2016)

HZN/TO 221, *Geosintetici*

HRN EN 14196:2016 en pr
Geosintetici – Metode ispitivanja za mjerenje mase po jedinici površine glinenih geosintetičkih barijera (EN 14196:2016)
Geosynthetics – Test methods for measuring mass per unit area of clay geosynthetic barriers (EN 14196:2016)

HZN/TO 502, *Plinski uređaji*

HRN EN 13611:2015/Ispr.1:2016 en pr
Sigurnosni i regulirajući uređaji za plamenike i uređaje na plinska i/ili tekuća goriva – Opći zahtjevi (EN 13611:2015/AC:2016)
Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – General requirements (EN 13611:2015/AC:2016)

HZN/TO 503, *Metalni materijali*

HRN EN 754-1:2016 enpr
Aluminij i aluminijeve legure – Hladno vučene šipke i cijevi – 1. dio: Tehnički uvjeti za inspekciju i isporuku (EN 754-1:2016)
Aluminium and aluminium alloys – Cold drawn rod/bar and tube – Part 1: Technical conditions for inspection and delivery (EN 754-1:2016)

HRN EN 755-2:2016 enpr
Aluminij i aluminijeve legure – Istisnute šipke, cijevi i profili – 2. dio: Mehanička svojstva (EN 755-2:2016)
Aluminium and aluminium alloys – Extruded rod/bar, tube and profiles – Part 2: Mechanical properties (EN 755-2:2016)

HRN EN ISO 4829-2:2016 en pr
Čelici – Određivanje ukupnog sadržaja silicija – Spektrofotometrijska metoda pomoću reduciranog molibdensilikata – 2. dio: Sadržaj silicija između 0,01 % i 0,05 % (ISO 4829-2:2016; EN ISO 4829-2:2016)
Steels – Determination of total silicon contents – Reduced molybdosilicate spectrophotometric method – Part 2: Silicon contents between 0,01 % and 0,05 % (ISO 4829-2:2016; EN ISO 4829-2:2016)

HRN EN ISO 4938:2016 en pr
Čelik i željezni lijev – Određivanje sadržaja nikla – Gravimetrijska ili titrimetrijska metoda (ISO 4938:2016; EN ISO 4938:2016)
Steel and irons – Determination of nickel content – Gravimetric or titrimetric method (ISO 4938:2016; EN ISO 4938:2016)

HRN EN ISO 4946:2016 en pr
Čelik i željezni lijev – Određivanje bakra – 2,2'- Biquinoline spektrofotometrijska metoda (ISO 4946:2016; EN ISO 4946:2016)
Steel and cast iron – Determination of copper – 2,2'-Biquinoline spectrophotometric method (ISO 4946:2016; EN ISO 4946:2016)

HRN EN ISO 7438:2016 en pr
Metalni materijali – Ispitivanje savijanjem (ISO 7438:2016; EN ISO 7438:2016)
Metallic materials – Bend test (ISO 7438:2016; EN ISO 7438:2016)

HRN EN 10139:2016 en pr
Hladno valjane trake bez prevlaka od niskougljičnog čelika za hladno oblikovanje – Tehnički uvjeti isporuke (EN 10139:2016)
Cold rolled uncoated low carbon steel narrow strip for cold forming – Technical delivery conditions (EN 10139:2016)

HRN EN 10305-1:2016 en pr
Precizne čelične cijevi – Tehnički uvjeti isporuke – 1. dio: Bešavne hladno vučene cijevi (EN 10305-1:2016)
Steel tubes for precision applications – Technical delivery conditions – Part 1: Seamless cold drawn tubes (EN 10305-1:2016)

HRN EN 10305-2:2016 en pr
Precizne čelične cijevi – Tehnički uvjeti isporuke – 2. dio: Zavarene hladno vučene cijevi (EN 10305-2:2016)
Steel tubes for precision applications – Technical delivery conditions – Part 2: Welded cold drawn tubes (EN 10305-2:2016)

HRN EN 10305-3:2016 en pr
Precizne čelične cijevi – Tehnički uvjeti isporuke – 3. dio: Zavarene hladno valjane cijevi (EN 10305-3:2016)
Steel tubes for precision applications – Technical delivery conditions – Part 3: Welded cold sized tubes (EN 10305-3:2016)

HRN EN 10305-4:2016 en pr
Precizne čelične cijevi – Tehnički uvjeti isporuke – 4. dio: Bešavne hladno vučene cijevi za hidraulične i pneumatske tlačne sustave (EN 10305-4:2016)
Steel tubes for precision applications – Technical delivery conditions – Part 4: Seamless cold drawn tubes for hydraulic and pneumatic power systems (EN 10305-4:2016)

HRN EN 10305-5:2016 en pr
Precizne čelične cijevi – Tehnički uvjeti isporuke – 5. dio: Zavarene hladno valjane cijevi kvadratnog i četvrtastog presjeka (EN 10305-5:2016)
Steel tubes for precision applications – Technical delivery conditions – Part 5: Welded cold sized square and rectangular tubes (EN 10305-5:2016)

HRN EN 10305-6:2016 en pr
Precizne čelične cijevi – Tehnički uvjeti isporuke – 6. dio: Zavarene hladno vučene cijevi za hidraulične i pneumatske tlačne sustave (EN 10305-6:2016)
Steel tubes for precision applications – Technical delivery conditions – Part 6: Welded cold drawn tubes for hydraulic and pneumatic power systems (EN 10305-6:2016)

HRN EN 12392:2016 en pr
Aluminij i aluminijeve legure – Gnječeni proizvodi i lijevani proizvodi – Posebni zahtjevi za proizvode za izradu tlačne opreme (EN 12392:2016)
Aluminium and aluminium alloys – Wrought products and cast products – Special requirements for products intended for the production of pressure equipment (EN 12392:2016)

HRN EN 14420-8:2016 en pr
Crijevni priključci sa stezaljkama – 8. dio: Simetrične poluspojke (Guillemin sustav) (EN 14420-8:2013+A1:2016)
Hose fittings with clamp units – Part 8: Symmetrical half coupling (Guillemin system) (EN 14420-8:2013+A1:2016)

HRN EN ISO 21809-3:2016 en pr
Industrija nafte i zemnoga plina – Vanjske prevlake za podzemne ili potopljene cjevovode za upotrebu u cjevovodnim transportnim sustavima – 3. dio: Prevlake za spojeve izrađene na gradilištu (ISO 21809-3:2016; EN ISO 21809-3:2016)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 3: Field joint coatings (ISO 21809-3:2016; EN ISO 21809-3:2016)

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

HRN EN ISO 11177:2016 en pr
Staklasti i porculanski emajli – Unutrašnji i vanjski emajlirani ventili i oprema za cijevi pod tlakom za opskrbu netretirane i pitke vode – Zahtjevi za kvalitetu i ispitivanje (ISO 11177:2016; EN ISO 11177:2016)
Vitreous and porcelain enamels – Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply – Quality requirements and testing (ISO 11177:2016; EN ISO 11177:2016)

HRN EN 14038-1:2016 en pr
Elektrokemijska realkalizacija i postupci ekstrakcije klorida za armirani beton – 1. dio: Realkalizacija (EN 14038-1:2016)
Electrochemical realkalization and chloride extraction treatments for reinforced concrete – Realkalization (EN 14038-1:2016)

HRN EN ISO 17668:2016 en pr
Cinkove difuzijske prevlake na proizvodima na bazi željeza – Šerardizacija – Specifikacija (ISO 17668:2016; EN ISO 17668:2016)
Zinc diffusion coatings on ferrous products – Sherardizing – Specification (ISO 17668:2016; EN ISO 17668:2016)

HRN EN ISO 28721-5:2016 en pr
Staklasti i porculanski emajli – Staklasto prevučeni aparati za procesna postrojenja – 5. dio: Prezentacija i karakterizacija grešaka (ISO 28721-5:2016; EN ISO 28721-5:2016)
Vitreous and porcelain enamels – Glass-lined apparatus for process plants – Part 5: Presentation and characterisation of defects (ISO 28721-5:2016; EN ISO 28721-5:2016)

HRN EN ISO 28765:2016 en pr
Staklasti i porculanski emajli – Projektiranje čeličnih spremnika spojenih vijcima za skladištenje ili obradu vode ili komunalnih ili industrijskih ispusta i mulja (ISO 28765:2016; EN ISO 28765:2016)
Vitreous and porcelain enamels – Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (ISO 28765:2016; EN ISO 28765:2016)

HZN/TO 505, *Prijenos i distribucija plina*

HRN EN 1918-1:2016 en pr
Plinska infrastruktura – Podzemno skladištenje plina – 1. dio: Funkcionalne preporuke za skladištenje plina u vodonosnim ležištima (EN 1918-1:2016)
Gas infrastructure – Underground gas storage – Part 1: Functional recommendations for storage in aquifers (EN 1918-1:2016)

HRN EN 1918-2:2016 en pr
Plinska infrastruktura – Podzemno skladištenje plina – 2. dio: Funkcionalne preporuke za skladištenje plina u naftnim i plinskim poljima (EN 1918-2:2016)
Gas infrastructure – Underground gas storage – Part 2: Functional recommendations for storage in oil and gas fields (EN 1918-2:2016)

HRN EN 1918-3:2016 en pr
Plinska infrastruktura – Podzemno skladištenje plina – 3. dio: Funkcionalne preporuke za skladištenje plina u izrađenim solnim kavernama (EN 1918-3:2016)
Gas infrastructure – Underground gas storage – Part 3: Functional recommendations for storage in solution-mined salt caverns (EN 1918-3:2016)

HRN EN 1918-4:2016 en pr
Plinska infrastruktura – Podzemno skladištenje plina – 4. dio: Funkcionalne preporuke za skladištenje plina u kavernama stijena (EN 1918-4:2016)
Gas infrastructure – Underground gas storage – Part 4: Functional recommendations for storage in rock caverns (EN 1918-4:2016)

HRN EN 1918-5:2016 en pr
Plinska infrastruktura – Podzemno skladištenje plina – 5. dio: Funkcionalne preporuke za površinske instalacije (EN 1918-5:2016)
Gas infrastructure – Underground gas storage – Part 5: Functional recommendations for surface facilities (EN 1918-5:2016)

HRN EN ISO 16904:2016 en pr
Industrija nafte i prirodnoga plina – Projektiranje i ispitivanje ukrcajno/iskrcajnih pomorskih instalacija za konvencionalne obalne terminale za ukapljeni prirodni plin (LNG) (ISO 16904:2016; EN ISO 16904:2016)
Petroleum and natural gas industries – Design and testing of LNG marine transfer arms for conventional onshore terminals (ISO 16904:2016; EN ISO 16904:2016)

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

HRN EN 203-1:2014/Ispr.1:2016 en pr
Plinski uređaji za velike kuhinje – 1. dio: Opća sigurnosna pravila (EN 203-1:2014/AC:2016)
Gas heated catering equipment – Part 1: General safety rules (EN 203-1:2014/AC:2016)

HRN EN ISO 17348:2016 en pr
Industrija nafte i prirodnoga plina – Odabir materijala za uzlaznu (tubing), zaštitnu (casing) i dubinsku opremu u okolišu s visokim sadržajem CO2 (ISO 17348:2016; EN ISO 17348:2016)
Petroleum and natural gas industries – Materials selection for high content CO2 environment for casings, tubings and downhole equipment (ISO 17348:2016; EN ISO 17348:2016)

HRN EN ISO 17349:2016 en pr
Industrija nafte i prirodnoga plina – Upravljanje visokotlačnim strujama plina s povećanim sadržajem CO2 na odobalnim platformama (ISO 17349:2016; EN ISO 17349:2016)
Petroleum and natural gas industries – Offshore platforms handling streams with high content of CO2 at high pressures (ISO 17349:2016; EN ISO 17349:2016)

HRN EN ISO 19901-5:2016 en pr
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne konstrukcije – 5. dio: Kontrola mase tijekom projektiranja i građenja (ISO 19901-5:2016; EN ISO 19901-5:2016)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 5: Weight control during engineering and construction (ISO 19901-5:2016; EN ISO 19901-5:2016)

HRN EN ISO 19905-1:2016 en pr
Industrija nafte i prirodnoga plina – Procjena specifičnosti lokacije za pokretne odobalne jedinice – 1. dio: Samopodizne platforme (ISO 19905-1:2016; EN ISO 19905-1:2016)
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 1: Jack-ups (ISO 19905-1:2016; EN ISO 19905-1:2016)

HZN/TO 509, *Cestovna oprema*

HRN EN 1793-5:2016 en pr
Barijere za zaštitu od buke s cesta – Metoda ispitivanja za određivanje akustičkih svojstava – 5. dio: Osnovne značajke – In situ vrijednosti refleksije zvuka pod izravnim utjecajem zvučnog polja (EN 1793-5:2016)
Road Traffic Noise reducing devices – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection under direct sound field conditions (EN 1793-5:2016)

HZN/TO 511, *Eksplozivi za civilnu uporabu*

HRN EN 15947-1:2016 en pr
Pirotehnički proizvodi – Vatrometi, kategorije F1, F2 i F3 – 1. dio: Nazivlje (EN 15947-1:2015)
Pyrotechnic articles – Firework, Categories F1, F2 and F3 – Part 1: Terminology (EN 15947-1:2015)

HRN EN 15947-2:2016 en pr
Pirotehnički proizvodi – Vatrometi, kategorije F1, F2 i F3 – 2. dio: Kategorije i tipovi vatrometa (EN 15947-2:2015)
Pyrotechnic articles – Fireworks, Categories F1, F2, and F3 – Part 2: Categories and types of firework (EN 15947-2:2015)

HRN EN 15947-3:2016 en pr
Pirotehnički proizvodi – Vatrometi, kategorije F1, F2 i F3 – 3. dio: Minimalni zahtjevi za označivanje (EN 15947-3:2015)
Pyrotechnic articles – Fireworks, Categories F1, F2, and F3 – Part 3: Minimum labelling requirements (EN 15947-3:2015)

HRN EN 15947-4:2016 en pr
Pirotehnički proizvodi – Vatrometi, kategorije F1, F2 i F3 – 4. dio: Metode ispitivanja (EN 15947-4:2015)
Pyrotechnic articles – Fireworks, Categories F1, F2 and F3 – Part 4: Test methods (EN 15947-4:2015)

HRN EN 15947-5:2016 en pr
Pirotehnički proizvodi – Vatrometi, kategorije F1, F2 i F3 – 5. dio: Zahtjevi za konstrukciju i svojstva (EN 15947-5:2015)
Pyrotechnic articles – Fireworks, Categories F1, F2, and F3 – Part 5: Requirements for construction and performance (EN 15947-5:2015)

HZN/TO 513, *Mjerne jedinice i mjerila*

HRN EN ISO 5167-5:2016 en pr
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 5. dio: Konusna mjerila (ISO 5167-5:2016; EN ISO 5167-5:2016)
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 5: Cone meters (ISO 5167-5:2016; EN ISO 5167-5:2016)

HZN/TO 524, *Inteligentni transportni sustavi*

HRS CEN/TS 16614-3:2016 en pr
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTEx) – 3. dio: Format za razmjenu podataka o naplatama javnog prijevoza (CEN/TS 16614-3:2016)
Public transport – Network and Timetable Exchange (NeTEx) – Part 3: Public transport fares exchange format (CEN/TS 16614-3:2016)

HRS CEN ISO/TS 17426:2016 en pr
Inteligentni transportni sustavi – Kooperativni sustavi – Brzine uvjetovane okruženjem (ISO/TS 17426:2016; CEN ISO/TS 17426:2016)
Intelligent transport systems – Cooperative systems – Contextual speeds (ISO/TS 17426:2016; CEN ISO/TS 17426:2016)

HRN EN ISO 17575-1:2016 en pr
Elektronička naplata – Definicija programskog sučelja za autonomne sustave – 1. dio: Naplaćivanje (ISO 17575-1:2016; EN ISO 17575-1:2016)
Electronic fee collection – Application interface definition for autonomous systems – Part 1: Charging (ISO 17575-1:2016; EN ISO 17575-1:2016)

HRN EN ISO 17575-2:2016 en pr
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 2. dio: Komunikacija i povezivanje s nižim slojevima (ISO 17575-2:2016; EN ISO 17575-2:2016)
Electronic fee collection – Application interface definition for autonomous systems – Part 2: Communication and connection to the lower layers (ISO 17575-2:2016; EN ISO 17575-2:2016)

HRN EN ISO 17575-3:2016 en pr
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 3. dio: Podaci okruženja (ISO 17575-3:2016; EN ISO 17575-3:2016)
Electronic fee collection – Application interface definition for autonomous systems – Part 3: Context data (ISO 17575-3:2016; EN ISO 17575-3:2016)

HRS CEN ISO/TS 19299:2016 en pr
Elektronička naplata – Sigurnosni okvir (ISO/TS 19299:2015; CEN ISO/TS 19299:2015)
Electronic fee collection – Security framework (ISO/TS 19299:2015; CEN ISO/TS 19299:2015)

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

HRN EN 1873:2016 en pr
Montažni pribor za pokrivanje krovova – Zasebni plastični krovni svjetlarnici – Specifikacija proizvoda i metode ispitivanja (EN 1873:2014+A1:2016)
Prefabricated accessories for roofing – Individual rooflights of plastics – Product specification and test methods (EN 1873:2014+A1:2016)

HZN/TO 528, *Oprema za željeznice*

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

HRI CEN/TR 16251:2016 en pr
Željeznički sustav – Uvjeti koji se odnose na okoliš – Upute za projektiranje željezničkih vozila (CEN/TR 16251:2016)
Railway applications – Environmental conditions – Design guidance for rolling stock (CEN/TR 16251:2016)

HZN/TO 531, *Plastika i guma*

HRN EN 59:2016 en pr
Plastika ojačana staklom – Mjerenje utisne tvrdoće Barcolovim tvrdomjerom (EN 59:2016)
Glass reinforced plastics – Determination of indentation hardness by means of a Barcol hardness tester (EN 59:2016)

HRN EN 438-1:2016 enpr
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 1. dio: Uvod i opće informacije (EN 438-1:2016)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 1: Introduction and general information (EN 438-1:2016)

HRN EN 438-2:2016 enpr
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 2. dio: Određivanje svojstava (EN 438-2:2016)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 2: Determination of properties (EN 438-2:2016)

HRN EN 438-3:2016 enpr
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 3. dio: Razredba i specifikacija laminata tanjih od 2 mm namijenjenih za povezivanje (lijepljenje) na potporni supstrat (EN 438-3:2016)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 3: Classification and specifications for laminates less than 2 mm thick intended for bonding to supporting substrates (EN 438-3:2016)

HRN EN 438-4:2016 enpr
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 4. dio: Razredba i specifikacija kompaktnih laminata debljine 2 mm i više (EN 438-4:2016)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 4: Classification and specifications for compact laminates of thickness 2 mm and greater (EN 438-4:2016)

HRN EN 438-5:2016 enpr
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 5. dio: Razredba i specifikacija podnih laminata tanjih od 2 mm namijenjenih za povezivanje (lijepljenje) na potporni supstrat (EN 438-5:2016)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 5: Classification and specifications for flooring grade laminates less than 2 mm thick intended for bonding to supporting substrates (EN 438-5:2016)

HRN EN 438-6:2016 enpr
High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 6: Classification and specifications for Exterior-grade compact laminates of thickness 2 mm and greater (EN 438-6:2016)

HRN EN ISO 2078:2008/A1:2016 en pr
Stakleni tekstil – Pređa – Označivanje (ISO 2078:1993/Amd 1:2015; EN ISO 2078:1994/A1:2015)
Textile glass – Yarns – Designation (ISO 2078:1993/Amd 1:2015; EN ISO 2078:1994/A1:2015)

HRN EN ISO 4892-3:2016 en pr
Plastika – Metode izlaganja izvorima svjetla u laboratoriju – 3. dio. Fluorescentne UV-svjetiljke (ISO 4892-3:2016; EN ISO 4892-3:2016)
Plastics – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps (ISO 4892-3:2016; EN ISO 4892-3:2016)

HRN EN ISO 5774:2016 en pr
Plastična crijeva – Tekstilom ojačani tipovi za upotrebu pri djelovanju stlačenog zraka – Specifikacija (ISO 5774:2016; EN ISO 5774:2016)
Plastics hoses – Textile-reinforced types for compressed-air applications – Specification (ISO 5774:2016; EN ISO 5774:2016)

HRN EN ISO 17855-2:2016 en pr
Plastika – Polietilen (PE) injekcijski prešani i ekstruzijski materijali – 2. dio: Priprema ispitnih uzoraka i određivanje svojstava (ISO 17855-2:2016; EN ISO 17855-2:2016)
Plastics – Polyethylene (PE) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 17855-2:2016; EN ISO 17855-2:2016)

HRN EN ISO 19069-2:2016 en pr
Plastika – Polipropilenski (PP) materijali za injekcijsko prešanje i ekstrudiranje – 2. dio: Priprema ispitnih uzoraka i određivanje svojstava (ISO 19069-2:2016; EN ISO 19069-2:2016)
Plastics – Polypropylene (PP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 19069-2:2016; EN ISO 19069-2:2016)

HZN/TO 532, *Dimnjaci*

HRN DIN 18160-5:2016 de pr
Dimnjaci – 5. dio: Naprave za pristup dimnjaku – Zahtjevi, projektiranje i izvedba (DIN 18160-5:2016)
Abgasanlagen – Teil 5: Einrichtungen für Schornsteinfegerarbeiten – Anforderungen, Planung und Ausführung (DIN 18160-5:2016)

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

HRN EN 572-1:2016 enpr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 1. dio: Definicije i opća fizikalna i mehanička svojstva (EN 572-1:2012+A1:2016)
Glass in building – Basic soda-lime silicate glass products – Part 1: Definitions and general physical and mechanical properties (EN 572-1:2012+A1:2016)

HRN EN 572-8:2016 enpr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 8. dio: Isporučive i konačno rezane mjere (EN 572-8:2012+A1:2016)
Glass in building – Basic soda-lime silicate glass products – Part 8: Supplied and final cut sizes (EN 572-8:2012+A1:2016)

HRN EN 1026:2016 en pr
Prozori i vrata – Propusnost zraka – Metoda ispitivanja (EN 1026:2016)
Windows and doors – Air permeability – Test method (EN 1026:2016)

HRN EN 1027:2016 en pr
Prozori i vrata – Vodonepropusnost – Metoda ispitivanja (EN 1027:2016)
Windows and doors – Water tightness – Test method (EN 1027:2016)

HRN EN 12209:2016 en pr
Građevni okovi – Mehaničke brave i pločice za zaključavanje – Zahtjevi i metode ispitivanja (EN 12209:2016)
Building hardware – Mechanically operated locks and locking plates – Requirements and test methods (EN 12209:2016)

HRN EN 12210:2016 en pr
Prozori i vrata – Otpornost na opterećenje vjetrom – Razredba (EN 12210:2016)
Windows and doors – Resistance to wind load – Classification (EN 12210:2016)

HRN EN 12211:2016 en pr
Prozori i vrata – Otpornost na opterećenje vjetrom – Metoda ispitivanja (EN 12211:2016)
Windows and doors – Resistance to wind load – Test method (EN 12211:2016)

HRN EN 12608-1:2016 en pr
Profili od neomekšanog poli(vinil-klorida) (PVC-U) za izradu prozora i vrata – Razredba, zahtjevi i metode ispitivanja – 1. dio: Nezaštićeni PVC-U profili svijetlih površina (EN 12608-1:2016)
Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors – Classification, requirements and test methods – Part 1: Non-coated PVC-U profiles with light coloured surfaces (EN 12608-1:2016)

HRN EN 13561:2015/Ispr.1:2016 en pr
Vanjski zastori i tende – Zahtjevi za svojstva uključujući sigurnost (EN 13561:2015/AC:2016)
External blinds and awnings – Performance requirements including safety (EN 13561:2015/AC:2016)

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

HRN EN 12791:2016 en pr
Kemijski dezinficijensi i antiseptici – Kirurška dezinfekcija ruku – Metoda ispitivanja i zahtjevi (faza 2/korak 2) (EN 12791:2016)
Chemical disinfectants and antiseptics – Surgical hand disinfection – Test method and requirements (phase 2, step 2) (EN 12791:2016)

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

HRN EN ISO 16891:2016 en pr
Metode ispitivanja za procjenu pogoršanja svojstava filtarskih materijala koji se mogu čistiti (ISO 16891:2016; EN ISO 16891:2016)
Test methods for evaluating degradation of characteristics of cleanable filter media (ISO 16891:2016; EN ISO 16891:2016)

HZN/TO 543, *Poštanske usluge*

HRN EN 14508:2016 en pr
Poštanske usluge – Kvaliteta usluga – Mjerenje vremena prijenosa pojedinačne neprioritetne pošiljke od prijama do uručenja (EN 14508:2016)
Postal services – Quality of service – Measurement of the transit time of end-to-end services for single piece non-priority mail and second class mail (EN 14508:2016)

HRS CEN/TS 15472:2016 en pr
Poštanske usluge – Metoda mjerenja vremena prijenosa paketa u međunarodnom prometu unutar Europske unije i EFTA-e sustavom praćenja i traženja (CEN/TS 15472:2016)
Postal services – Method for measurement of parcel transit time for cross-border parcels within the European Union and EFTA using Tracking and Tracing (CEN/TS 15472:2016)

HZN/TO 550, *Opskrba vodom*

HRN EN 878:2016 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Aluminijev sulfat (EN 878:2016)
Chemicals used for treatment of water intended for human consumption – Aluminium sulfate (EN 878:2016)

HRN EN 882:2016 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Natrijev aluminat (EN 882:2016)
Chemicals used for treatment of water intended for human consumption – Sodium aluminate (EN 882:2016)

HRN EN 887:2016 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Aluminijev željezov (III) sulfat (EN 887:2016)
Chemicals used for treatment of water intended for human consumption – Aluminium iron (III) sulfate (EN 887:2016)

HZN/TO 551, *Gradnja*

HRN ISO 2394:2016 enpr
Opća načela pouzdanosti konstrukcija (ISO 2394:2015)
General principles on reliability for structures (ISO 2394:2015)

HRN ISO 23469:2016 en pr
Osnove projektiranja konstrukcija – Potresna djelovanja za projektiranje geotehničkih radova (ISO 23469:2005)
Bases for design of structures – Seismic actions for designing geotechnical works (ISO 23469:2005)

HZN/TO 553, *Predgotovljeni proizvodi*

HRN EN 16578:2016 en pr
Keramičke sanitarije – Ocjenjivanje održivosti (EN 16578:2016)
Ceramics sanitary appliances – Sustainability assessment (EN 16578:2016)

HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 13485:2016 en pr
Medicinski uređaji – Sustavi upravljanja kvalitetom – Zahtjevi za zakonsku namjenu (ISO 13485:2016; EN ISO 13485:2016)
Medical devices – Quality management systems – Requirements for regulatory purposes (ISO 13485:2016; EN ISO 13485:2016)

HRN EN ISO 15883-7:2016 en pr
Uređaji za pranje i dezinfekciju – 7. dio: Zahtjevi i ispitivanja za uređaje za pranje i dezinfekciju u kemijskoj dezinfekciji neinvazivnih, nekritičnih termolabilnih medicinskih uređaja i opreme za zdravstvenu skrb (ISO 15883-7:2016; EN ISO 15883-7:2016)
Washer-disinfectors – Part 7: Requirements and tests for washer-disinfectors employing chemical disinfection for non-invasive, non-critical thermolabile medical devices and healthcare equipment (ISO 15883-7:2016; EN ISO 15883-7:2016)

HZN/TO 556, *Osobna zaštitna oprema*

HRN EN 458:2016 en pr
Štitnici sluha – Preporuke za odabir, uporabu, njegu i održavanje – Upute (EN 458:2016)
Hearing protectors – Recommendations for selection, use, care and maintenance – Guidance document (EN 458:2016)

HZN/TO 557, *Zaštitna odjeća*

HRN EN 1073-1:2016 en pr
Odjeća za zaštitu od čvrstih čestica raspršenih u zraku uključujući radioaktivnu kontaminaciju – 1. dio: Zahtjevi i metode ispitivanja za zaštitnu odjeću s cijevnim prozračivanjem stlačenim zrakom, koja štiti tijelo i dišne organe (EN 1073-1:2016)
Protective clothing against solid airborne particles including radioactive contamination – Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract (EN 1073-1:2016)

HRN EN 16778:2016 en pr
Zaštitne rukavice – Određivanje dimetilformamida u rukavicama (EN 16778:2016)
Protective gloves – The determination of Dimethylformamide in gloves (EN 16778:2016)

HRN EN ISO 17491-4:2010/A1:2016 en pr
Zaštitna odjeća – Ispitne metode za odjeću za zaštitu od kemikalija – 4. dio: Određivanje otpornosti na propuštanje raspršene tekućine (sprej test) (ISO 17491-4:2008/Amd 1:2016;
EN ISO 17491-4:2008/A1:2016)
Protective clothing – Test methods for clothing providing protection against chemicals – Part 4: Determination of resistance to penetration by a spray of liquid (spray test)
(ISO 17491-4:2008/Amd 1:2016; EN ISO 17491-4:2008/A1:2016)

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

HRN EN 19:2016 en pr
Industrijski zaporni uređaji – Označivanje zapornih uređaja od metala (EN 19:2016)
Industrial valves – Marking of metallic valves (EN 19:2016)

HRN EN 16668:2016 en pr
Industrijski zaporni uređaji – Zahtjevi i ispitivanje metalnih zapornih uređaja kao dijelova podvrgnutih tlaku (EN 16668:2016)
Industrial valves – Requirements and testing for metallic valves as pressure accessories (EN 16668:2016)

HZN/TO 560, *Tekstilni proizvodi*

HRN EN 16806-1:2016 en pr
Tekstil i tekstilni proizvodi – Tekstil koji sadrži materijale s promjenom faze (PCM) – 1. dio: Određivanje pohrane topline i kapaciteta otpuštanja (EN 16806-1:2016)
Textiles and textile products – Textiles containing phase change materials (PCM) – Part 1: Determination of the heat storage and release capacity (EN 16806-1:2016)

HRN EN ISO 17881-1:2016 en pr
Tekstil – Određivanje pojedinih usporivača gorenja – 1. dio: Bromirani usporivači gorenja (ISO 17881-1:2016; EN ISO 17881-1:2016)
Textiles – Determination of certain flame retardants – Part 1: Brominated flame retardants (ISO 17881-1:2016; EN ISO 17881-1:2016)

HRN EN ISO 17881-2:2016 en pr
Tekstili – Određivanje pojedinih usporivača gorenja – 2. dio: Fosforni usporivači gorenja (ISO 17881-2:2016; EN ISO 17881-2:2016)
Textiles – Determination of certain flame retardants – Part 2: Phosphorus flame retardants (ISO 17881-2:2016; EN ISO 17881-2:2016)

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

HRN EN 1440:2016 en pr
Oprema i pribor za UNP – Prenosive, ponovno punjive čelične boce za ukapljeni naftni plin (UNP) uobičajeno zavarene i tvrdo lemljene – Periodični pregled (EN 1440:2016)
LPG equipment and accessories – Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders – Periodic inspection (EN 1440:2016)

HRN EN 16728:2016 en pr
Oprema i pribor za UNP – Prenosive, ponovno punjive boce za UNP osim zavarenih i tvrdo lemljenih čeličnih boca – Periodični pregled (EN 16728:2016)
LPG equipment and accessories – Transportable refillable LPG cylinders other than welded and brazed steel cylinders – Periodic inspection (EN 16728:2016)

HZN/TO 563, *Sigurnost strojeva*

HRN EN ISO 19353:2016 en pr
Sigurnost strojeva – Prevencija požara i zaštita od požara (ISO 19353:2015; EN ISO 19353:2016)
Safety of machinery – Fire prevention and fire protection (ISO 19353:2015; EN ISO 19353:2016)

HZN/TO 564, *Uljarice, biljna i životinjska ulja i masti*

HRN EN ISO 734:2016 en pr
Uljane pogače i sačme – Određivanje količine ulja – Metoda ekstrakcije heksanom (ili petroleterom) (ISO 734:2015; EN ISO 734:2015)
Oilseed meals – Determination of oil content – Extraction method with hexane (or light petroleum) (ISO 734:2015; EN ISO 734:2015)

HRN EN ISO 6885:2016 en pr
Životinjske i biljne masti i ulja – Određivanje anisidinskog broja (ISO 6885:2016; EN ISO 6885:2016)
Animal and vegetable fats and oils – Determination of anisidine value (ISO 6885:2016; EN ISO 6885:2016)

HRN EN ISO 6886:2016 en pr
Životinjske i biljne masti i ulja – Određivanje oksidativne stabilnosti (ubrzani test oksidacije) (ISO 6886:2016; EN ISO 6886:2016)
Animal and vegetable fats and oils – Determination of oxidative stability (accelerated oxidation test) (ISO 6886:2016; EN ISO 6886:2016)

HRN EN ISO 22630:2016 en pr
Uljane pogače i sačme – Određivanje udjela ulja – Metoda brze ekstrakcije (ISO 22630:2015; EN ISO 22630:2015)
Oilseed meals – Determination of oil content – Rapid extraction method (ISO 22630:2015; EN ISO 22630:2015)

HRN EN ISO 29841:2014/A1:2016 en pr
Biljne masti i ulja – Određivanje razgradnih produkata klorofila a i a' (feofitini a, a' i pirofeofitini) (ISO 29841:2009/Amd 1:2016; EN ISO 29841:2014/A1:2016)
Vegetable fats and oils – Determination of the degradation products of chlorophylls a and a' (pheophytins a, a' and pyropheophytins) (ISO 29841:2009/Amd 1:2016; EN ISO 29841:2014/A1:2016)

HZN/TO 568, *Analize hrane - Horizontalne metode*

HRN EN 16801:2016 en pr
Hrana – Određivanje elemenata i njihovih kemijskih oblika – Određivanje metilžive izotopnim razređenjem GC-ICPMS u hrani morskog podrijetla (EN 16801:2016)
Foodstuffs – Determination of elements and their chemical species – Determination of methylmercury in foodstuffs of marine origin by isotope dilution GC-ICP-MS (EN 16801:2016)

HRN EN 16802:2016 en pr
Hrana – Određivanje elemenata i njihovih kemijskih oblika – Određivanje anorganskog arsena u hrani morskog i biljnog podrijetla primjenom anionskog izmjenjivača HPLC-ICP-MS (EN 16802:2016)
Foodstuffs – Determination of elements and their chemical species – Determination of inorganic arsenic in foodstuffs of marine and plant origin by anion-exchange HPLC-ICP-MS (EN 16802:2016)

HZN/TO 569, *Hrana za životinje*

HRN EN ISO 13904:2016 en pr
Stočna hrana – Određivanje količine triptofana (ISO 13904:2016; EN ISO 13904:2016)
Animal feeding stuffs – Determination of tryptophan content (ISO 13904:2016; EN ISO 13904:2016)

HZN/TO 570, *Sustavi upravljanja energijom*

HRN EN ISO/IEC 13273-1:2016 en pr
Energijska učinkovitost i obnovljivi izvori energije – Zajedničko međunarodno nazivlje – 1. dio: Energijska učinkovitost (ISO/IEC 13273-1:2015; EN ISO/IEC 13273-1:2016)
Energy efficiency and renewable energy sources – Common international terminology – Part 1: Energy efficiency (ISO/IEC 13273-1:2015; EN ISO/IEC 13273-1:2016)

HRN EN ISO/IEC 13273-2:2016 en pr
Energijska učinkovitost i obnovljivi izvori energije – Zajedničko međunarodno nazivlje – 2. dio: Izvori obnovljive energije (ISO/IEC 13273-1:2015; EN ISO/IEC 13273-1:2016)
Energy efficiency and renewable energy sources – Common international terminology – Part 2: Renewable energy sources (ISO/IEC 13273-2:2015; EN ISO/IEC 13273-2:2016)

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

HRN EN 1809:2016 en pr
Oprema za ronjenje – Kompenzatori plutanja – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1809:2014+A1:2016)
Diving equipment – Buoyancy compensators – Functional and safety requirements, test methods (EN 1809:2014+A1:2016)

HRN ISO 6265:2016 enpr
Skije za alpsko skijanje – Određivanje opterećenja deformacije i opterećenja pucanja (ISO 6265:2013)
Alpine skis – Determination of deformation load and breaking load (ISO 6265:2013)

HRN ISO 7138:2016 enpr
Skije za skijaško trčanje – Određivanje mase i položaja točke ravnoteže (ISO 7138:1984)
Cross-country skis – Determination of mass and location of balance point (ISO 7138:1984)

HRN ISO 7139:2016 enpr
Skije za skijaško trčanje – Određivanje elastičnih svojstava (ISO 7139:1984)
Cross-country skis – Determination of elastic properties (ISO 7139:1984)

HRN ISO 7140:2016 enpr
Skije za skijaško trčanje – Određivanje dinamičkih značajki – Laboratorijska mjerna metoda (ISO 7140:1985)
Cross-country skis – Determination of dynamic performance – Laboratory measurement method (ISO 7140:1985)

HRN ISO 7794:2016 enpr
Skije za skijaško trčanje – Vijci na skijaškim vezovima – Zahtjevi (ISO 7794:2011)
Cross-country skis – Ski-binding screws – Requirements (ISO 7794:2011)

HRN ISO 7795:2016 enpr
Skije za skijaško trčanje – Vijci na skijaškim vezovima – Metode ispitivanja (ISO 7795:2011)
Cross-country skis – Ski-binding screws – Test methods (ISO 7795:2011)

HRN ISO 7796:2016 enpr
Skije – Geometrija skija – Uvjeti mjerenja (ISO 7796:1985)
Skis – Geometry – Measuring conditions (ISO 7796:1985)

HRN ISO 7797:2016 enpr
Skije za skijaško trčanje – Određivanje opterećenja loma i otklon kod loma s kvazistatičkim opterećenjem (ISO 7797:1985)
Cross-country skis – Determination of breaking load and deflection at break with quasistatic load (ISO 7797:1985)

HRN ISO 7798:2016 enpr
Skije za skijaško trčanje – Određivanje indeksa zamora materijala – Test cikličkog opterećenja (ISO 7798:1984)
Cross-country skis – Determination of fatigue indexes – Cyclic loading test (ISO 7798:1984)

HRN ISO 8061:2016 enpr
Vezovi za skije za alpsko skijanje – Odabir vrijednosti momenta otpuštanja (ISO 8061:2015)
Alpine ski-bindings – Selection of release torque values (ISO 8061:2015)

HRN ISO 9119:2016 enpr
Skije za skijaško trčanje – Mjesto montaže vezova – Zahtjevi i metode ispitivanja (ISO 9119:1990)
Cross-country skis – Binding mounting area – Requirements and test methods (ISO 9119:1990)

HRN ISO 9465:2016 enpr
Skijaški vezovi – Bočno otpuštanje pod opterećenjem udarca – Metoda ispitivanja (ISO 9465:2012)
Alpine ski-bindings – Lateral release under impact loading – Test method (ISO 9465:2012)

HRN ISO 9523:2016 enpr
Skijaške cipele (pancerice) za turno skijanje za odrasle – Međusklop s vezovima za turno skijanje – Zahtjevi i metode ispitivanja (ISO 9523:2015)
Touring ski-boots for adults – Interface with touring ski-bindings – Requirements and test methods (ISO 9523:2015)

HRN ISO 10228:2016 en pr
Skije za skijaško trčanje – Mjesto montaže vezova – Zahtjevi za ispitne vijke (ISO 10228:2011)
Cross-country skis – Binding mounting area – Requirements for test screws (ISO 10228:2011)

HRN ISO 10958-1:2016 en pr
Daskanje na snijegu (snowboard) – Mjesto montaže vezova – 1. dio: Zahtjevi i metode ispitivanja za daske za snijeg (snowboard) bez umetaka (ISO 10958-1:1998)
Snowboards – Binding mounting area – Part 1: Requirements and test methods for snowboards without inserts (ISO 10958-1:1998)

HRN ISO 10958-2:2016 en pr
Daskanje na snijegu (snowboard) – Mjesto montaže vezova – 2. dio: Zahtjevi i metode ispitivanja za daske za snijeg (snowboard) s umetcima (ISO 10958-2:2015)
Snowboards – Binding mounting area – Part 2: Requirements and test methods for snowboards with inserts (ISO 10958-2:2015)

HRN ISO 11087:2016 en pr
Vezovi za skije za alpsko skijanje – Uređaji za zadržavanje – Zahtjevi i metode ispitivanja (ISO 11087:2015)
Alpine ski-bindings – Retention devices – Requirements and test methods (ISO 11087:2015)

HRN ISO 11088:2016 en pr
Montiranje, prilagodba i pregled sustava skija-vez-skijaška cipela (S-B-B) u alpskom skijanju (ISO 11088:2015)
Assembly, adjustment and inspection of an alpine ski/binding/boot (S-B-B) system (ISO 11088:2015)

HRN ISO 11110:2016 en pr
Zimska sportska oprema – Ispitni uređaji za stavljanje cjeline skija-skijaška cipela-vez u funkciju – Zahtjevi i ispitivanja (ISO 11110:2015)
Winter-sports equipment – Test devices for the setting of the functional unit ski/boot/binding – Requirements and tests (ISO 11110:2015)

HRN ISO 11497:2016 en pr
Skije za telemark skijanje i vezovi – Mjesto montaže vezova – Zahtjevi i metode ispitivanja (ISO 11497:1998)
Telemark skis and bindings – Binding mounting area – Requirements and test methods (ISO 11497:1998)

HRN ISO 11634:2016 en pr
Čizme za daskanje na snijegu (snowboard) – Međusklop s vezovima na dasci za snijeg (snowboard) (ISO 11634:1996)
Snowboard-boots – Interface with snowboard bindings (ISO 11634:1996)

HRN ISO 11634:2016/Ispr.1:2016 en pr
Čizme za daskanje na snijegu (snowboard) – Međusklop s vezovima na dasci za snijeg (snowboard) (ISO 11634:1996/Cor 1:2007)
Snowboard-boots – Interface with snowboard bindings (ISO 11634:1996/Cor 1:2007)

HRN EN 13451-3:2016 en pr
Oprema za bazene – 3. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za dovode i odvode i naprave za zabavu na temelju vode/zraka (EN 13451-3:2011+A3:2016)
Swimming pool equipment – Part 3: Additional specific safety requirements and test methods for inlets and outlets and water/air based water leisure features (EN 13451-3:2011+A3:2016)

HRN ISO 13992:2016 en pr
Skijaški vezovi za alpsko turno skijanje – Zahtjevi i metode ispitivanja (ISO 13992:2014)
Alpine touring ski-bindings – Requirements and test methods (ISO 13992:2014)

HRN ISO 13993:2016 en pr
Praksa iznajmljivanja skijaške opreme – Uzorkovanje i pregled potpunih i nepotpunih sustava skija-vez-skijaška cipela u alpskom skijanju pri iznajmljivanju (ISO 13993:2001)
Rental ski shop practice – Sampling and inspection of complete and incomplete alpine ski-binding-boot systems in rental applications (ISO 13993:2001)

HRN ISO 14359:2016 en pr
Zimska sportska oprema – Označivanje dijelova izrađenih od polimernih materijala (ISO 14359:1997)
Winter-sports equipment – Marking of parts made of polymer materials (ISO 14359:1997)

HRN ISO 14573:2016 en pr
Mekani (strap) vezovi za daske za snijeg (snowboard) za mekane čizme – Zahtjevi i metode ispitivanja (ISO 14573:2002)
Snowboard strap bindings for soft boots – Requirements and test methods (ISO 14573:2002)

HRN ISO 14790:2016 en pr
Tvrdi (plate) vezovi za daske za snijeg (snowboard) – Zahtjevi i metode ispitivanja (ISO 14790:2005)
Snowboard plate-bindings – Requirements and test methods (ISO 14790:2005)

HRN ISO 14790:2016/Ispr.1:2016 en pr
Tvrdi (plate) vezovi za daske za snijeg (snowboard) – Zahtjevi i metode ispitivanja (ISO 14790:2005/Cor 1:2007)
Snowboard plate-bindings – Requirements and test methods (ISO 14790:2005/Cor 1:2007)

HRN ISO 15344:2016 en pr
Step-in vezovi za daske za snijeg (snowboard) – Zahtjevi i metode ispitivanja (ISO 15344:2005)
Snowboard step-in bindings – Requirements and test methods (ISO 15344:2005)

HRN ISO 22264:2016 en pr
Skijaške cipele za telemark skijanje za odrasle – Povezanost sa skijaškim vezovima za telemark skijanje – Zahtjevi i metode ispitivanja (ISO 22264:2006)
Telemark ski-boots for adults – Interface with Telemark ski-bindings – Requirements and test methods (ISO 22264:2006)

HZN/TO E9, *Električna oprema za željeznicu*

HRN EN 50553:2013/A1:2016 en pr
Željeznički sustav – Zahtjevi za mogućnost vožnje u slučaju požara na vozilu (EN 50553:2012/A1:2016)
Railway applications – Requirements for running capability in case of fire on board of rolling stock (EN 50553:2012/A1:2016)

HRN EN 61375-2-3:2015/Ispr.1:2016 en pr
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 2-3: Komunikacijski profil TCN-a (IEC 61375-2-3:2015/Corr.1:2015; EN 61375-2-3:2015/AC:2016)
Electronic railway equipment – Train communication network (TCN) – Part 2-3: TCN communication profile (IEC 61375-2-3:2015/Corr.1:2015; EN 61375-2-3:2015/AC:2016)

HRN EN 62621:2016 en pr
Željeznički sustav – Stabilna postrojenja – Električna vuča – Posebni zahtjevi za kompozitne izolatore za sustave nadzemnih kontaktnih vodova (IEC 62621:2011; EN 62621:2016)
Railway applications – Fixed installations – Electric traction – Specific requirements for composite insulators used for overhead contact line systems (IEC 62621:2011; EN 62621:2016)

HZN/TO E11, *Nadzemni vodovi*

HRN EN 50341-2-22:2016 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-22: Nacionalni normativni aspekti (NNA) za Poljsku (na temelju EN 50341-1:2012) (EN 50341-2-22:2016)
Overhead electrical lines exceeding AC 1 kV – Part 2-22: National Normative Aspects (NNA) for Poland (based on EN 50341-1:2012) (EN 50341-2-22:2016)

HRN EN 50341-2-4:2016 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-4: Nacionalni normativni aspekti (NNA) za Njemačku (na temelju EN 50341-1:2012) (EN 50341-2-4:2016)
Overhead electrical lines exceeding AC 1 kV – Part 2-4: National Normative Aspects (NNA) for Germany (based on EN 50341-1:2012) (EN 50341-2-4:2016)

HZN/TO E20, *Električni kabeli*

HRN EN 50575:2014/A1:2016 en pr
Energetski, upravljački i komunikacijski kabeli – Kabeli za opću uporabu pri gradnji koji podliježu zahtjevima zaštite od požara (EN 50575:2014/A1:2016)
Power, control and communication cables – Cables for general applications in construction works subject to reaction to fire requirements (EN 50575:2014/A1:2016)

HZN/TO E22, *Energetska elektronika*

HRN EN 61800-7-1:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-1: Generičko sučelje i uporaba profila za elektromotorne sustave – Definicija sučelja (IEC 61800-7-1:2015; EN 61800-7-1:2016)
Adjustable speed electrical power drive systems – Part 7-1: Generic interface and use of profiles for power drive systems – Interface definition (IEC 61800-7-1:2015; EN 61800-7-1:2016)

HRN EN 61800-7-201:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-201: Generičko sučelje i uporaba profila za elektromotorne sustave – Specifikacija za profil tipa 1 (IEC 61800-7-201:2015; EN 61800-7-201:2016)
Adjustable speed electrical power drive systems – Part 7-201: Generic interface and use of profiles for power drive systems – Profile type 1 specification (IEC 61800-7-201:2015; EN 61800-7-201:2016)

HRN EN 61800-7-202:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-202: Generičko sučelje i uporaba profila za elektromotorne sustave – Specifikacija za profil tipa 2 (IEC 61800-7-202:2015; EN 61800-7-202:2016)
Adjustable speed electrical power drive systems – Part 7-202: Generic interface and use of profiles for power drive systems – Profile type 2 specification (IEC 61800-7-202:2015; EN 61800-7-202:2016)

HRN EN 61800-7-203:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-203: Generičko sučelje i uporaba profila za elektromotorne sustave – Specifikacija za profil tipa 3 (IEC 61800-7-203:2015; EN 61800-7-203:2016)
Adjustable speed electrical power drive systems – Part 7-203: Generic interface and use of profiles for power drive systems – Profile type 3 specification (IEC 61800-7-203:2015; EN 61800-7-203:2016)

HRN EN 61800-7-204:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-204: Generičko sučelje i uporaba profila za elektromotorne sustave – Specifikacija za profil tipa 4 (IEC 61800-7-204:2015; EN 61800-7-204:2016)
Adjustable speed electrical power drive systems – Part 7-204: Generic interface and use of profiles for power drive systems – Profile type 4 specification (IEC 61800-7-204:2015; EN 61800-7-204:2016)

HRN EN 61800-7-301:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-301: Generičko sučelje i uporaba profila za elektromotorne sustave – Pridruživanje profila tipa 1 u mrežne tehnike (IEC 61800-7-301:2015; EN 61800-7-301:2016)
Adjustable speed electrical power drive systems – Part 7-301: Generic interface and use of profiles for power drive systems – Mapping of profile type 1 to network technologies (IEC 61800-7-301:2015; EN 61800-7-301:2016)

HRN EN 61800-7-302:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-302: Generičko sučelje i uporaba profila za elektromotorne sustave – Pridruživanje profila tipa 2 u mrežne tehnike (IEC 61800-7-302:2015; EN 61800-7-302:2016)
Adjustable speed electrical power drive systems – Part 7-302: Generic interface and use of profiles for power drive systems – Mapping of profile type 2 to network technologies (IEC 61800-7-302:2015; EN 61800-7-302:2016)

HRN EN 61800-7-303:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-303: Generičko sučelje i uporaba profila za elektromotorne sustave – Pridruživanje profila tipa 3 u mrežne tehnike (IEC 61800-7-303:2015; EN 61800-7-303:2016)
Adjustable speed electrical power drive systems – Part 7-303: Generic interface and use of profiles for power drive systems – Mapping of profile type 3 to network technologies (IEC 61800-7-303:2015; EN 61800-7-303:2016)

HRN EN 61800-7-304:2016 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 7-304: Generičko sučelje i uporaba profila za elektromotorne sustave – Pridruživanje profila tipa 4 u mrežne tehnike (IEC 61800-7-304:2015; EN 61800-7-304:2016)
Adjustable speed electrical power drive systems – Part 7-304: Generic interface and use of profiles for power drive systems – Mapping of profile type 4 to network technologies (IEC 61800-7-304:2015; EN 61800-7-304:2016)

HZN/TO E23, *Električni instalacijski pribor*

HRN EN 60320-1:2015/Ispr.1:2016 en pr
Aparatni utični pribor za kućanstvo i slične opće svrhe – 1. dio: Opći zahtjevi (IEC 60320-1:2015/Corr.1:2016; EN 60320-1:2015/AC:2016)
Appliance couplers for household and similar general purposes – Part 1: General requirements (IEC 60320-1:2015/Corr.1:2016; EN 60320-1:2015/AC:2016)

HRN EN 61242:2002/A2:2016 en pr
Električni pribor – Namatalice kabela za kućanstvo i slične svrhe (IEC 61242:1995/am2:2015; EN 61242:1997/A2:2016)
Electrical accessories – Cable reels for household and similar purposes (IEC 61242:1995/am2:2015; EN 61242:1997/A2:2016)

HRN EN 61914:2016 en pr
Kabelske obujmice za električne instalacije (IEC 61914:2015; EN 61914:2016)
Cable cleats for electrical installations (IEC 61914:2015; EN 61914:2016)

HZN/TO E31, *Eksplozivne atmosfere*

HRN EN ISO 80079-20-2:2016 en pr
Eksplozivne atmosfere – Dio 20-2: Karakteristike materijala – Metode ispitivanja zapaljive prašine (ISO/IEC 80079-20-2:2016; EN ISO/IEC 80079-20-2:2016)
Explosive atmospheres – Part 20-2: Material characteristics – Combustible dusts test methods (ISO/IEC 80079-20-2:2016; EN ISO/IEC 80079-20-2:2016)

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

HRN EN 60929:2012/A1:2016 en pr
Elektroničke predspojne naprave koje se napajaju izmjeničnom i/ili istosmjernom strujom namijenjene fluorescentnim cijevima – Izvedbeni zahtjevi (IEC 60929:2011/am1:2015; EN 60929:2011/A1:2016)
AC and/or DC-supplied electronic control gear for tubular fluorescent lamps – Performance requirements (IEC 60929:2011/am1:2015; EN 60929:2011/A1:2016)

HRN EN 61048:2009/A1:2016 en pr
Pribor za žarulje – Kondenzatori za spojeve s fluorescentnim cijevima i drugim žaruljama s izbojem – Opći i sigurnosni zahtjevi (IEC 61048:2006/am1:2015; EN 61048:2006/A1:2016)
Auxiliaries for lamps – Capacitors for use in tubular fluorescent and other discharge lamp circuits – General and safety requirements (IEC 61048:2006/am1:2015; EN 61048:2006/A1:2016)

HRN EN 62386-101:2016 en pr
Digitalno upravljanje rasvjetom – 101. dio: Opći zahtjevi – Komponente sustava (IEC 62386-101:2014; EN 62386-101:2014)
Digital addressable lighting interface – Part 101: General requirements – System components (IEC 62386-101:2014; EN 62386-101:2014)

HRN EN 62386-102:2016 en pr
Digitalno upravljanje rasvjetom – 102. dio: Opći zahtjevi – Predspojne naprave (IEC 62386-102:2014; EN 62386-102:2014)
Digital addressable lighting interface – Part 102: General requirements – Control gear (IEC 62386-102:2014; EN 62386-102:2014)

HRN EN 62386-103:2016 en pr
Digitalno upravljanje rasvjetom – 103. dio: Opći zahtjevi – Upravljački uređaji (IEC 62386-103:2014; EN 62386-103:2014)
Digital addressable lighting interface – Part 103: General requirements – Control devices (IEC 62386-103:2014; EN 62386-103:2014)

HZN/TO E42, *Visokonaponska ispitivanja*

HRN EN 60270:2002/A1:2016 en pr
Visokonaponske ispitne tehnike – Mjerenje parcijalnih izbijanja (IEC 60270:2000/am1:2015; EN 60270:2001/A1:2016)
High-voltage test techniques – Partial discharge measurements (IEC 60270:2000/am1:2015; EN 60270:2001/A1:2016)

HZN/TO E45, *Nuklearna instrumentacija*

HRN EN 61227:2016 en pr
Nuklearne elektrane – Kontrolne sobe – Naredbe operatora (IEC 61227:2008; EN 61227:2016)
Nuclear power plants – Control rooms – Operator controls (IEC 61227:2008; EN 61227:2016)

HRN EN 62387:2016 en pr
Instrumentacija u zaštiti od zračenja – Pasivni integrirajući dozimetrijski sustavi za nadziranje fotonskog i beta zračenja osoba, radnog mjesta i okoliša (IEC 62387:2012, MOD; EN 62387:2016)
Radiation protection instrumentation – Passive integrating dosimetry systems for individual, workplace and environmental monitoring of photon and beta radiation (IEC 62387:2012, MOD; EN 62387:2016)

HRN EN 62533:2016 en pr
Instrumentacija u zaštiti od zračenja – Visoko osjetljivi ručni instrumenti za detekciju fotona kod radioaktivnih materijala (IEC 62533:2010, MOD; EN 62533:2016)
Radiation protection instrumentation – Highly sensitive hand-held instruments for photon detection of radioactive material (IEC 62533:2010, MOD; EN 62533:2016)

HZN/TO E57, *Upravljanje energetskim sustavom i pridružene komunikacije*

HRN EN 60870-5-101:2005/A1:2016 en pr
Oprema i sustavi daljinskog upravljanja – Dio 5-101: Prijenosni protokoli – Prateća norma za osnovne zadatke daljinskog upravljanja (IEC 60870-5-101:2003/am1:2015; EN 60870-5-101:2003/A1:2016)
Telecontrol equipment and systems – Part 5-101: Transmission protocols – Companion standard for basic telecontrol tasks (IEC 60870-5-101:2003/am1:2015; EN 60870-5-101:2003/A1:2016)

HRN EN 61850-7-410:2014/A1:2016 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 7-410: Osnovna komunikacijska struktura – Hidroelektrane – Komunikacije za nadzor i upravljanje (IEC 61850-7-410:2012/am1:2015; EN 61850-7-410:2013/A1:2016)
Communication networks and systems for power utility automation – Part 7-410: Basic communication structure – Hydroelectric power plants – Communication for monitoring and control (IEC 61850-7-410:2012/am1:2015; EN 61850-7-410:2013/A1:2016)

HZN/TO E59, *Uporabne značajke električnih kućanskih aparata*

HRN EN 50229:2015/Ispr.1:2016 en pr
Električne perilice-sušilice rublja za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (EN 50229:2015/AC:2016)
Electric clothes washer-dryers for household use – Methods of measuring the performance (EN 50229:2015/AC:2016)

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

HRN EN 60335-2-25:2012/A2:2016 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-25: Posebni zahtjevi za mikrovalne pećnice, uključujući i složene mikrovalne pećnice (IEC 60335-2-25:2010/am2:2015; EN 60335-2-25:2012/A2:2016)
Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens (IEC 60335-2-25:2010/am2:2015; EN 60335-2-25:2012/A2:2016)

HRN EN 60335-2-37:2006/A12:2016 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-37: Posebni zahtjevi ugostiteljskih električnih friteza (EN 60335-2-37:2002/A12:2016)
Household and similar electrical appliances – Safety – Part 2-37: Particular requirements for commercial electric deep fat fryers (EN 60335-2-37:2002/A12:2016)

HRN EN 60335-2-8:2015/A1:2016 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za aparate za brijanje, šišanje i slične aparate (IEC 60335-2-8:2012/am1:2015; EN 60335-2-8:2015/A1:2016)
Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances (IEC 60335-2-8:2012/am1:2015; EN 60335-2-8:2015/A1:2016)

HRN EN 60335-2-86:2008/A2:2016 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-86: Posebni zahtjevi za aparate za pecanje (IEC 60335-2-86:2002/am2:2012; EN 60335-2-86:2003/A2:2016)
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines (IEC 60335-2-86:2002/am2:2012; EN 60335-2-86:2003/A2:2016)

HRN EN 60335-2-89:2011/A1:2016 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-89: Posebni zahtjevi za komercijalne rashladne aparate s ugrađenim ili udaljenim kondenzatorom ili kompresorom
(IEC 60335-2-89:2010/am1:2012, MOD; EN 60335-2-89:2010/A1:2016)
Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor (IEC 60335-2-89:2010/am1:2012, MOD; EN 60335-2-89:2010/A1:2016)

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

HRN EN 60601-2-33:2011/Ispr.2:2016 en pr
Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke dijagnostičkih uređaja za magnetsku rezonancu (IEC 60601-2-33:2010/Corr.2:2016; EN 60601-2-33:2010/AC:2016-03)
Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis
(IEC 60601-2-33:2010/Corr.2:2016; EN 60601-2-33:2010/AC:2016-03)

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

HRN HD 60364-4-443:2016 en pr
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji – 443. odjeljak: Prenaponska zaštita od atmosferskih ili sklopnih prenapona (IEC 60364-4-44:2007/am1:2015, MOD; HD 60364-4-443:2016)
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances – Clause 443: Protection against transient overvoltages of atmospheric origin or due to switching (IEC 60364-4-44:2007/am1:2015, MOD; HD 60364-4-443:2016)

HRN HD 60364-5-53:2016 en pr
Niskonaponske električne instalacije – Dio 5-53: Odabir i ugradnja električne opreme – Sklopni i upravljački uređaji (HD 60364-5-53:2015)
Low-voltage electrical installations – Part 5-53: Selection and erection of electrical equipment – Switchgear and controlgear (HD 60364-5-53:2015)

HRN HD 60364-5-534:2016 en pr
Niskonaponske električne instalacije – Dio 5-53: Odabir i ugradnja električne opreme – Odvajanje, sklapanje i upravljanje – Točka 534: Naprave za zaštitu od prenapona
(IEC 60364-5-53:2001/am2:2015, MOD; HD 60364-5-534:2016)
Low-voltage electrical installations – Part 5-53: Selection and erection of electrical equipment – Isolation; switching and control – Clause 534: Devices for protection against transient overvoltages (IEC 60364-5-53:2001/am2:2015, MOD; HD 60364-5-534:2016)

HRN HD 60364-5-557:2014/A11:2016 en pr
Niskonaponske električne instalacije – Dio 5-557: Odabir i ugradnja električne opreme – Pomoćni strujni krugovi (HD 60364-5-557:2013/A11:2016)
Low-voltage electrical installations – Part 5-557: Selection and erection of electrical equipment – Auxiliary circuits (HD 60364-5-557:2013/A11:2016)

HRN HD 60364-7-722:2016 en pr
Niskonaponske električne instalacije – Dio 7-722: Zahtjevi za posebne instalacije ili prostore – Napajanje električnih vozila (IEC 60364-7-722:2015, MOD; HD 60364-7-722:2016)
Low-voltage electrical installations – Part 7-722: Requirements for special installations or locations – Supplies for electric vehicles (IEC 60364-7-722:2015, MOD; HD 60364-7-722:2016)

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

HRN EN 60534-2-3:2016 en pr
Regulacijski ventili za industrijske procese – Dio 2-3: Protočni kapacitet – Postupci ispitivanja (IEC 60534-2-3:2015; EN 60534-2-3:2016)
Industrial-process control valves – Part 2-3: Flow capacity – Test procedures (IEC 60534-2-3:2015; EN 60534-2-3:2016)

HRN EN 62264-4:2016 en pr
Integracija sustava za vođenje poduzeća – 4. dio: Ciljevi i značajke za integraciju upravljanja proizvodnim postupcima (IEC 62264-4:2015; EN 62264-4:2016)
Enterprise-Control System Integration – Part 4: Objects and attributes for manufacturing operations management integration (IEC 62264-4:2015; EN 62264-4:2016)

HRN EN 62601:2016 en pr
Industrijske mreže – Bežična komunikacijska mreža i komunikacijski profili – WIA-PA (Wireless network for Industrial Automation – Process Automation) (IEC 62601:2015; EN 62601:2016)
Industrial networks – Wireless communication network and communication profiles – WIA-PA (IEC 62601:2015; EN 62601:2016)

HZN/TO E72, *Naprave za automatsko upravljanje u kućanstvu*

HRN EN 60730-2-6:2016 en pr
Električne naprave za automatsko upravljanje – Dio 2-6: Posebni zahtjevi za električne regulatore tlaka, uključujući mehaničke zahtjeve (IEC 60730-2-6:2015; EN 60730-2-6:2016)
Automatic electrical controls – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements (IEC 60730-2-6:2015; EN 60730-2-6:2016)

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

HRN EN 62087-1:2016 en pr
Audio, video i pripadajuća oprema – Određivanje potrošnje energije – 1. dio: Općenito (TA 12) (IEC 62087-1:2015; EN 62087-1:2016)
Audio, video, and related equipment – Determination of power consumption – Part 1: General (IEC 62087-1:2015; EN 62087-1:2016)

HRN EN 62087-3:2016 en pr
Audio, video i pripadajuća oprema – Određivanje potrošnje energije – 3. dio: Televizijski aparati (TA 12) (IEC 62087-3:2015; EN 62087-3:2016)
Audio, video, and related equipment – Determination of power consumption – Part 3: Television sets (IEC 62087-3:2015; EN 62087-3:2016)

HRN EN 62087-4:2016 en pr
Audio, video i pripadajuća oprema – Određivanje potrošnje energije – 4. dio: Video oprema za snimanje (TA 12) (IEC 62087-4:2015; EN 62087-4:2016)
Audio, video, and related equipment – Determination of power consumption – Part 4: Video recording equipment (IEC 62087-4:2015; EN 62087-4:2016)

HRN EN 62087-5:2016 en pr
Audio, video i pripadajuća oprema – Određivanje potrošnje energije – 5. dio: STB uređaj (IEC 62087-5:2015; EN 62087-5:2016)
Audio, video and related equipment – Determination of power consumption – Part 5: Set top boxes (STB) (IEC 62087-5:2015; EN 62087-5:2016)

HRN EN 62665:2016 en pr
Multimedijski sustavi i oprema – Multimedijsko e-izdavaštvo i tehnologije e-knjiga – Mapa strukture za audio izlaganje tiskanih tekstova (IEC 62665:2015; EN 62665:2016)
Multimedia systems and equipment – Multimedia e-publishing and e-books technologies – Texture map for auditory presentation of printed texts (IEC 62665:2015; EN 62665:2016)

HZN/TO E108, *Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije*

HRN EN 60065:2015/Ispr.1:2016 en pr
Audio, video i slični elektronički uređaji – Sigurnosni zahtjevi (IEC 60065:2014/Corr.1:2015; EN 60065:2014/AC:2016)
Audio, video and similar electronic apparatus – Safety requirements (IEC 60065:2014/Corr.1:2015; EN 60065:2014/AC:2016)

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

HRN EN 61251:2016 en pr
Električni izolacijski materijali – Ocjenjivanje izdržljivosti prema djelovanju izmjeničnog napona (IEC 61251:2015; EN 61251:2016)
Electrical insulating materials and systems – A.C. voltage endurance evaluation (IEC 61251:2015; EN 61251:2016)

HRN EN 62631-3-2:2016 en pr
Dielektrična i otporna svojstva čvrstih izolacijskih materijala – Dio 3-2: Određivanje otpornih svojstava (Metode istosmjerne struje) – Površinski otpor i specifični površinski otpor (IEC 62631-3-2:2015; EN 62631-3-2:2016)
Dielectric and resistive properties of solid insulating materials – Part 3-2: Determination of resistive properties (DC Methods) – Surface resistance and surface resistivity (IEC 62631-3-2:2015; EN 62631-3-2:2016)

HRN EN 62631-3-3:2016 en pr
Dielektrična i otporna svojstva čvrstih izolacijskih materijala – Dio 3-3: Određivanje otpornih svojstava (Metode istosmjerne struje) – Otpor izolacije (IEC 62631-3-3:2015; EN 62631-3-3:2016)
Dielectric and resistive properties of solid insulating materials – Part 3-3: Determination of resistive properties (DC Methods) – Insulation resistance (IEC 62631-3-3:2015; EN 62631-3-3:2016)

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

HRN EN 55011:2016 en pr
Industrijska, znanstvena i medicinska oprema – Značajke radiosmetnja – Granice i mjerne metode (CISPR 11:2015, MOD; EN 55011:2016)
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement (CISPR 11:2015, MOD; EN 55011:2016)

HRN EN 55013:2013/A1:2016 en pr
Zvučni i televizijski radiodifuzijski prijamnici i pridružena oprema – Značajke radiosmetnja – Granice i mjerne metode (CISPR 13:2009/am1:2015, MOD; EN 55013:2013/A1:2016)
Sound and television broadcast receivers and associated equipment – Radio disturbance characteristics – Limits and methods of measurement (CISPR 13:2009/am1:2015, MOD; EN 55013:2013/A1:2016)

HRN EN 55020:2009/A12:2016 en pr
Zvučni i televizijski radiodifuzijski prijamnici i prateća oprema – Značajke otpornosti – Granice i metode mjerenja (EN 55020:2007/A12:2016)
Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement (EN 55020:2007/A12:2016)

HRN EN 61000-4-13:2008/A2:2016 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-13: Ispitne i mjerne tehnike – Ispitivanje otpornosti na harmonike i međuharmonike uključujući mrežnu dojavu na niskofrekvencijskom mrežnom priključku (IEC 61000-4-13:2002/am2:2015; EN 61000-4-13:2002/A2:2016)
Electromagnetic compatibility (EMC) – Part 4-13: Testing and measurement techniques – Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests (IEC 61000-4-13:2002/am2:2015; EN 61000-4-13:2002/A2:2016)

HRN EN 61000-4-16:2016 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-16: Ispitne i mjerne tehnike – Ispitivanje otpornosti na vodljive asimetrične smetnje u frekvencijskome opsegu od 0 Hz do 150 kHz (IEC 61000-4-16:2015; EN 61000-4-16:2016)
Electromagnetic compatibility (EMC) – Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz (IEC 61000-4-16:2015; EN 61000-4-16:2016)

HZN/TO E501, *Elektroakustika i ultrazvuk*

HRN EN 61669:2016 en pr
Elektroakustika – Mjerenje na ljudskom uhu akustičkih radnih karakteristika slušnih pomagala (IEC 61669:2015; EN 61669:2016)
Electroacoustics – Measurement of real-ear acoustical performance characteristics of hearing aids (IEC 61669:2015; EN 61669:2016)

HZN/TO E502, *Elektrotehnički aspekti telekomunikacijske opreme*

HRN EN 50600-2-5:2016 en pr
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 2-5: Sigurnosni sustavi (EN 50600-2-5:2016)
Information technology – Data centre facilities and infrastructures – Part 2-5: Security systems (EN 50600-2-5:2016)

HRN EN 50600-3-1:2016 en pr
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 3-1: Upravljanje i radni podaci (EN 50600-3-1:2016)
Information technology – Data centre facilities and infrastructures – Part 3-1: Management and operational information (EN 50600-3-1:2016)

HZN/TO T4, *Normizacija u telekomunikacijama*

HRN EN 300 676-2 V2.1.1:2016 en pr
VHF ručni, pokretni i nepokretni odašiljači, prijamnici i primoodašiljači na tlu za zrakoplovnu pokretnu službu u VHF području s amplitudnom modulacijom – 2. dio: Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU (EN 300 676-2 V2.1.1:2015)
Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation – Part 2: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU (EN 300 676-2 V2.1.1:2015)

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

HRN EN 16713-1:2016 en pr
Bazeni u kućanstvu – Vodeni sustavi – 1. dio: Sustavi za filtraciju – Zahtjevi i metode ispitivanja (EN 16713-1:2016)
Domestic swimming pools – Water systems – Part 1: Filtration systems – Requirements and test methods (EN 16713-1:2016)

HRN EN 16713-2:2016 en pr
Bazeni u kućanstvu – Vodeni sustavi – 2. dio: Sustavi optoka vode – Zahtjevi i metode ispitivanja (EN 16713-2:2016)
Domestic swimming pools – Water systems – Part 2: Circulation systems – Requirements and test methods (EN 16713-2:2016)

HRN EN 16713-3:2016 en pr
Bazeni u kućanstvu – Vodeni sustavi – 3.dio: Obrada – Zahtjevi (EN 16713-3:2016)
Domestic swimming pools – Water systems – Part 3: Treatment – Requirements (EN 16713-3:2016)

HZN/TU M1, *Metalni materijali 1*

HRN EN ISO 4499-3:2016 en pr
Tvrdi metali – Metalografsko određivanje mikrostrukture – 3. dio: Mjerenje mikrostrukturnih svojstava u tvrdim metalima na bazi Ti (C, N) i kubnih karbida WC (ISO 4499-3:2016; EN ISO 4499-3:2016)
Hardmetals – Metallographic determination of microstructure – Part 3: Measurement of microstructural features in Ti (C, N) and WC/cubic carbide based hardmetals (ISO 4499-3:2016; EN ISO 4499-3:2016)

HRN EN ISO 4499-4:2016 en pr
Tvrdi metali – Metalografsko određivanje mikrostrukture – 4. dio: Karakterizacija poroznosti, pogreške ugljika i sadržaja eta-faze (ISO 4499-4:2016; EN ISO 4499-4:2016)
Hardmetals – Metallographic determination of microstructure – Part 4: Characterisation of Porosity, Carbon Defects and Eta-phase content (ISO 4499-4:2016; EN ISO 4499-4:2016)

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

HRN EN ISO 8362-5:2016 en pr
Posude za injekcije i pribor – 5. dio: Zatvarači za injekcijske bočice koji omogućuju liofilizaciju (ISO 8362-5:2016; EN ISO 8362-5:2016)
Injection containers and accessories – Part 5: Freeze drying closures for injection vials (ISO 8362-5:2016; EN ISO 8362-5:2016)

HRN EN ISO 9693-2:2016 en pr
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)

HRN EN ISO 15912:2016 en pr
Stomatologija – Vatrostalni materijali za ulaganje i odljeve (ISO 15912:2016; EN ISO 15912:2016)
Dentistry – Refractory investment and die material (ISO 15912:2016; EN ISO 15912:2016)

HRN EN ISO 18397:2016 en pr
Stomatologija – Uređaji za skidanje kamenca (ISO 18397:2016; EN ISO 18397:2016)
Dentistry – Powered scaler (ISO 18397:2016; EN ISO 18397:2016)

HRN EN ISO 22674:2016 en pr
Stomatologija – Metalni materijali za fiksne i mobilne restoracije i naprave (ISO 22674:2016; EN ISO 22674:2016)
Dentistry – Metallic materials for fixed and removable restorations and appliances (ISO 22674:2016; EN ISO 22674:2016)

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

HRN EN ISO 3691-2:2016 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 2. dio: Vozila na vlastiti pogon s promjenjivim dometom (ISO 3691-2:2016; EN ISO 3691-2:2016)
Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks (ISO 3691-2:2016; EN ISO 3691-2:2016)

HRN EN 4072:2016 en pr
Zrakoplovstvo – Vijci, sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka uske tolerancije, kratkog navoja, od legure titana, prevučeni IVD aluminijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 425 °C (EN 4072:2016)
Aerospace series – Screws, 100° countersunk normal head, offset cruciform recess, close tolerance shank, short thread in titanium alloy, aluminium IVD coated – Classification: 1100 MPa (at ambient temperature) / 425 °C (EN 4072:2016)

HRN EN 4073:2016 en pr
Zrakoplovstvo – Vijci, s ravnom glavom, imbus vijak sa šesterokutnom glavom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija 1 100 MPa (pri temperaturi okoline) / 235 °C (EN 4073:2016)
Aerospace series – Screws, pan head, six lobe recess, coarse tolerance shank, medium length thread, in alloy steel, cadmium plated – Classification: 1 100 MPa (at ambient temperature) / 235 °C (EN 4073:2016)

HRN EN 4128:2016 en pr
Zrakoplovstvo – Vijci, normalna šesterokutna glava, normalnog struka grube tolerancije, kratkog navoja, legura na bazi nikla otporna na toplinu, prevučeni IVD aluminijem – Klasifikacija: 1250 MPa (pri temperaturi okoline) / 425 °C (EN 4128:2016)
Aerospace series – Bolts, normal hexagonal head, coarse tolerance shank, short thread, in heat resisiting nickel base alloy, aluminium IVD coated – Classification: 1250 MPa (at ambient temperature) / 425 °C (EN 4128:2016)

HRN EN 4138:2016 en pr
Zrakoplovstvo – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4138:2016)
Aerospace series – Screws, pan head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification: 1100 MPa (at ambient temperature) / 235 °C (EN 4138:2016)

HRN EN 4162:2016 en pr
Zrakoplovstvo – Vijci sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4162:2016)
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification: 1100 MPa (at ambient temperature) / 235 °C (EN 4162:2016)

HRN EN 4163:2016 en pr
Zrakoplovstvo – Vijci sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, dugog navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4163:2016)
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated – Classification: 1100 MPa (at ambient temperature) / 235 °C (EN 4163:2016)

HRN EN 4165-001:2015/Ispr.1:2016 en pr
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 001: Tehnička specifikacija (EN 4165-001:2015/AC:2016)
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification (EN 4165-001:2015/AC:2016)

HRN EN 4165-003:2016 en pr
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 003: Moduli niza 2 i niza 3 – Norma za proizvod (EN 4165-003:2016)
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continous – Part 003: Modules series 2 and series 3 – Product standard (EN 4165-003:2016)

HRN EN 4376:2016 en pr
Zrakoplovstvo – Legura otporna na toplinu NiCr19Fe19Nb5Mo3 (2.4668) obrađena otopinom i precipitatom – Šipke i profili, De ≤ 200 mm (EN 4376:2016)
Aerospace series – Heat resisting alloy NiCr19Fe19Nb5Mo3 (2.4668) solution treated and precipitation treated – Bar and section, De ≤ 200 mm (EN 4376:2016)

HRN EN 6031:2016 en pr
Zrakoplovstvo – Plastika ojačana vlaknima – Metoda ispitivanja – Određivanje svojstava smicanja u ravnini (± 45° vlačno ispitivanje) (EN 6031:2015)
Aerospace series – Fibre reinforced plastics – Test method – Determination of in-plane shear properties (± 45° tensile test) (EN 6031:2015)

HRN EN 6032:2016 en pr
Zrakoplovstvo – Plastika ojačana vlaknima – Metoda ispitivanja – Određivanje temperature prijelaza iz staklastoga u gumasto stanje (EN 6032:2015)
Aerospace series – Fibre reinforced plastics – Test method – Determination of the glass transition temperatures (EN 6032:2015)

HRN EN 6033:2016 en pr
Zrakoplovstvo – Plastika ojačana ugljičnim vlaknima – Metoda ispitivanja – Određivanje energije međuslojne lomne žilavosti – Način I – GIC (EN 6033:2015)
Aerospace series – Carbon fibre reinforced plastics – Test method – Determination of interlaminar fracture toughness energy – Mode I – GIC (EN 6033:2015)

HRN EN 6034:2016 en pr
Zrakoplovstvo – Plastika ojačana ugljičnim vlaknima – Metoda ispitivanja – Određivanje energije međuslojne lomne žilavosti – Način II – GIIC (EN 6034:2015)
Aerospace series – Carbon fibre reinforced plastics – Test method – Determination of interlaminar fracture toughness energy – Mode II – GIIC (EN 6034:2015)

HRN EN 6035:2016 en pr
Zrakoplovstvo – Plastika ojačana vlaknima – Metoda ispitivanja – Određivanje vlačne čvrstoće uzoraka s urezom i bez ureza (EN 6035:2015)
Aerospace series – Fibre reinforced plastics – Test method – Determination of notched and unnotched tensile strength (EN 6035:2015)

HRN EN 6036:2016 en pr
Zrakoplovstvo – Plastika ojačana vlaknima – Metoda ispitivanja – Određivanje tlačne čvrstoće uzoraka s urezom, bez ureza i s ispunjenim otvorom (EN 6036:2015)
Aerospace series – Fibre reinforced plastics – Test method – Determination of notched, unnotched and filled hole compression strength (EN 6036:2015)

HRN EN 6037:2016 en pr
Zrakoplovstvo – Plastika ojačana vlaknima – Metoda ispitivanja – Određivanje nosivosti (EN 6037:2015)
Aerospace series – Fibre reinforced plastics – Test method – Determination of bearing strength (EN 6037:2015)

HRN EN 6038:2016 en pr
Zrakoplovstvo – Plastika ojačana vlaknima – Metoda ispitivanja – Određivanje tlačne čvrstoće nakon udarca (EN 6038:2015)
Aerospace series – Fibre reinforced plastics – Test method – Determination of the compression strength after impact (EN 6038:2015)

HRN EN 6123:2016 en pr
Zrakoplovstvo – Završetak spojnog dijela, unutarnji konus 24°, vanjski navoj, bez proširenja – Nizovi u inčima – Norma za projektiranje (EN 6123:2016)
Aerospace series – Fitting end, 24° internal cone, external thread, flareless type – Inch series – Design standard (EN 6123:2016)

HZN/TU V1, *Elektronika 1*

HRN EN 45544-4:2016 en pr
Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 4. dio: Uputa za odabir, ugradnju, uporabu i održavanje (EN 45544-4:2016)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 4: Guide for selection, installation, use and maintenance (EN 45544-4:2016)

HRN EN 50290-2-21:2008/Ispr.1:2016 en pr
Komunikacijski kabeli – Dio 2-21: Opća pravila konstruiranja i izrada – PVC izolacijske smjese (EN 50290-2-21:2001/A1:2007/AC:2016)
Communication cables – Part 2-21: Common design rules and construction – PVC insulation compounds (EN 50290-2-21:2001/A1:2007/AC:2016)

HRN EN 50411-3-8:2016 en pr
Fibre organizers and closures to be used in optical fibre communication systems – Product specifications – Part 3-8: Fibre management system, terminal equipment box type 1 for category C (EN 50411-3-8:2016)

HRN EN 60297-3-109:2016 en pr
Mechanical structures for electrical and electronic equipment – Dimensions of mechanical structures of the 482,6 mm (19 in) series – Part 3-109: Dimensions of chassis for embedded computing devices (IEC 60297-3-109:2015; EN 60297-3-109:2016)

HRN EN 60384-19:2016 en pr
Fixed capacitors for use in electronic equipment – Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (IEC 60384-19:2015; EN 60384-19:2015)

HRN EN 60401-3:2016 en pr
Terms and nomenclature for cores made of magnetically soft ferrites – Part 3: Guidelines on the format of data appearing in manufacturers catalogues of transformer and inductor cores (IEC 60401-3:2015; EN 60401-3:2016)

HRN EN 60424-1:2016 en pr
Ferrite cores – Guidelines on the limits of surface irregularities – Part 1: General Specification (IEC 60424-1:2015; EN 60424-1:2016)

HRN EN 60424-2:2016 en pr
Ferrite cores – Guidelines on the limits of surface irregularities – Part 2: RM-cores (IEC 60424-2:2015; EN 60424-2:2016)

HRN EN 60424-3:2016 en pr
Ferrite cores – Guideline on the limits of surface irregularities – Part 3: ETD-cores, EER-cores, EC-cores and E-cores (IEC 60424-3:2015; EN 60424-3:2016)

HRN EN 60424-4:2016 en pr
Ferrite cores – Guidelines on the limits of surface irregularities – Part 4: Ring-cores (IEC 60424-4:2015; EN 60424-4:2016)

HRN EN 60793-2-10:2016 en pr
Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibre (IEC 60793-2-10:2015; EN 60793-2-10:2016)

HRN EN 60793-2-20:2016 en pr
Optička vlakna – Dio 2-30: Specifikacije proizvoda – Sekcijska specifikacija za mehanička vlakna kategorije A2 za višestruki način rada (IEC 60793-2-20:2015; EN 60793-2-20:2016)
Optical fibres – Part 2-20: Product specifications – Sectional specification for category A2 multimode fibres (IEC 60793-2-20:2015; EN 60793-2-20:2016)

HRN EN 60793-2-40:2016 en pr
Optical fibres – Part 2-40: Product specifications – Sectional specification for category A4 multimode fibres (IEC 60793-2-40:2015; EN 60793-2-40:2016)

HRN EN 60793-2-50:2016 en pr
Optička vlakna – Dio 2-50: Specifikacije proizvoda – Sekcijska specifikacija za vlakna razreda B za jedan način rada (IEC 60793-2-50:2015; EN 60793-2-50:2016)
Optical fibres – Part 2-50: Product specifications – Sectional specification for class B single-mode fibres (IEC 60793-2-50:2015; EN 60793-2-50:2016)

HRN EN 60794-1-1:2016 en pr
Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1:2015; EN 60794-1-1:2016)

HRN EN 60794-3-21:2016 en pr
Optical fibre cables – Part 3-21: Outdoor cables – Product specification for optical self-supporting aerial telecommunication cables for use in premises cabling (IEC 60794-3-21:2015; EN 60794-3-21:2016)

HRN EN 60794-4-10:2016 en pr
Optical fibre cables – Part 4-10: Family specification – Optical ground wires (OPGW) along electrical power lines (IEC 60794-4-10:2014; EN 60794-4-10:2014)

HRN EN 61076-4-116:2014/A1:2016 en pr
Konektori za elektroničku opremu – Zahtjevi za proizvod – Dio 4-116: Konektori za tiskane pločice – Specifikacija pojedinosti za dvodijelni konektor za veliku brzinu upotpunjen funkcijom oklapanja (IEC 61076-4-116:2012/am1:2015; EN 61076-4-116:2012/A1:2016)
Connectors for electronic equipment – Product requirements – Part 4-116: Printed board connectors – Detail specification for a high-speed two-part connector with integrated shielding function (IEC 61076-4-116:2012/am1:2015; EN 61076-4-116:2012/A1:2016)

HRN EN 61169-53:2016 en pr
Radio-frequency connectors – Part 53: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 16 mm with screw lock – Characteristic impedance 50 Ohm (Type S7-16) (IEC 61169-53:2015; EN 61169-53:2016)

HRN EN 61753-382-2:2016 en pr
Fibre optic interconnecting devices and passive components – Performance standard – Part 382-2: Non-connectorised single-mode bidirectional G-PON-NGA WWDM devices for category C – controlled environment (IEC 61753-382-2:2015; EN 61753-382-2:2016)

HRN EN 61754-4-100:2016 en pr
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 4-100: Type SC connector family – Simplified receptacle SC-PC connector interfaces (IEC 61754-4-100:2015; EN 61754-4-100:2016)

HRN EN 61754-6-100:2016 en pr
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 6-100: Type MU connector family – Simplified receptacle MU-PC connector interfaces (IEC 61754-6-100:2015; EN 61754-6-100:2016)

HRN EN 61755-3-32:2016 en pr
Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3-32: Connector parameters of non-dispersion shifted single mode physically contacting fibres – Angled thermoset epoxy rectangular ferrules (IEC 61755-3-32:2015; EN 61755-3-32:2016)

HRN EN 61829:2016 en pr
Photovoltaic (PV) array – On-site measurement of current-voltage characteristics (IEC 61829:2015; EN 61829:2016)

HRN EN 62077:2016 en pr
Fibre optic interconnecting devices and passive components – Fibre optic circulators – Generic specification (IEC 62077:2015; EN 62077:2016)

HRN EN 62132-1:2016 en pr
Integrated circuits – Measurement of electromagnetic immunity – Part 1: General conditions and definitions (IEC 62132-1:2015; EN 62132-1:2016)

HRN EN 62153-4-7:2016 en pr
Metallic communication cable test methods – Part 4-7: Electromagnetic compatibility (EMC) – Test method for measuring of transfer impedance ZT and screening attenuation as or coupling attenuation ac of connectors and assemblies up to and above 3 GHz – Triaxial tube in tube method (IEC 62153-4-7:2015; EN 62153-4-7:2016)

HRN EN 62317-6:2016 en pr
Ferrite cores – Dimensions – Part 6: ETD-cores for use in power supplies (IEC 62317-6:2015; EN 62317-6:2016)

HRN EN 62317-11:2016 en pr
Ferrite cores – Dimensions – Part 11: EC-cores for use in power supply applications (IEC 62317-11:2015; EN 62317-11:2016)

HRN EN 62391-1:2016 en pr
Fixed electric double-layer capacitors for use in electric and electronic equipment – Part 1: Generic specification (IEC 62391-1:2015; EN 62391-1:2016)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 50545-1:2014/A1:2016 en pr
Električna oprema za otkrivanje i mjerenje otrovnih i eksplozivnih plinova na parkiralištima za automobile i u tunelima – 1. dio: Opći izvedbeni zahtjevi i metode ispitivanja za otkrivanje i mjerenje ugljikovog monoksida i dušikovih oksida (EN 50545-1:2011/A1:2016)
Electrical apparatus for the detection and measurement of toxic and combustible gases in car parks and tunnels – Part 1: General performance requirements and test methods for the detection and measurement of carbon monoxide and nitrogen oxides (EN 50545-1:2011/A1:2016)

HRN EN 60086-2:2016 en pr
Primarne baterije – 2. dio: Fizikalne i električne specifikacije (IEC 60086-2:2015; EN 60086-2:2016)
Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:2015; EN 60086-2:2016)

HRN EN 61982-4:2016 en pr
Sekundarne baterije (osim litijevih) za pogon električnih cestovnih vozila – 4. dio: Sigurnosni zahtjevi za nikal-metalne hidridne članke i module (IEC 61982-4:2015; EN 61982-4:2016)
Secondary batteries (except lithium) for the propulsion of electric road vehicles – Part 4: Safety requirements of nickel-metal hydride cells and modules (IEC 61982-4:2015; EN 61982-4:2016)

HRN EN 62282-3-200:2016 en pr
Tehnologija gorivih ćelija – Dio 3-200: Energetski sustavi stacionarnih gorivih ćelija – Metode ispitivanja značajki (IEC 62282-3-200:2015; EN 62282-3-200:2016)
Fuel cell technologies – Part 3-200: Stationary fuel cell power systems – Performance test methods (IEC 62282-3-200:2015; EN 62282-3-200:2016)

HZN/TU Z1, *Informatika 1*

HRN EN 16234-1:2016 en pr
Okvir e-kompetencija (e-CF) – 1. dio: Okvir (EN 16234-1:2016)
E-Competence Framework (e-CF) – Part 1: Framework (EN 16234-1:2016)

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 nacrte hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrta 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 548, *Konstrukcijski eurokodovi*

nHRN EN 1993-1-4:2014/A1 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-4: Opća pravila – Dodatna pravila za nehrđajuće čelike (EN 1993-1-4:2006/A1:2015)
Eurocode 3: Design of steel structures – Part 1-4: General rules – Supplementary rules for stainless steels (EN 1993-1-4:2006/A1:2015)

nHRN EN 1993-1-4:2014/NA hrizv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-4: Opća pravila – Dodatna pravila za nehrđajuće čelike – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-4: General rules – Supplementary rules for stainless steels – National Annex

nHRN EN 1997-1:2012/NA hr izv
Eurokod 7: Geotehničko projektiranje – 1. dio: Opća pravila – Nacionalni dodatak
Eurocode 7: Geotechnical design – Part 1: General rules – National Annex

HZN/TO 556, *Osobna zaštitna oprema*

nHRN 1131 hr izv
Osobna zaštitna oprema za zaštitu od pada s visine – Čelične penjalice za drvene stupove
Personal protective equipment against falls from a height – Steel Climbing Devices for Wooden Posts

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma. Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 5, *Metalne cijevi i priključci*

prEN 1092-1 en
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 1: Steel flanges
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, spojne dijelove i pribor, označene PN oznakom – 1. dio: Čelične prirubnice

HZN/TO 8, *Brodogradnja*

FprEN ISO 7236 en
Ships and marine technology – Inland navigation vessels – Mounting attachments for demountable signal masts for push-tows (ISO 7236:2014)

EN ISO 15085:2003/prA2
Small craft – Man-overboard prevention and recovery (ISO 15085:2003/DAM 2:2016)
Mala plovila – Čovjek u moru, sprečavanje i spašavanje (ISO 15085:2003/DAM 2:2016)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN 54-2 en
Fire detection and fire alarm systems – Part 2: Control and indicating equipment
Sustavi za otkrivanje i dojavu požara – 2. dio: Kontrolna i pokazna oprema

prEN 14604 en
Smoke alarm devices
Uređaji za javljanje dimnog alarma

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

EN ISO 5395-2:2013/prA2 en
Garden equipment – Safety requirements for combustion-engine-powered lawnmowers – Part 2: Pedestrian-controlled lawnmowers – Amendment 2: Cutting means enclosure guards
(ISO 5395-2:2013/Amd 2)
Oprema za vrtove i parkove – Sigurnosni zahtjevi za kosilice trave pogonjene motorom s unutrašnjim izgaranjem – 2. dio: Ručno upravljane kosilice trave – Amandman 2: Zaštita reznog dijela alata
(ISO 5395-2:2013/Amd 2)

HZN/TO 25, *Ljevarstvo*

prEN 287-6 en
Qualification test of welders – Fusion welding – Part 6: Cast iron
Provjera osposobljenosti zavarivača – Zavarivanje taljenjem – 6. dio: Željezni lijev

prEN 1011-8 en
Welding – Recommendations for welding of metallic materials – Part 8: Welding of cast irons
Zavarivanje – Preporuke za zavarivanje metalnih materijala – 8. dio: Zavarivanje željeznih lijevova

prEN 12681-1 en
Founding – Radiographic testing – Part 1: Film techniques
Ljevarstvo – Radiografsko ispitivanje – 1. dio: Tehnika ispitivanja filmom

prEN 12681-2 en
Founding – Radiographic testing – Part 2: Techniques with digital detectors
Ljevarstvo – Radiografsko ispitivanje – 2. dio: Tehnika ispitivanja s digitalnim detektorima

HZN/TO 28, *Naftni proizvodi i maziva*

prEN ISO 2592 en
Petroleum and related products – Determination of flash and fire points – Cleveland open cup method
(ISO/DIS 2592:2016)

prEN ISO 6246 en
Petroleum products – Gum content of light and middle distillate fuels – Jet evaporation method
(ISO/DIS 6246:2016)
Naftni proizvodi – Sadržaj smole u lakim i srednjim destilatnim gorivima – Metoda isparivanja pomoću mlaznice (ISO/DIS 6246:2016)

prEN 15293 en
Automotive fuels – Ethanol (E85) automotive fuel – Requirements and test methods
Goriva za motorna vozila – Etanol (E85) gorivo za motorna vozila – Zahtjevi i metode ispitivanja

HZN/TO 34/PO 7, *Poljoprivredni i prehrambeni proizvodi; Kava, čaj, mirodije i začini*

EN ISO 6571:2009/prA1 en
Spices, condiments and herbs – Determination of volatile oil content (hydrodistillation method)
(ISO 6571:2008/Amd 1)
Mirodije, začini i bilje – Određivanje sadržaja hlapljivih ulja (metoda destilacije vodom)
(ISO 6571:2008/Amd 1)

HZN/TO 43, *Akustika*

ISO 1996-1:2016 en
Acoustics – Description, measurement and assessment of environmental noise – Part 1: Basic quantities and assessment procedures
Akustika – Opis, mjerenje i ocjenjivanje buke okoliša – 1. dio: Osnovne veličine i postupci ocjenjivanja

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 9455-13 en
Soft soldering fluxes – Test methods – Part 13: Determination of flux spattering
(ISO/DIS 9455-13:2016)
Talila za meko lemljenje – Metode ispitivanja – 13. dio: Određivanje rasprskavanja talila
(ISO/DIS 9455-13:2016)

prEN ISO 23279 en
Non-destructive testing of welds – Ultrasonic testing – Characterization of indications in welds
(ISO/DIS 23279:2016)
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Karakterizacija indikacija u zavarima
(ISO/DIS 23279:2016)

HZN/TO 116, *Uređaji i oprema za izmjenu topline*

EN 1860-1:2013/prA1 en
Appliances, solid fuels and firelighters for barbecueing – Part 1: Barbecues burning solid fuels – Requirements and test methods
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja

HZN/TO 121, *Anestetička i respiracijska oprema*

prEN 13976-1 en
Rescue systems – Transportation of incubators – Part 1: Interface conditions
Sustavi za spašavanje – Transport inkubatora – 1. dio: Uvjeti povezivanja

prEN 13976-2 en
Rescue systems – Transportation of incubators – Part 2: System requirements
Sustavi za spašavanje – Transport inkubatora – 2. dio: Zahtjevi za sustav

EN ISO 19054:2006/prA1 en
Rail systems for supporting medical equipment (ISO 19054:2005/DAM 1:2016)
Pružni sustavi za učvršćenje medicinskih uređaja (ISO 19054:2005/DAM 1:2016)

HZN/TO 134, *Gnojiva i poboljšivači tla*

prEN 14069 en
Liming materials – Denominations, specifications and labelling

prEN 16962 en
Fertilizers – Extraction of water soluble micro-nutrients in fertilizers and removal of organic compounds from fertilizer extracts

prEN 16963 en
Fertilizers – Determination of boron, cobalt, copper, iron, manganese, molybdenum and zinc using ICP-AES

prEN 16964 en
Fertilizers – Extraction of total micro-nutrients in fertilizers and removal of organic compounds from fertilizer extracts

prEN 16965 en
Fertilizers – Determination of cobalt, copper, iron, manganese and zinc using flame atomic absorption spectrometry (FAAS)

HZN/TO 135, *Nerazorna ispitivanja*

prEN ISO 16371-2 en
Non-destructive testing – Industrial computed radiography with storage phosphor imaging plates – Part 2: General principles for testing of metallic materials using X-rays and gamma rays (ISO/DIS 16371-2:2016)
Nerazorno ispitivanje – Industrijska računalna radiografija s upotrebom fosfornih ploča – 2. dio: Osnovna načela za ispitivanje metalnih materijala upotrebom X zraka i gama zraka (ISO/DIS 16371-2:2016)

HZN/TO 145, *Grafički simboli*

EN ISO 7010:2012/prA6 en
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 6:2014)
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 6:2014)

HZN/TO 146, *Kvaliteta zraka*

prEN 13284-2 en
Stationary source emissions – Determination of low range mass concentration of dust – Part 2: Automated measuring systems
Emisije iz nepokretnih izvora – Određivanje niskih razina masenih koncentracija prašine – 2. dio: Automatski mjerni sustavi

HZN/TO 147, *Kvaliteta vode*

prEN ISO 13843 en
Water quality – Requirements for establishing performance characteristics of quantitative microbiological methods (ISO/DIS 13843:2016)
Kvaliteta vode – Zahtjevi za utvrđivanje izvedbenih značajki kvantitativnih mikrobioloških metoda (ISO/DIS 13843:2016)

HZN/TO 159, *Ergonomija*

prEN ISO 9241-220 en
Ergonomics of human-computer interaction – Part 220: Processes for enabling, executing and assessing human-centred design within organizations (ISO/DIS 9241-220:2016)
Ergonomija interakcije čovjek-sustav – Dio 220: Procesi za omogućavanje, izvođenje i procjenu dizajna prilagođenog čovjeku unutar organizacija (ISO/DIS 9241-220:2016)

prEN ISO 9241-333 en
Ergonomics of human-system interaction – Part 333: Stereoscopic displays using glasses (ISO/DIS 9241-333:2016)
Ergonomija interakcije čovjek-sustav – Dio 333: Stereoskopski prikaz uporabom naočala (ISO/DIS 9241-333:2016)

HZN/TO 163, *Toplinska izolacija*

EN 13163:2012+A1:2015/FprA2 en
Thermal insulation products for buildings – Factory made expanded polystyrene (EPS) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspandiranog polistirena (EPS) – Specifikacija

prEN 16977 en
Thermal insulation products for buildings – Factory made calcium silicate (CS) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od kalcijevog silikata (CS) – Specifikacija

HZN/TO 172, *Optika i optički instrumenti*

prEN ISO 8980-1 en
Ophthalmic optics – Uncut finished spectacle lenses – Part 1: Specifications for single-vision and multifocal lenses (ISO/DIS 8980-1:2016)
Oftalmološka optika – Neoblikovane gotove naočalne leće – 1. dio: Specifikacije za jednožarišne i višežarišne leće (ISO/DIS 8980-1:2016)

prEN ISO 8980-2 en
Ophthalmic optics – Uncut finished spectacle lenses – Part 2: Specifications for power-variation lenses (ISO/DIS 8980-2:2016)

prEN ISO 11979-8 en
Ophthalmic implants – Intraocular lenses – Part 8: Fundamental requirements (ISO/DIS 11979-8:2016)
Oftalmološki implantanti – Intraokularne leće – 8. dio: Osnovni zahtjevi (ISO/DIS 11979-8:2016)

EN ISO 15798:2013/prA1 en
Ophthalmic implants – Ophthalmic viscosurgical devices (ISO 15798:2013/Damd 1:2016)
Oftalmološki implantanti – Oftalmološka viskoznokirurška sredstva (ISO 15798:2013/Damd 1:2016)

prEN ISO 21987 en
Ophthalmic optics – Mounted spectacle lenses (ISO/DIS 21987:2016)
Oftalmološka optika – Ugrađene naočalne leće (ISO/DIS 21987:2016)

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

prEN 81-58 en
Safety rules for the construction and installation of lifts – Examination and tests – Part 58: Landing doors fire resistance test
Sigurnosna pravila za konstrukciju i ugradnju dizala – Pregledavanje i ispitivanje – 58. dio: Vrata voznog okna, ispitivanje vatrootpornosti

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

EN 71-1:2014/prA1 en
Safety of toys – Part 1: Mechanical and physical properties
Sigurnost igračaka – 1. dio: Mehanička i fizikalna svojstva

HZN/TO 217, *Kozmetika*

prEN ISO 29621 en
Cosmetics – Microbiology – Guidelines for the risk assessment and identification of microbiologically low-risk products (ISO/DIS 29621:2016)
Kozmetika – Mikrobiologija – Smjernice za procjenu rizika i identifikaciju proizvoda niskoga mikrobiološkog rizika (ISO/DIS 29621:2016)

HZN/TO 228, *Usluge u turizmu*

prEN ISO 11121 en
Recreational diving services – Requirements for introductory programmes to scuba diving (ISO/DIS 11121:2016)

prEN ISO 24803 en
Recreational diving services – Requirements for recreational diving providers (ISO/DIS 24803:2016)

HZN/TO 238, *Čvrsta biogoriva*

prEN ISO 19743 en
Solid biofuels – Determination of content of heavy extraneous materials large than 3,15 mm (ISO/DIS 19743:2016)

HZN/TO 502, *Plinski uređaji*

prEN 521 en
Specifications for dedicated liquefied petroleum gas appliances – Portable vapour pressure liquefied petroleum gas appliances
Odredbe za aparate na ukapljeni naftni plin – Prenosivi aparati koji rade s tlakom parne faze ukapljenog naftnog plina

HZN/TO 503, *Metalni materijali*

prEN 1412 en
Copper and copper alloys – European numbering system
Bakar i legure bakra – Europski sustav obrojčivanja

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

prEN ISO 28706-2 en
Vitreous and porcelain enamels – Determination of resistance to chemical corrosion – Part 2: Determination of resistance to chemical corrosion by boiling acids, boiling neutral liquids, alkaline liquids and/or their vapours (ISO/DIS 28706-2:2016)
Staklasti i porculanski emajli – Određivanje otpornosti na kemijsku koroziju – 2. dio: Određivanje otpornosti na kemijsku koroziju pomoću vrijućih kiselina, vrijućih neutralnih tekućina, lužnatih tekućina i/ili njihovim parama (ISO/DIS 28706-2:2016)

EN ISO 28706-4:2016 en
Vitreous and porcelain enamels – Determination of resistance to chemical corrosion – Part 4: Determination of resistance to chemical corrosion by alkaline liquids using a cylindrical vessel (ISO 28706-4:2016)
Staklasti i porculanski emajli – Određivanje otpornosti na kemijsku koroziju – 4. dio: Određivanje otpornosti na kemijsku koroziju pomoću lužnatih tekućina upotrebom cilindrične posude (ISO 28706-4:2016)

HZN/TO 505, *Prijenos i distribucija plina*

prEN ISO 20519 en
Ships and marine technology – Specification for bunkering of gas fuelled ships (ISO/DIS 20519)

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

prEN ISO 6145-6 en
Gas analysis – Preparation of calibration gas mixtures using dynamic methods – Part 6: Critical flow orifices (ISO/DIS 6145-6:2016)
Analiza plina – Priprema umjeravanih plinskih smjesa pomoću dinamičkih volumetrijskih metoda – 6. dio: Kritične prigušnice (ISO/DIS 6145-6:2016)

HZN/TO 508, *Ambalaža i pakiranje*

FprEN 15433-6 en
Transportation loads – Measurement and evaluation of dynamic mechanical loads – Part 6: Automatic recording systems for measuring randomly occurring shock during monitoring of transports
Transportna opterećenja – Mjerenje i vrednovanje mehaničkih opterećenja – 6. dio: Automatski sustavi za snimanje i mjerenje udaraca nastalih slučajno tijekom nadziranja transporta

HZN/TO 524, *Inteligentni transportni sustavi*

EN ISO 12813:2015/prA1 en
Electronic fee collection – Compliance check communication for autonomous systems (ISO 12813:2015/DAmd 1:2016)
Elektronička naplata – Komunikacija provjere sukladnosti za autonomne sustave (ISO 12813:2015/DAmd 1:2016)

prEN ISO 13140-2 en
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to EN ISO 13141 – Part 2: Abstract test suite (ISO/DIS 13140-2:2016)
Elektronička naplata – Vrednovanje opreme u vozilu i na prometnici za utvrđivanje sukladnosti s normom EN ISO 13141 – 2. dio: Sažetak ispitnog paketa (ISO/DIS 13140-2:2016)

EN ISO 13141:2015/prA1 en
Electronic fee collection – Localisation augmentation communication for autonomous systems (ISO 13141:2015/DAmd 1:2016)
Elektronička naplata – Komunikacija pojačane lokalizacije za autonomne sustave (ISO 13141:2015/DAmd 1:2016)

prEN ISO 13143-2 en
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to EN ISO/TS 12813 – Part 2: Abstract test suite (ISO/DIS 13143-2:2016)
Elektronička naplata – Vrednovanje opreme u vozilu i na prometnici za utvrđivanje sukladnosti s tehničkom specifikacijom EN ISO/TS 12813 – 2. dio: Sažetak ispitnog paketa (ISO/DIS 13143-2:2016)

FprCEN ISO/TS 14907-2 en
Electronic fee collection – Test procedures for user and fixed equipment – Part 2: Conformance test for the on-board unit application interface (ISO/DTS 14907-2:2016)
Elektronička naplata – Ispitni postupci za korisničku i nepomičnu opremu – 2. dio: Ispitivanje sukladnosti sučelja aplikacije za uređaje ugrađene u vozilo (ISO/DTS 14907-2:2016)

prEN 15876-1 en
Electronic fee collection – Conformity evaluation of on-board and roadside equipment to EN 15509 – Part 1: Test suite structure and test purposes
Elektronička naplata – Vrednovanje sukladnosti opreme u vozilu i opreme na prometnici s normom EN 15509 – 1. dio: Struktura ispitnog paketa i svrhe ispitivanja

prEN 15876-2 en
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to EN 15509 – Part 2: Abstract test suite
Elektronička naplata – Vrednovanje opreme u vozilu i na prometnici za utvrđivanje sukladnosti s normom EN 15509 – 2. dio: Sažetak ispitnog paketa

FprCEN/TS 16986 en
Electronic Fee Collection – Interoperable application profiles for information exchange between Service Provision and Toll Charging
Elektronička naplata – Interoperabilni aplikacijski profil za razmjenu podataka između pružanja usluge i naplate cestarine

HZN/TO 526, *Bitumenska veziva*

prEN 1431 en
Bitumen and bituminous binders – Determination of residual binder and oil distillate from bitumen emulsions by distillation
Bitumen i bitumenska veziva – Određivanje ostatka veziva i uljnog destilata iz bitumenskih emulzija destilacijom

HZN/TO 528, *Oprema za željeznice*

EN 13481-2:2012/FprA1:2016 en
Railway applications – Track – Performance requirements for fastening systems – Part 2: Fastening systems for concrete sleepers
Željeznički sustav – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnoga pričvrsnog pribora – 2. dio: Kolosiječni pričvrsni pribor za betonske pragove

EN 13481-5:2012/FprA1:2016 en
Railway applications – Track – Performance requirements for fastening systems – Part 5: Fastening systems for slab track with rail on the surface or rail embedded in a channel
Željeznički sustav – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnoga pričvrsnog pribora – 5. dio: Kolosiječni pričvrsni pribor za kolosijek na čvrstoj podlozi

EN 15153-1:2013/FprA1:2016 en
Railway applications – External visible and audible warning devices for trains – Part 1: Head, marker and tail lamps
Željeznički sustav – Uređaji za vanjska vizualna i zvučna upozorenja za vlakove – 1. dio: Glavna, signalna i završna rasvjeta

EN 15273-1:2013/FprA1 en
Railway applications – Gauges – Part 1: General – Common rules for infrastructure and rolling stock
Željeznički sustav – Profili – 1. dio: Općenito – Zajednička pravila za infrastrukturu i željeznička vozila

EN 15273-2:2013/FprA1 en
Railway applications – Gauges – Part 2: Rolling stock gauge
Željeznički sustav – Profili – 2. dio: Profil željezničkih vozila

EN 15273-3:2013/FprA1:2016 en
Railway applications – Gauges – Part 3: Structure gauges
Željeznički sustav – Profili – 3. dio: Slobodni profili

prEN 16951-2 en
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Procedures for assessing long term performance – Part 2: Non-acoustic characteristics
Željeznički sustav – Željeznički gornji ustroj – Zvučne zapreke i odgovarajući uređaji koji djeluju na rasprostiranje zvuka zrakom – Postupci za procjenjivanje dugoročne učinkovitosti – 2. dio: Neakustična svojstva

HZN/TO 529, *Granici, dizalice i prenosila neprekidne dobave*

ISO 8566-2:2016 en
Cranes – Cabins and control stations – Part 2: Mobile cranes
Granici – Kabine i upravljačke postaje – 2. dio: Mobilni granici

EN 13001-3-1:2012+A1:2013/prA2 en
Cranes – General Design – Part 3-1: Limit States and proof competence of steel structure
Granici – Opće projektiranje – Dio 3-1: Granična stanja i dokaz sigurnosti za čelične nosive konstrukcije

prEN 13001-3-4 en
Cranes – General design – Part 3-4: Limit states and proof of competence of machinery – Bearings

prEN 13001-3-6 en
Cranes – General design --- Part 3-6: Limit states and proof of competence of machinery – Hydraulic cylinders

HZN/TO 531, *Plastika i guma*

prEN ISO 294-1 en
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 1: General principles, and moulding of multipurpose and bar test specimens (ISO/DIS 294-1:2016)
Plastika – Injekcijsko prešani ispitci plastomernih materijala – 1. dio: Opća načela i prešanje višenamjenskih ispitaka i štapića (ISO/DIS 294-1:2016)

prEN ISO 4589-1 en
Plastics – Determination of burning behaviour by oxygen index – Part 1: Guidance (ISO/DIS 4589-1:2016)
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 1. dio: Smjernice (ISO/DIS 4589-1:2016)

prEN ISO 4589-2 en
Plastics – Determination of burning behaviour by oxygen index – Part 2: Ambient-temperature test (ISO/DIS 4589-2:2016)
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 2. dio: Ispitivanje pri sobnoj temperaturi (ISO/DIS 4589-2:2016)

prEN ISO 4589-3 en
Plastics – Determination of burning behaviour by oxygen index – Part 3: Elevated-temperature test (ISO/DIS 4589-3:2016)
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 3. dio: Ispitivanje pri povišenoj temperaturi (ISO/DIS 4589-3:2016)

prEN ISO 15023-1 en
Plastics – Poly(vinyl alcohol) (PVAL) materials – Part 1: Designation system and basis for specifications (ISO/DIS 15023-1:2016)
Plastika – Poli(vinil-alkoholni) (PVAL) materijali – 1. dio: Sustav označivanje i osnove za specifikacije (ISO/DIS 15023-1:2016)

HZN/TO 534, *Spremnici za teret*

prEN 16972 en
Road vehicles – Carrying vehicles for swap bodies class C, swap tanks class C and 20' ISO containers – Interface dimensions
Cestovna vozila – Teretna vozila za rasklopive sanduke razreda C, rasklopive spremnike razreda C i kontejnere 20' prema ISO-u – Dimenzije sučelja

prEN 16973 en
Road vehicles for combined goods transport – Semitrailer – Vertical transhipment
Cestovna vozila za kombinirani transport – Poluprikolica – Vertikalno dizanje

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

EN 13241-1:2003+A1:2011/FprA2 en
Industrial, commercial, garage doors and gates – Product standard, performance characteristics

EN 14351-1:2006+A1:2010/FprA2 en
Windows and doors – Product standard, performance characteristics – Part 1: Windows and external pedestrian doorsets

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

prEN ISO 5459 en
Geometrical product specifications (GPS) – Geometrical tolerancing – Datums and datum systems (ISO/DIS 5459:2016)
Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Reference i sustavi referenci (ISO/DIS 5459:2016)

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

FprCEN/TR 15232-2 en
Energy performance of buildings – Part 2: Accompanying TR prEN 15232-1:2015 – Modules M10-4,5,6,7,8,9,10
Energijske značajke zgrada – 2. dio: Prateći TR prEN 15232-1:2015 – Moduli M10-4,5,6,7,8,9,10

HZN/TO 544, *Strojni elementi*

prEN ISO 4032 en
Hexagon regular nuts (style 1) – Product grades A and B (ISO/DIS 4032:2016)
Šesterokutne matice (tip 1) – Proizvod kvalitete izrade A i B (ISO/DIS 4032:2016)

prEN ISO 4033 en
Hexagon high nuts (style 2) – Product grades A and B (ISO/DIS 4033:2016)
Šesterokutne visoke matice (tip 2) – Proizvod kvalitete izrade A i B (ISO/DIS 4033:2016)

prEN ISO 4034 en
Hexagon regular nuts (style 1) – Product grade C (ISO/DIS 4034:2016)
Šesterokutne matice (tip 1) – Proizvod kvalitete izrade C (ISO/DIS 4034:2016)

prEN ISO 4035 en
Hexagon thin nuts (style 0), chamfered – Product grades A and B (ISO/DIS 4035:2016)
Šesterokutne niske skošene matice (tip 0) – Proizvod kvalitete izrade A i B (ISO/DIS 4035:2016)

prEN ISO 7040 en
Prevailing torque hexagon regular nuts (with non-metallic insert) – Product grades A and B (ISO/DIS 7040:2016)
Šesterokutne matice s osiguranjem od odvijanja nemetalnim uloškom – Proizvod kvalitete izrade A i B (ISO/DIS 7040:2016)

prEN ISO 7042 en
Prevailing torque (all-metal) hexagon high nuts – Product grades A and B (ISO/DIS 7042:2016)
Šesterokutne visoke matice s osiguranjem od odvijanja u cijelosti izrađene od metala – Proizvod kvlitete izrade A i B (ISO/DIS 7042:2016)

prEN ISO 7719 en
Prevailing torque (all-metal) hexagon regular nuts – Product grades A and B (ISO/DIS 7719:2016)
Šesterokutne matice s osiguranjem od odvijanja u cijelosti izrađene od metala – Proizvod kvlitete izrade A i B (ISO/DIS 7719:2016)

prEN ISO 8673 en
Hexagon regular nuts (style 1), with fine pitch thread – Product grades A and B (ISO/DIS 8673:2016)
Šesterokutne matice (tip 1) s finim navojem – Proizvod kvlitete izrade A i B (ISO/DIS 8673:2016)

prEN ISO 8674 en
Hexagon high nuts (style 2), with fine pitch thread – Product grades A and B (ISO/DIS 8674:2016)
Šesterokutne visoke matice (tip 2) s finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO/DIS 8674:2016)

prEN ISO 8675 en
Hexagon thin nuts (style 0) chamfered, with fine pitch thread – Product grades A and B (ISO/DIS 8675:2016)
Šesterokutne niske skošene matice (tip 1) s finim navojem – Proizvod kvalitete izrade A i B (ISO/DIS 8675:2016)

prEN ISO 10511 en
Prevailing torque hexagon thin nuts (with non-metallic insert) – Product grades A and B (ISO/DIS 10511:2016)
Šesterokutne niske matice s osiguranjem od odvijanja nemetalnim uloškom – Proizvod kvalitete izrade A i B (ISO/DIS 10511:2016)

prEN ISO 10512 en
Prevailing torque hexagon regular nuts (with non-metallic insert), with fine pitch thread – Product grades A and B (ISO/DIS 10512:2016)
Šesterokutne matice s finim navojem i osiguranjem od odvijanja nemetalnim uloškom – Proizvod kvalitete izrade A i B (ISO/DIS 10512:2016)

prEN ISO 10513 en
Prevailing torque (all-metal) hexagon high nuts, with fine pitch thread – Product grades A and B (ISO/DIS 10513:2016)
Šesterokutne visoke matice s finim navojem i osiguranjem od odvijanja – Proizvod kvalitete izrade A i B (ISO/DIS 10513:2016)

HZN/TO 551, *Gradnja*

prEN 15643-5 en
Sustainability of construction works – Sustainability assessment of buildings and civil engineering works – Part 5: Framework for the assessment of sustainability performance of civil engineering works
Održivost građevina – Ocjenjivanje održivosti zgrada i inženjerskih građevina – 5. dio: Okvir za ocjenjivanje svojstava održivosti inženjerskih građevina

HZN/TO 555, *Medicinski proizvodi*

prEN ISO 10993-16 en
Biological evaluation of medical devices – Part 16: Toxicokinetic study design for degradation products and leachables (ISO/DIS 10993-16:2016)
Biološka procjena medicinskih proizvoda – 16. dio: Nacrt toksikokinetičkog istraživanja za istrošene proizvode i lužine (ISO/DIS 10993-16:2016)

prEN ISO 14644-13 en
Cleanrooms and associated controlled environments – Part 13: Cleaning of surfaces to achieve defined levels of cleanliness in terms of particle and chemical classifications (ISO/DIS 14644-13:2016)
Čisti prostori i odgovarajuća kontrolirana okolina – 13. dio: Čišćenje površina do utvrđene razine čistoće prema koncentraciji čestica i kemijskoj koncentraciji (ISO/DIS 14644-13:2016)

HZN/TO 556, *Osobna zaštitna oprema*

prEN 360 en
Personal protective equipment against falls from a height – Retractable type fall arresters
Osobna zaštitna oprema protiv pada s visine – Naprave za zaustavljanje pada s uvlačivom trakom

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

EN ISO 4126-1:2013/FprA1 en
Safety devices for protection against excessive pressure – Part 1: Safety valves
(ISO 4126-1:2013/FDAM 1:2016)
Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 1. dio: Sigurnosni zaporni uređaji
(ISO 4126-1:2013/FDAM 1:2016)

EN ISO 4126-5:2013/FprA1 en
Safety devices for protection against excessive pressure – Part 5: Controlled safety pressure relief systems (CSPRS) (ISO 4126-5:2013/FDAM 1:2016)
Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 5. dio: Upravljani sigurnosni sustavi za rasterećenje tlaka (ISO 4126-5:2013/FDAM 1:2016)

EN ISO 4126-7:2013/FprA1 en
Safety devices for protection against excessive pressure – Part 7: Common data
(ISO 4126-7:2013/FDAM 1:2016)
Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 7. dio: Zajednički podaci
(ISO 4126-7:2013/FDAM 1:2016)

HZN/TO 560, *Tekstilni proizvodi*

FprEN 1102 en
Textiles and textile products – Burning behaviour – Curtains and drapes – Detailed procedure to determine the flame spread of vertically oriented specimens
Tekstil i tekstilni proizvodi – Ponašanje pri gorenju – Zavjese i zastori – Detaljni postupak za određivanje ponašanja pri gorenju vertikalno postavljenih uzoraka

FprEN ISO 5089 en
Textiles – Preparation of laboratory test samples and test specimens for chemical testing (ISO 5089:1977)
Tekstil – Priprema laboratorijskih testnih uzoraka i testnih primjeraka za kemijska ispitivanja (ISO 5089:1977)

prEN ISO 6179 en
Rubber, vulcanized or thermoplastic – Rubber sheets and rubber-coated fabrics – Determination of transmission rate of volatile liquids (gravimetric technique) (ISO/DIS 6179:2016)
Vulkanizirana ili termoplastična guma – Gumene plahte i tkanine presvučene gumom – Određivanje stupnja prolaza isparivih tekućina (gravimetrijska metoda) (ISO/DIS 6179:2016)

prEN 13402-3 en
Size designation of clothes – Part 3: Body measurements and intervals
Označivanje veličina odjeće – 3. dio: Mjere i intervali

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

EN 764-1:2015/FprA1:2016 en
Pressure equipment – Part 1: Vocabulary
Tlačna oprema – 1. dio: Terminološki rječnik

prEN ISO 11363-1 en
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 1: Specifications (ISO/DIS 11363-1:2016)
Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – 1. dio: Specifikacije (ISO/DIS 11363-1:2016)

prEN ISO 11363-2 en
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 2: Inspection gauges (ISO/DIS 11363-2:2016)
Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – 2. dio: Pregled kontrolnikom (ISO/DIS 11363-2:2016)

EN 13445-4:2014/FprA1 en
Unfired pressure vessels – Part 4: Fabrication
Neložene tlačne posude – 4. dio: Proizvodnja

prEN ISO 13769 en
Gas cylinders – Stamp marking (ISO/DIS 13769:2016)
Plinske boce – Označivanje žigovima (ISO/DIS 13769:2016)

prEN ISO 14456 en
Gas cylinders – Gas properties and associated classification (FTSC) codes (ISO 14456:2015)
Plinske boce – Svojstva plina i pridružena klasifikacijska (FTSC) oznaka (ISO 14456:2015)

prEN ISO 17879 en
Gas cylinders – Self-closing cylinder valves – Specification and type testing (ISO/DIS 17879:2016)
Plinske boce – Samozatvarajući ventili za boce – Specifikacije i tipno ispitivanje (ISO/DIS 17879:2016)

HZN/TO 562, *Alatni strojevi i alati*

prEN ISO 19085-7 en
Woodworking machines – Safety – Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO/DIS 19085-7:2016)

HZN/TO 564, *Uljarice, biljna i životinjska ulja i masti*

prEN ISO 11702 en
Animal and vegetable fats and oils – Enzymatic determination of total sterols content (ISO/DIS 11702:2016)
Životinjske i biljne masti i ulja – Enzimsko određivanje količine ukupnih sterola (ISO/DIS 11702:2016)

HZN/TO 568, *Analize hrane - Horizontalne metode*

prEN ISO 19343 en
Microbiology of the food chain – Detection and quantification of histamine in fish and fishery products – HPLC method (ISO/DIS 19343:2016)

prEN ISO 21872 en
Microbiology of the food chain – Horizontal method for the detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus (ISO/DIS 21872:2016)

HZN/TO 569, *Hrana za životinje*

prEN 16967 en
Animal feeding stuffs: Methods of sampling and analysis – Predictive equations for metabolizable energy in complete and complementary pet food for cats and dogs (including dietic food)

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

prEN 16579 en
Playing field equipment – Portable and fixed goals – Functional, safety requirements and test methods
Oprema za sportska igrališta – Prijenosni i učvršćeni golovi – Funkcionalni i sigurnosni zahtjevi i metode ispitivanja

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

prEN 15224 en
Health care services – Quality management systems – Requirements based on EN ISO 9001:2015
Usluge u zdravstvu – Sustavi upravljanja kvalitetom – Zahtjevi utemeljeni na EN ISO 9001:2015

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

FprEN 62559-3:2016 en
Use case methodology – Part 3: Definition of use case template artefacts into an XML serialized format (IEC 62559-3:201X)

HZN/TO E9, *Električna oprema za željeznicu*

prEN 50155:2016 en
Railway applications – Electronic equipment used on rolling stock
Željeznički sustav – Elektronička oprema na željezničkim vozilima

prEN 50657 en
Railway applications – Rolling stock applications – Software on board of rolling stock, excluding railway control and protection applications

FprEN 60077-1:2016 en
Railway applications – Electric equipment for rolling stock – Part 1: General service conditions and general rules (IEC 60077-1:201X)
Željeznički sustav – Električna oprema za željeznička vozila – 1. dio: Opći radni uvjeti i opća pravila (IEC 60077-1:201X)

FprEN 60077-2:2016 en
Railway applications – Electric equipment for rolling stock – Part 2: Electrotechnical components – General rules (IEC 60077-2:201X)
Željeznički sustav – Električna oprema za željeznička vozila – 2. dio: Elektrotehničke komponente – Opća pravila (IEC 60077-2:201X)

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

FprEN 62056-5-3:2016 en
Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3:201X)
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 5-3: Sloj primjene DLMS/COSEM-a (IEC 62056-5-3:201X)

FprEN 62056-7-3:2016 en
Electricity metering data exchange – The DLMS/COSEM suite – Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks (IEC 62056-7-3:201X)
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering)—Dio 7-3: Žična i bezžični M-Bus komunikacijski profili za lokalne i susjedne mreže (IEC 62056-7-3:201X)

HZN/TO E17, *Sklopni i upravljački uređaji*

FprEN 61439-1:2016 en
Low-voltage switchgear and controlgear assemblies – Part 1: General rules (IEC 61439-1:201X)
Niskonaponski sklopni blokovi – 1. dio: Opća pravila (IEC 61439-1:201X)

FprEN 61439-2:2016 en
Low-voltage switchgear and controlgear assemblies – Part 2: Power switchgear and controlgear assemblies (IEC 61439-2:201X)
Niskonaponski sklopni blokovi – 2. dio: Energetski sklopni blokovi i upravljački uređaji (PSC) (IEC 61439-2:201X)

HZN/TO E20, *Električni kabeli*

FprEN 60230:2016 en
Impulse tests on cables and their accessories (IEC 60230:201X)
Ispitivanja udarnim naponom za kabele i kabelski pribor (IEC 60230:201X)

HZN/TO E22, *Energetska elektronika*

EN 61954:2011/FprA2:2016 en
Static VAR compensators (SVC) – Testing of thyristor valves (IEC 61954:2011/am2:201X)
Statički kompenzatori jalove snage (SVC) – Ispitivanje tiristorskih ventila (IEC 61954:2011/am2:201X)

IEC/TR 62543:2011/am1:2013 en
High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC)
Prijenos energije u sustavu istosmjerne struje visokog napona (HVDC) uporabom pretvarača s naponskim ulazom (VSC)

IEC/TS 62578:2015 en
Power electronics systems and equipment – Operation conditions and characteristics of active infeed converter (AIC) applications including design recommendations for their emission values below 150 kHz
Sustavi i oprema energetske elektronike – Radni uvjeti i značajke primjena aktivnih pretvaračkih izvora energije (AIC) uključujući dizajn i preporuke za njihove vrijednosti emisije ispod 150 kHz

FprEN 62927:2016 en
Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical Testing (IEC 62927:201X)
Naponski izvor pretvarača ventila za statičke sinkrone kompenzatore (STATCOM) – Električna ispitivanja (IEC 62927:201X)

HZN/TO E23, *Električni instalacijski pribor*

EN 61009-1:2012/A12:2016 en
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila

HD 62640:2015/A11:2016 en
Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses
Strujne zaštitne sklopke sa ili bez nadstrujne zaštite za utičnice za kućanstvo i slične primjene

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

FprEN 60238:2013/FprA1:2016 en
Edison screw lampholders (IEC 60238:201X/am1:201X)
Grla za žarulje s Edisonovim navojem (IEC 60238:201X/am1:201X)

FprEN 60400:2016 en
Lampholders for tubular fluorescent lamps and starterholders (IEC 60400:201X)
Grla za fluorescentne cijevi i startere (IEC 60400:201X)

FprEN 60598-2-4:2016/FprAA:2016 en
Luminaires – Part 2: Particular requirements – Section 4: Portable general purpose luminaires
Svjetiljke – 2. dio: Posebni zahtjevi – 4. poglavlje: Prijenosne svjetiljke za opću uporabu

EN 60810:2015/FprA1:2016 en
Lamps for road vehicles – Performance requirements (IEC 60810:2014/am1:201X)
Žarulje za cestovna vozila – Izvedbeni zahtjevi (IEC 60810:2014/am1:201X)

FprEN 60838-1:2013/FprA1:2016 en
Miscellaneous lampholders – Part 1: General requirements and tests (IEC 60838-1:201X/am1:201X)
Raznovrsna grla za žarulje – 1. dio: Opći zahtjevi i ispitivanja (IEC 60838-1:201X/am1:201X)

FprEN 61184:2016 en
Bayonet lampholders (IEC 61184:201X)
Bajunetna grla za žarulje (IEC 61184:201X)

HZN/TO E37, *Odvodnici prenapona*

FprEN 60099-5:2016 en
Surge arresters – Part 5: Selection and application recommendations (IEC 60099-5:201X)
Odvodnici prenapona – 5. dio: Preporuke za odabir i primjenu (IEC 60099-5:201X)

HZN/TO E38, *Mjerni transformatori*

FprEN 61869-10:2016 en
Instrument transformers – Part 10: Additional requirements for low power stand alone current sensors (IEC 61869-10:201X)
Mjerni transformatori – 10. dio: Dodatni zahtjevi za samostojeće strujne senzore male snage (IEC 61869-10:201X)

HZN/TO E45, *Nuklearna instrumentacija*

FprEN 60965:2016 en
Nuclear power plants – Control rooms – Supplementary control room for reactor shutdown without access to the main control room (IEC 60965:2016)
Nuklearne elektrane – Kontrolne sobe – Pomoćna kontrolna soba za gašenje reaktora bez pristupa glavnoj kontrolnoj sobi (IEC 60965:2016)

FprEN 62808:2016 en
Nuclear power plants – Instrumentation and control systems important to safety – Design and qualification of isolation devices (IEC 62808:2015)
Nuklearne elektrane – Instrumentacija i kontrolni sustavi važni za sigurnost – Izvedba i kvalifikacija izolacijskih naprava (IEC 62808:2015)

HZN/TO E57, *Upravljanje energetskim sustavom i pridružene komunikacije*

FprEN 62351-7:2016 en
Power systems management and associated information exchange – Data and communications security – Part 7: Network and system management (NSM) data object models (IEC 62351-7:201X)

FprEN 62488-2:2016 en
Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals (APLC) (IEC 62488-2:201X)

HZN/TO E59, *Uporabne značajke električnih kućanskih aparata*

prEN 50631-1 en
Household appliances network and grid connectivity – Part 1: General Requirements, Generic Data Modelling and Neutral Messages

FprEN 60704-2-13:2016 en
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-13: Particular requirements for range hoods (IEC 60704-2-13:201X)
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-13: Posebni zahtjevi za nape štednjaka (IEC 60704-2-13:201X)

FprEN 60704-2-3:2016 en
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-3: Particular requirements for dishwashers (IEC 60704-2-3:201X)
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-3: Posebni zahtjevi za perilice posuđa (IEC 60704-2-3:201X)

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

EN 60335-2-109:2010/FprA2:2016 en
Household and similar electrical appliances – Safety – Part 2-109: Particular requirements for UV radiation water treatment appliances (IEC 60335-2-109:2010/am2:201X)
Kućanski i slični električni aparati – Sigurnost – Dio 2-109: Posebni zahtjevi za aparate koji ultraljubičastim zračenjem djeluju na vodu (IEC 60335-2-109:2010/am2:201X)

EN 60335-2-27:2013/FprA1:2016 en
Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27:2009/am1:2012)
Kućanski i slični električni aparati – Sigurnost – Dio 2-27: Posebni zahtjevi za aparate za izlaganje kože ultraljubičastomu i infracrvenomu zračenju (IEC 60335-2-27:2009/am1:2012)

EN 60335-2-34:2013/FprA2:2016 en
Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (IEC 60335-2-34:2012/am2:201X)
Kućanski i slični električni aparati – Sigurnost – Dio 2-34: Posebni zahtjevi za motorne kompresore (IEC 60335-2-34:2012/am2:201X)

EN 60335-2-35:2016/FprA1:2016 en
Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters
Kućanski i slični električni aparati – Sigurnost – Dio 2-35: Posebni zahtjevi protočnih grijača vode

EN 60335-2-38:2003/FprA11:2016 en
Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills
Kućanski i slični električni aparati – Sigurnost – Dio 2-38: Posebni zahtjevi ugostiteljskih električnih dodirnih roštilja

EN 60335-2-53:2011/FprA1:2016 en
Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins (IEC 60335-2-53:2011/am1:201X)
Kućanski i slični električni aparati – Sigurnost – Dio 2-53: Posebni zahtjevi za grijalice sauna i kabine s infracrvenim grijanjem (IEC 60335-2-53:2011/am1:201X)

EN 60335-2-66:2003/FprA11:2016 en
Household and similar electrical appliances – Safety – Part 2-66: Particular requirements for water-bed heaters
Kućanski i slični električni aparati – Sigurnost – Dio 2-66: Posebni zahtjevi za grijalice vodnih kreveta

FprEN 62115:2016 en
Electric toys – Safety (IEC 62115:201X)
Električne igračke – Sigurnost (IEC 62115:201X)

FprEN 62784:2016 en
Particular requirements for vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts (IEC 62784:201X)

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

FprEN 62667:2016 en
Medical electrical equipment – Medical light ion beam equipment – Performance characteristics (IEC 62667:201X)

FprEN 80601-2-30:2016 en
Medical electrical equipment – Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers (IEC 80601-2-30:201X)
Medicinski električni uređaji – Dio 2-30: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke automatiziranih neinvazivnih sfigmo-manometara (IEC 80601-2-30:201X)

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

FprHD 60364-7-704:2016 en
Low-voltage electrical installations – Part 7-704: Requirements for special installations or locations – Construction and demolition site installations (IEC 60364-7-704:201X)
Niskonaponske električne instalacije – Dio 7-704: Zahtjevi za posebne instalacije ili prostore – Instalacije gradilišta i rušilišta (IEC 60364-7-704:201X)

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

FprEN 61326-3-1:2016 en
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – General industrial applications (IEC 61326-3-1:201X)
Električna oprema za mjerenje, vođenje i laboratorijsku uporabu – Zahtjevi za elektromagnetsku kompatibilnost (EMC) – Dio 3-1: Zahtjevi za imunost sigurnosnih sustava i opremu namijenjenu za određivanje sigurnosnih funkcija (funkcionalna sigurnost) – Opće industrijske primjene (IEC 61326-3-1:201X)

FprEN 61326-3-2:2016 en
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – Industrial applications with specified electromagnetic environment (IEC 61326-3-2:201X)
Električna oprema za mjerenje, vođenje i laboratorijsku uporabu – Zahtjevi za elektromagnetsku kompatibilnost (EMC) – Dio 3-2: Zahtjevi za imunost sigurnosnih sustava i opremu namijenjenu za određivanje sigurnosnih funkcija (funkcionalna sigurnost) – Industrijske primjene s uvjetovanim elektromagnetskim okruženjem (IEC 61326-3-2:201X)

FprEN 61784-3:2015/FprA1:2016 en
Industrial communication networks – Profiles – Part 3: Functional safety fieldbuses – General rules and profile definitions (IEC 61784-3:201X/am1:201X)
Industrijske komunikacijske mreže – Profili – 3. dio: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Opća pravila i definicije profila (IEC 61784-3:201X/am1:201X)

FprEN 62443-2-4:2016 en
Security for industrial automation and control systems – Part 2-4: Security program requirements for IACS service providers (IEC 62443-2-4:2015+Corr.1:2015)
Sigurnost sustava industrijske automatizacije i vođenja – Dio 2-4: Sigurnosni programski zahtjevi za IACS davatelje usluga (IEC 62443-2-4:2015+Corr.1:2015)

FprEN 62881:2016 en
Cause & Effect Table (IEC 62881:201X)
Uzrok i učinak tablica (IEC 62881:201X)

FprEN 62890:2016 en
Life-cycle management for systems and products used in industrial-process measurement, control and automation (IEC 62890:201X)
Upravljanje životnim ciklusom sustava i proizvoda koji se upotrebljavaju u industrijskim procesnim mjerenjima, upravljanju i automatizaciji (IEC 62890:201X)

FprEN 62948:2016 en
Industrial networks – Wireless communication network and communication profiles – WIA-FA (IEC 62948:201X)
Industrijske mreže – Bezžične komunikacijske mreže i komunikacijski frofili – WIA-FA (IEC 62948:201X)

HZN/TO E78, *Rad pod naponom*

FprEN 60895:2016 en
Live working – Conductive clothing for use at nominal voltage up to 800 kV a.c. and ± 600 kV d.c (IEC 60895:201X)
Rad pod naponom – Vodljiva odjeća za uporabu kod nazivnog izmjeničnog napona do 800 kV i istosmjernog napona ± 600 kV (IEC 60895:201X)

FprEN 61482-2:2016 en
Live working – Protective clothing against the thermal hazards of an electric arc – Part 2: Requirements (IEC 61482-2:201X)
Rad pod naponom – Zaštitna odjeća protiv toplinskih opasnosti od električnog luka – 2. dio: Zahtjevi (IEC 61482-2:201X)

HZN/TO E79, *Alarmni sustavi*

CLC/FprTS 50131-2-9 en
Alarm systems – Intrusion and hold-up systems – Part 2-9: Intrusion detectors – Active infrared beam detectors
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-9: Protuprovalni detektori – Aktivni infracrveni detektori

prEN 50398-1 en
Alarm systems – Combined and integrated systems – Part 1: General requirements
Alarmni sustavi – Kombinirani i integrirani sustavi – 1. dio: Opći zahtjevi

prEN 50518:2016 en
Monitoring and alarm receiving centre
Centar za nadzor i prijam alarma

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

FprEN 62586-1:2016 en
Power quality measurement in power supply systems – Part 1: Power quality instruments (PQI) (IEC 62586-1:201X)
Mjerenje kvalitete energije u sustavima opskrbe energijom – 1. dio: Instrumenti za mjerenje kvalitete energije (IEC 62586-1:201X)

FprEN 62586-2:2016 en
Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:201X)
Mjerenje kvalitete energije u sustavima opskrbe energijom – 2. dio: Funkcionalna ispitivanja i zahtjevi nesigurnosti (IEC 62586-2:201X)

HZN/TO E88, *Vjetroagregati*

FprEN 61400-25-6:2016 en
Wind turbines – Part 25-6: Communications for monitoring and control of wind power plants – Logical node classes and data classes for condition monitoring (IEC 61400-25-6:201X)

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

FprEN 62944:2016 en
Digital television accessibility – Functional specifications (IEC 62944:201X)

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

FprEN 61000-3-2 (fragment 2):2015 en
Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:201X (fragment 2))
Elektromagnetska kompatibilnost (EMC) – Dio 3-2: Granice – Granice za harmoničke strujne emisije (za ulazne struje uređaja ≤ 16 A po fazi) (IEC 61000-3-2:201X (fragment 2))

FprEN 61000-4-39:2016 en
Electromagnetic Compatibility (EMC) – Part 4-39: Testing and measurement techniques – Radiated fields in close proximity – Immunity test (IEC 61000-4-39:201X)
Elektromagnetska kompatibilnost (EMC) – Dio 4-39: Ispitne i mjerne tehnike – Zračeća polja u neposrednoj blizini – Ispitivanje otpornosti (IEC 61000-4-39:201X)

HZN/TO T4, *Normizacija u telekomunikacijama*

Draft EN 300 065 V2.1.0:2015 en
Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX) – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of the Directive 2014/53/EU
Uskopojasna telegrafska oprema izravnog ispisa za primanje meteoroloških i navigacijskih informacija (NAVTEX) – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članaka 3.2 i 3.3(g) direktive 2014/53/EU

Draft EN 300 086 V2.1.0:2015 en
Land Mobile Service – Radio equipment with an internal or external RF connector intended primarily for analogue speech – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Radijska oprema s integriranim ili izvanjskim RF priključkom namijenjena primarno za analogni govor – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 300 113 V2.1.0:2015 en
Land Mobile Service – Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Radijska oprema namijenjena prijenosu podataka (i/ili govora) sa stalnom ili promjenjivom modulacijskom ovojnicom i antenskim spojnikom – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 300 219 V2.1.0:2015 en
Land Mobile Service – Radio equipment transmitting signals to initiate a specific response in the receiver – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Radijski uređaji koji odašilju signale za poticanje posebnog odziva u prijamniku – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 300 296 V2.1.0:2015 en
Land Mobile Service – Radio equipment using integral antennas intended primarily for analogue speech – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Radijska oprema s integralnim antenama za analogni govor – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 300 341 V2.1.0:2015 en
Land Mobile Service – Radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Radijski uređaji koji pomoću vlastite antene odašilju signale za pokretanje posebnog odziva u prijamniku – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 300 390 V2.1.0:2015 en
Land Mobile Service – Radio equipment intended for the transmission of data (and speech) and using an integral antenna – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Radijski uređaji s vlastitom antenom namijenjeni prijenosu podataka (i govora) – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 300 392-3-5 V1.5.0 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 5: Additional Network Feature for Mobility Management (ANF-ISIMM)
Terestrijalni međumjesni radio (TETRA) – Govor plus podaci (V+D) – 3. dio: Međudjelovanje na među-sustavnom sučelju (ISI) – 5. poddio: Dodatne mrežne funkcije za upravljanje mobilnošću (ANF-ISIMM)

Draft EN 300 433 V2.1.0:2016 en
Citizens' Band (CB) radio equipment – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Radijska oprema za „građanski pojas“ (CB) – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

EN 300 468 V1.15.1:2016 en
Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems
Digitalna videodifuzija (DVB) – Specifikacija za informacijsku uslugu (SI) u sustavima

Draft EN 300 487 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Receive-Only Mobile Earth Stations (ROMES) providing data communications operating in the 1,5 GHz frequency band; Radio Frequency (RF) specifications covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za pokretne zemaljske postaje koji imaju samo prijam (ROMES) koji omogućavaju podatkovnu komunikaciju u frekvencijskom pojasu od 1,5 GHz – Radiofrekvencijske (RF) specifikacije, koja obuhvaćaju bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 300 674-2-1 V2.0.2:2016 en
Transport and Traffic Telematics (TTT) – Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial – Scientific and Medical (ISM) band – Part 2: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Sub-part 1: Road Side Units (RSU)
Telematika cestovnog prijevoza i prometa (RTTT) – Prijenosna oprema (500 kbit/s/250 kbit/s) namijenjena komunikaciji kratkoga dometa (DSRC) koja radi u pojasu 5,8 GHz za industrijsku, znanstvenu i medicinsku primjenu (ISM) – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 1. pod-dio: Zahtjevi za cestovne jedinice (RSU)

Draft EN 301 166 V2.1.0:2015 en
Land Mobile Service – Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Radijska oprema za analognu i/ili digitalnu komunikaciju (govor i/ili podatci) koja radi na uskopojasnim kanalima i ima antenski spojnik – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 301 360 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit, operating in the 27,5 GHz to 29,5 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske interaktivne terminale (SIT) i satelitske korisničke terminale (SUT) koji odašilju prema satelitima u geostacionarnoj orbiti i rade u frekvencijskim pojasima od 27,5 GHz do 29,5 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 426 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Low data rate Land Mobile satellite Earth Stations (LMES) and Maritime Mobile satellite Earth Stations (MMES) not intended for distress and safety communications operating in the 1,5 GHz/1,6 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi SES) – Harmonizirana norma za kopnene pokretne satelitske zemaljske postaaaaje (LMES) niske brzine prijenosa podataka i pomorske pokretne satelitske zemaljske postaje (MMES) koje nisu predviđene za opasne i sigurnosne komunikacije u frekvencijskim pojasima 1,5 GHz/1,6 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 427 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for low data rate Mobile satellite Earth Stations (MESs) except aeronautical mobile satellite earth stations, operating in the 11/12/14 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za pokretne satelitske zemaljske postaje (MESs) niske brzine prijenosa podataka izuzev zrakoplovnih pokretnih satelitskih zemaljskih postaja u frekvencijskim pojasima 11/12/14 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 428 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Very Small Aperture Terminal (VSAT) – Transmit-only, transmit/receive or receive-only satellite earth stations operating in the 11/12/14 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za terminale s jako malim promjerom parabolične antene (VSAT) – Zemaljski satelitske zemaljske postaje koji samo odašilju, odašilju/primaju ili samo primaju u frekvencijskim pojasima 11/12/14 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 301 430 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Satellite News Gathering Transportable Earth Stations (SNG TES) operating in the 11 GHz to 12 GHz/13 GHz to 14 GHz frequency bands covering essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za zemaljske prijenosne zemaljske postaje koje primaju satelitske novosti (SNGTES) u frekvencijskim pojasima od 11 GHz do 12 GHz/13 GHz to 14 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 441 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Mobile Earth Stations (MESs), including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) operating in the 1,6 GHz/2,4 GHz frequency band under the Mobile Satellite Service (MSS) covering essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za pokretne zemaljske postaje (MESs), uključujući ručne zemaljske postaje, za satelitske mreže namijenjene osobnim komunikacijama (S-PCEN) u frekvencijskom pojasu 1,6 GHz/2,4 GHz kao dio pokretne satelitske službe (MSS), koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 442 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for NGSO Mobile Earth Stations (MESs) including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands under the Mobile Satellite Service (MSS) covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za NGSO pokretne zemaljske postaje (MESs) uključujući ručne zemaljske postaje, za satelitske mreže namijenjene osobnim komunikacijama (S-PCN) u frekvencijskim pojasima od 1 980 MHz do 2 010 MHz (zemlja prema satelitu) i od 2 170 MHz do 2 200 MHz (satelit prema zemlji) kao dio pokretne satelitske službe (MSS), koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 443 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonized Standard for Very Small Aperture Terminal (VSAT) – Transmit-only, transmit-and-receive, receive-only satellite earth stations operating in the 4 GHz and 6 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za terminale s jako malim promjerom parabolične antene (VSAT) – Satelitske zemaljske postaje koji samo odašilju, odašilju/primaju ili samo primaju u frekvencijskim pojasima 4 GHz i 6 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 444 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Land Mobile Earth Stations (LMES) providing voice and/or data communications, operating in the 1,5 GHz and 1,6 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za kopnene pokretne zemaljske postaje (LMES) za govornu i/ili podatkovnu komunikaciju u frekvencijskim pojasima 1,5 GHz i 1,6 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 447 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for satellite Earth Stations on board Vessels (ESVs) operating in the 4/6 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske zemaljske stanice na palubama plovila (ESVs) u frekvencijskim pojasima 4/6 GHz predviđene za nepokretnu satelitsku službu (FSS), koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 459 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit, operating in the 29,5 GHz to 30,0 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske interaktivne terminale (SIT) i satelitske korisničke terminale (SUT) koji odašilju prema satelitima u geostacionarnoj orbiti i rade u frekvencijskim pojasima od 29,5 GHz do 30,0 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 473 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Aircraft Earth Stations (AES) providing Aeronautical Mobile Satellite Service (AMSS)/Mobile Satellite Service (MSS) and/or the Aeronautical Mobile Satellite on Route Service (AMS(R)S)/Mobile Satellite Service (MSS), operating in the frequency band below 3 GHz covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za zemaljske postaje koje odašilju prema zrakoplovima (AES) omogućavajući zrakoplovnu pokretnu satelitsku službu (AMSS)/pokretnu satelitsku službu (MSS) i/ili zrakoplovnu pokretnu satelitsku službu na ruti (AM®S/pokretnu satelitsku službu (MSS), u frekvencijskom pojasu ispod 3 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 502 V12.1.6:2016 en
Global System for Mobile communications (GSM) – Base Station (BS) equipment – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Globalni sustav pokretnih komunikacija (GSM) – Oprema baznih postaja (BS) – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 681 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Mobile Earth Stations (MESs) of Geostationary mobile satellite systems, including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) under the Mobile Satellite Service (MSS), operating in the 1,5 GHz and 1,6 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi – Harmonizirana norma za pokretne zemaljske postaje (MESs) geostacionarnih pokretnih satelitskih sustava, uključujući ručne zemaljske postaje, za satelitske mreže namijenjene osobnim komunikacijama (S-PCN) kao dio pokretne satelitske službe (MSS) u frekvencijskim pojasima 1,5 GHz i 1,6 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 721 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Mobile Earth Stations (MES) providing Low Bit Rate Data Communications (LBRDC) using Low Earth Orbiting (LEO) satellites operating below 1 GHz frequency band covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi – Harmonizirana norma za pokretne zemaljske stanice (MES) koje komuniciraju s niskom brzinom podataka (LBRDC) sa satelitima u niskoj zemaljskoj orbiti (LEO) u frekvencijskom pojasu ispod 1 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Final draft EN 301 839 V2.1.1:2016 en
Ultra Low Power Active Medical Implants (ULP-AMI) and associated Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Aktivni medicinski implantati (ULP-AMI) i pridružene periferne jedinice (ULP-AMI-P) jako male snage u frekvencijskom području 402 MHz do 405 MHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 843-1 V2.1.0:2015 en
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard covering the essential requirements of article 3.1b of the Directive 2014/53/EU – Part 1: Common technical requirements
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.1b direktive 2014/53/EU – 1. dio: Opći tehnički zahtjevi

Draft EN 301 843-2 V2.1.0:2015 en
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard covering the essential requirements of article 3.1b of the Directive 2014/53/EU – Part 2: Specific conditions for VHF radiotelephone transmitters and receivers
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.1b direktive 2014/53/EU – 2. dio: Specifični uvjeti za VHF radiotelefonske odašiljače i prijamnike

Draft EN 301 843-4 V2.1.0:2015 en
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard covering the essential requirements of article 3.1b of the Directive 2014/53/EU – Part 4: Specific conditions for Narrow-Band Direct-Printing (NBDP) NAVTEX receivers
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.1b direktive 2014/53/EU – 4. dio: Specifični uvjeti za uskopojasne NAVTEX prijamnike s izravnim tiskanjem (NBDP)

Draft EN 301 843-5 V2.1.0:2015 en
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard covering the essential requirements of article 3.1b of the Directive 2014/53/EU – Part 5: Specific conditions for MF/HF radiotelephone transmitters and receivers
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.1b direktive 2014/53/EU – 5. dio: Specifični uvjeti za MF/HF radiotelefonske odašiljače i prijamnike

Draft EN 301 843-6 V2.1.0:2015 en
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard covering the essential requirements of article 3.1b of the Directive 2014/53/EU – Part 6: Specific conditions for Earth Stations on board Vessels operating in frequency bands above 3 GHz
Norma za elektromagnetsku kompatibilnosti (EMC) za radijsku pomorsku opremu i službe – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.1b direktive 2014/53/EU – 6. dio: Posebni uvjeti za zemaljske postaje na plovilima koje rade u frekvencijskim pojasima iznad 3 GHz

Draft EN 301 908-1 V11.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 1: Introduction and common requirements
Celularne mreže IMT – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 1. dio: Uvod i opći zahtjevi

Draft EN 301 908-3 V11.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 3. dio: Bazne postaje (BS) za CDMA s izravnim raspršivanjem (UTRA FDD)

Draft EN 301 908-11 V11.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 11: CDMA Direct Spread (UTRA FDD) Repeaters
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 11. dio: Repetitori za CDMA s izravnim raspršivanjem (UTRA FDD)

Draft EN 301 908-12 V7.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 12: CDMA Multi-Carrier (cdma2000) Repeaters
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 12. dio: Repetitori za CDMA s višestrukim nositeljem (cdma2000)

Draft EN 301 908-14 V11.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 14. dio: Bazne postaje (BS) za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA)

Draft EN 301 908-15 V11.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU – 15. dio: Repetitori za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA)

Draft EN 301 908-18 V11.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 18. dio: E-UTRA, UTRA i GSM/EDGE bazna postaja (BS) multistandardnog radija (MSR)

Draft EN 301 908-19 V6.2.6:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 19: OFDMA TDD WMAN (Mobile WiMAXTM) TDD User Equipment (UE)
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 19. dio: OFDMA TDD WMAN (pokretni WIMAXTM) korisnička oprema (UE)

Draft EN 301 908-20 V6.2.6:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 20: OFDMA TDD WMAN (Mobile WiMAXTM) TDD Base Stations (BS)
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 20. dio: OFDMA TDD WMAN (pokretni WIMAXTM) bazne postaje (BS)

Draft EN 301 908-21 V6.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 21: OFDMA TDD WMAN (Mobile WiMAXTM) FDD User Equipment (UE)
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 21. dio: OFDMA TDD WMAN (pokretni WIMAXTM) korisnička oprema (UE)

Draft EN 301 908-22 V6.0.1:2016 en
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 22: OFDMA TDD WMAN (Mobile WiMAXTM) FDD Base Stations (BS)
IMT celularne mreže – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU – 22. dio: OFDMA TDD WMAN (pokretni WIMAXTM) bazne postaje (BS)

Draft EN 302 186 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for satellite mobile Aircraft Earth Stations (AESs) operating in the 11/12/14 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi – Harmonizirana norma za satelitske pokretne zrakoplovne zemaljske postaje (AESs) u frekvencijskim pojasima 11/12/14 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 208 V3.1.0:2016 en
Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Oprema za radiofrekvencijsku identifikaciju u frekvencijskom pojasu od 865 MHz do 868 MHz s razinama snage do 2 W i u frekvencijskom pojasu od 915 MHz do 921 MHz s razinama snage do 4 W – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 248 V2.1.0:2016 en
Navigation radar for use on non-SOLAS vessels – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Navigacijski radari za uporabu na ne-SOLAS plovilima – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 340 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for satellite Earth Stations on board Vessels (ESVs) operating in the 11/12/14 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi – Harmonizirana norma za zemaljske satelitske postaje na palubama plovila (ESVs) u frekvencijskim pojasima 11/12/14 GHz predviđene za nepokretnu satelitsku službu (FSS), koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 448 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for tracking Earth Stations on Trains (ESTs) operating in the 14/12 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi – Harmonizirana norma za zemaljske postaje za praćenje na vlakovima (ESTs) u frekvencijskim pojasima 14/12 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 480 V2.0.1:2016 en
Mobile Communication On Board Aircraft (MCOBA) systems Harmonised Standard covering the essential requirements of article 3.2 of the Radio Equipment Directive 2014/53/EU
Sustavi pokretnih komunikacija u zrakoplovu (MCOBA) – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 561 V2.1.0:2015 en
Land Mobile Service – Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Radijska oprema sa stalnom ili nestalnom modulacijskom ovojnicom koja radi u kanalu širine 25 kHz, 50 kHz, 100 kHz ili 150 kHz – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 302 574-1 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Satellite Earth Stations (MES) for MSS operating in the 2 GHz frequency band – Part 1: Complementary Ground Component (CGC) for wideband systems covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske zemaljske postaje (MES) za MSS u frekvencijskim pojasu od 2 GHz – 1. dio: Komplementarna zemaljska komponenta (CGC) za širokopojasne sustave, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 574-2 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Satellite Earth Stations (MES) for MSS operating in the 2 GHz frequency bands – Part 2: User Equipment (UE) for wideband systems covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske zemaljske postaje (MES) za MSS u frekvencijskim pojasu od 2 GHz – 2. dio: Korisnički uređaji (UE) za širokopojasne sustave, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 574-3 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Satellite Earth Stations (MES) for MSS operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands – Part 3: User Equipment (UE) for narrowband systems covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske zemaljske postaje (MES) za MSS u frekvencijskim pojasima od 1 980 MHz do 2 010 MHz (zemlja-svemir) i od 2 170 MHz do 2 200 MHz (svemir-zemlja) – 3. dio: Korisnički uređaji (UE) za širokopojasne sustave, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 609 V2.1.0:2016 en
Short Range Devices (SRD) – Radio equipment for Euroloop railway systems – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Uređaji kratkog dometa (SRD) – Radijski uređaji za željezničke sustave europetlje – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

EN 302 885 V2.1.1:2016 en
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of the Directive 2014/53/EU
Prijenosni radiotelefonski uređaji vrlo visokih frekvencija (VHF) s integriranim ručnim uređajem klase D DCS, koji rade u VHF pojasima namijenjenim pomorskoj pokretnoj službi – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članaka 3.2 i 3.3(g) direktive 2014/53/EU

EN 302 961 V2.1.1:2016 en
Maritime Personal Homing Beacon intended for use on the frequency 121,5 MHz for search and rescue purposes only – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Pomorski far za navođenje do osobe (u opasnosti) namijenjen uporabi na frekvenciji 121,5 MHz samo za potragu i spašavanje – 2. dio: Harmonizirana norma obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 302 977 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Vehicle-Mounted Earth Stations (VMES) operating in the 11/12/14 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za zemaljske postaje postavljene na vozila (VMES) u frekvencijskim pojasima 11/12/14 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 303 039 V2.1.0:2015 en
Land Mobile Service – Multichannel transmitter specification for the PMR Service – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Kopnena pokretna služba – Specifikacija višekanalnog odašiljača za PMR službu – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 303 098 V2.1.0:2016 en
Maritime low power personal locating devices employing AIS – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Pomorski osobni uređaji male snage za određivanje položaja koji primjenjuju AIS – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

EN 303 146-1 V1.2.1:2015 en
Reconfigurable Radio Systems (RRS) – Mobile Device Information Models and Protocols – Part 1: Multiradio Interface (MURI)
Rekonfigurabilni radijski sustavi (RRS) – Informacijski modeli i protokoli za mobilne uređaje – 1. dio: Multiradijsko sučelje (MURI)

Draft EN 303 146-2 V1.1.5:2016 en
Reconfigurable Radio Systems (RRS) – Mobile Device Information Models and Protocols – Part 2: Reconfigurable Radio Frequency Interface (RRFI)
Radijski sustavi s mogućnošću izmjene konfiguracije (RRS) – Informacijski modeli i protokoli za mobilne uređaje – 2. dio: Radiofrekvencijsko sučelje s mogućnošću izmjene konfiguracije (RRFI)

Final draft EN 303 204 V2.1.1:2016 en
Network Based Short Range Devices (SRD) – Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Umreženi uređaji kratkoga dometa (SRD) – Radijska oprema za uporabu u frekvencijskom području od 870 MHz do 876 MHz s razinama snage do 500 mW – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 303 339 V1.0.4:2015 en
Broadband Direct Air-to-Ground Communications – Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands – Fixed pattern antennas – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Širokopojasne izravne komunikacije zrak-zemlja – Uređaji koji rade u frekvencijskim pojasima od 1 900 MHz do 1 920 MHz i od 5 855 MHz do 5 875 MHz – Fiksne antenske izvedbe – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive 2014/53/EU

Draft EN 303 348 V1.1.0:2016 en
Induction loop systems intended to assist the hearing impaired in the frequency range 10 Hz to 9 kHz – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Sustavi s indukcijskom petljom za pomoć osobama s oslabljenim sluhom u frekvencijskom području od 10 Hz do 9 kHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 303 372-1 V1.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Satellite broadcast reception equipment – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part-1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band
Satelitske zemaljske stanice i sustavi (SES) – Oprema za prijam satelitske radiodifuzije – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 1. dio: Vanjska prijamna jedinica u frekvencijskom pojasu od 10,7 GHz do 12,75 GHz

Draft EN 303 372-2 V1.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Satellite broadcast reception equipment – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU – Part 2: Indoor unit
Satelitske zemaljske stanice i sustavi (SES) – Oprema za prijam satelitske radiodifuzije – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 2. dio: Unutarnja jedinica

Draft EN 303 609 V12.4.1:2016 en
Global System for Mobile communications (GSM) – GSM Repeaters – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Globalni sustav mobilnih komunikacija (GSM) – GSM repetitori – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 303 883 V1.1.0:2016 en
Short Range Devices (SRD) using Ultra Wide Band (UWB) – Measurement Techniques
Uređaji kratkoga dometa (SRD) koji upotrebljavaju ultra široko frekvencijsko područje (UWB) – Mjerne tehnike

Draft EN 303 978 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Earth Stations on Mobile Platforms (ESOMP) transmitting towards satellites in geostationary orbit, operating in the 27,5 GHz to 30,0 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi – Harmonizirana norma za zemaljske postaje na pokretnim platformama (ESOMP) koje odašilju prema satelitima u geostacionarnoj orbiti, u frekvencijskim pojasima od 27,5 GHz do 30,0 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 303 979 V2.1.0:2016 en
Satellite Earth Stations and Systems (SES) – Harmonised Standard for Earth Stations on Mobile Platforms (ESOMP) transmitting towards satellites in non-geostationary orbit, operating in the 27,5 GHz to 29,1 GHz and 29,5 GHz to 30,0 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Satelitske zemaljske postaje i sustavi – Harmonizirana norma za zemaljske postaje na pokretnim platformama koje odašilju prema satelitima u ne-geostacionarnoj orbiti, u frekvencijskim pojasima od 27,5 GHz do 29,1 GHz i od 29,5 GHz do 30,0 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Final draft EN 319 102-1 V1.1.0:2016 en
Electronic Signatures and Infrastructures (ESI) – Procedures for Creation and Validation of AdES Digital Signatures – Part 1: Creation and Validation
Elektronički potpisi i infrastrukture (ESI) – Postupci za kreiranje i vrednovanje AdES digitalnih potpisa – 1. dio: Kreiranje i vrednovanje

HZN/TO Z1, *Informacijska tehnologija*

ISO/IEC 2382:2015 en
Information technology – Vocabulary
Informacijska tehnologija – Rječnik

ISO/IEC 2382-36:2013 en
Information technology – Vocabulary – Part 36: Learning; education and training
Informacijska tehnologija – Rječnik – 36. dio: Učenje, obrazovanje i osposobljavanje

ISO/IEC 2382-37:2012 en
Information technology – Vocabulary – Part 37: Biometrics
Informacijska tehnologija – Rječnik – 37. dio: Biometrija

FprEN ISO/IEC 27037 en
Information technology – Security techniques – Guidelines for identification, collection, acquisition and preservation of digital evidence (ISO/IEC 27037:2012)
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za prepoznavanje, skupljanje, pribavljanje i očuvanje digitalnih dokaza (ISO/IEC 27037:2012)

FprEN ISO/IEC 27038 en
Information technology – Security techniques – Specification for digital redaction (ISO/IEC 27038:2014)
Informacijska tehnologija – Sigurnosne tehnike – Specifikacija digitalne redakcije (ISO/IEC 27038:2014)

FprEN ISO/IEC 27040 en
Information technology – Security techniques – Storage security (ISO/IEC 27040:2015)
Informacijska tehnologija – Sigurnosne tehnike – Sigurnost pohrane (ISO/IEC 27040:2015)

FprEN ISO/IEC 27041 en
Information technology – Security techniques – Guidance on assuring suitability and adequacy of incident investigative method (ISO/IEC 27041:2015)
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za osiguranje prikladnosti i opravdanosti metode istraživanja incidenta (ISO/IEC 27041:2015)

FprEN ISO/IEC 27042 en
Information technology – Security techniques – Guidelines for the analysis and interpretation of digital evidence (ISO/IEC 27042:2015)
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za analizu i interpretaciju digitalnih dokaza (ISO/IEC 27042:2015)

FprEN ISO/IEC 27043 en
Information technology – Security techniques – Incident investigation principles and processes (ISO/IEC 27043:2015)
Informacijska tehnologija – Sigurnosne tehnike – Principi i postupci u itraživanju incidenta (ISO/IEC 27043:2015)

FprEN ISO/IEC 30121 en
Information technology – Governance of digital forensic risk framework (ISO/IEC 30121:2015)
Informacijska tehnologija – Okvir upravljanja rizikom digitalne forenzike (ISO/IEC 30121:2015)

FprCEN/TS 419221-1 en
Protection Profiles for TSP cryptographic modules – Part 1: Overview
Obrasci zaštite kriptografskih modula protokola izdavanja vremenskog žiga (TSP-a) – 1. dio: Pregled

FprCEN/TS 419221-2 en
Protection Profiles for TSP cryptographic modules – Part 2: Cryptographic module for CSP signing operations with backup
Obrasci zaštite kriptografskih modula protokola izdavanja vremenskog žiga (TSP-a) – 2. dio: Kriptografski modul za postupak potpisivanja davatelja usluga certificiranja (CSP-a) sa sigurnosnim kopiranjem

FprCEN/TS 419221-3 en
Protection Profiles for TSP Cryptographic modules – Part 3: Cryptographic module for CSP key generation services
Obrasci zaštite kriptografskih modula protokola izdavanja vremenskog žiga (TSP-a) – 3. dio: Kriptografski modul za usluge kreiranja ključa davatelja usluga certificiranja (CSP-a)

FprCEN/TS 419221-4 en
Protection Profiles for TSP cryptographic modules – Part 4: Cryptographic module for CSP signing operations without backup
Obrasci zaštite kriptografskih modula protokola izdavanja vremenskog žiga (TSP-a) – 4. dio: Kriptografski modul za postupak potpisivanja davatelja usluga certificiranja (CSP-a) bez sigurnosnog kopiranja

HZN/TO Z2, *Ocjenjivanje sukladnosti i akreditacija*

FprEN ISO/IEC/TS 17021-2 en
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 2: Competence requirements for auditing and certification of environmental management systems (ISO/IEC/TS 17021-2:2012)
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 2. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava upravljanja okolišem (ISO/IEC/TS 17021-2:2012)

FprEN ISO/IEC/TS 17021-3 en
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 3: Competence requirements for auditing and certification of quality management systems (ISO/IEC/TS 17021-3:2013)
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 3. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava upravljanja kvalitetom (ISO/IEC/TS 17021-3:2013)

HZN/TU I2, *Strojarstvo 2*

prEN ISO 13766-1 en
Earth-moving- and Building construction machinery – Electromagnetic compatibility of machines with internal electrical power supply – Part 1: General EMC requirements under typical EMC environmental conditions (ISO/DIS 13766-1:2016)

prEN ISO 13766-2 en
Earth-moving machinery – Electromagnetic compatibility – Part 2: EMC requirements under the aspect of functional safety (ISO/DIS 13766-2:2016)

prEN ISO 15236-2 en
Steel cord conveyor belts – Part 2: Preferred belt types (ISO/DIS 15236-2:2016)

FprEN 16974 en
Conveyor belts – Indentation rolling resistance of conveyor belts related to belt width – Requirements, testing

HZN/TU N1, *Nemetalni materijali 1*

prEN 16942 en
Fuels – Identification of vehicle compatibility – Graphical expression for consumer information

prEN ISO 18753 en
Fine ceramics (advanced ceramic, advanced technical ceramics) – Determination of absolute density of ceramic powders by pyknometer (ISO/DIS 18753:2016)
Fina keramika (napredna keramika, tehnička keramika) – Određivanje apsolutne gustoće keramičkoga praha pomoću piknometra (ISO/DIS 18753:2016)

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

prEN ISO 9873 en
Dentistry – Intra-oral mirrors (ISO/DIS 9873:2016)
Stomatologija – Intraoralna ogledala (ISO/DIS 9873:2016)

FprEN ISO 10328 en
Prosthetics – Structural testing of lower-limb prostheses – Requirements and test methods (ISO/FDIS 10328:2016)
Protetika – Ispitivanje konstrukcije proteza za donje ekstremitete – Zahtjevi i metode ispitivanja (ISO/FDIS 10328:2016)

EN ISO 10555-1:2013/prA1 en
Intravascular catheters – Sterile and single-use catheters – Part 1: General requirements (ISO 10555-1:2013/DAmd 1:2016)
Intravaskularni kateteri – Sterilni i jednokratni kateteri – 1. dio: Opći zahtjevi (ISO 10555-1:2013/DAmd 1:2016)

prEN ISO 11608-4 en
Needle-based injection systems for medical use – Requirements and test methods – Part 4: Needle-based injection systems containing electronics (ISO/DIS 11608-4:2016)
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 4. dio: Injekcijski sustavi s iglom koji sadrže elektroničke elemente (ISO/DIS 11608-4:2016)

prEN ISO 19715 en
Dentistry – Filling instruments with contra set (ISO/DIS 19715:2016)
Stomatologija – Instrumenti za izradu ispuna za kolječnik (ISO/DIS 19715:2016)

FprEN ISO 22675 en
Prosthetics – Testing of ankle-foot devices and foot units – Requirements and test methods (ISO/FDIS 22675:2016)
Protetika – Ispitivanje komponenti proteza za skočne zglobove i stopala – Zahtjevi i metode ispitivanja (ISO/FDIS 22675:2016)

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

prEN 16602-70-39 en
Space product assurance – Welding of metallic materials for flight hardware

prEN 16603-20-20 en
Space engineering – Interface requirements for electrical power

HZN/TU U1, *Opća elektrotehnika 1*

FprEN 60404-1:2016 en
Magnetic materials – Part 1: Classification (IEC 60404-1:201X)
Magnetski materijali – 1. dio: Klasifikacija (IEC 60404-1:201X)

FprEN 60404-8-6:2016 en
Magnetic materials – Part 8-6: Specifications for individual materials – Soft magnetic metallic materials (IEC 60404-8-6:201X)
Magnetski materijali – Dio 8-6: Specifikacije za pojedinačne materijale – Mekani magnetski metalni materijali (IEC 60404-8-6:201X)

EN 60404-15:2012/FprA1:2016 en
Magnetic materials – Part 15: Methods for the determination of the relative magnetic permeability of feebly magnetic materials (IEC 60404-15:2012/am1:201X)
Magnetski materijali – 15. dio: Metode za određivanje relativne magnetske permeabilnosti slabo otpornih magnetskih materijala (IEC 60404-15:2012/am1:201X)

FprEN 62321-7-2:2016 en
Determination of certain substances in electrotechnical products – Part 7-2: Hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (IEC 62321-7-2:201X)
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – Dio 7-2: Šesterovalentni krom (Cr(VI) u polimerima i elektronici kolorimetrijskom metodom (IEC 62321-7-2:201X)

FprEN 62822-3:2016 en
Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) – Part 3: Resistance welding equipment (IEC 62822-3:201X)
Električni oprema za zavarivanje – Procjena u vezi s ograničenjem izloženosti ljudi elektromagnetskim poljima (0 Hz do 300 Hz) – 3. dio: Oprema za elektrootporno zavarivanje (IEC 62822-3:201X)

HZN/TU V1, *Elektronika 1*

prEN 50289-4-16 en
Communication cables – Specifications for test methods – Part 4-16: Environmental test methods – Circuit integrity under fire conditions

prEN 50290-2-20:2016 en
Communication cables – Part 2-20: Common design rules and construction – General
Komunikacijski kabeli – Dio 2-20: Opća pravila konstruiranja i izrada – Općenito

prEN 50290-2-29:2016 en
Communication cables – Part 2-29: Common design rules and construction – Crosslinked polyethylene insulation compounds: instrumentation, control and field bus cables

prEN 50290-2-34:2016 en
Communication cables – Part 2-34: Common design rules and construction – Polyethylene sheathing compound for outdoor optical fibre cables

prEN 50290-2-35:2016 en
Communication cables – Part 2-35: Common design rules and construction – Polyamide sheathing compound

prEN 50290-2-36:2016 en
Communication cables – Part 2-36: Common design rules and construction – Crosslinked Silicone rubber insulation compound

prEN 50380 en
Marking and documentation requirements for Photovoltaic Modules

FprEN 60068-2-69:2016 en
Environmental testing: Part 2-69: Tests – Test Te: Solderability testing of electronic components and boards by the wetting balance (force measurement) method (IEC 60068-2-69:201X)

FprEN 60205:2016 en
Calculation of the effective parameters of magnetic piece parts (IEC 60205:201X)

FprEN 60749-28:2016 en
Semiconductor devices – Mechanical and climatic test methods – Part 28: Electrostatic discharge (ESD) sensitivity testing – Charged device model (CDM) – device level (IEC 60749-28:201X)

FprEN 60794-1-2:2016 en
Optical fibre cables – Part 1-2: Basic optical cable test procedures – General and definitions (IEC 60794-1-2:201X)

FprEN 60794-2-22:2016 en
Optical fibre cables – Part 2-22: Indoor optic al fibre cables – Detail specification for multi-simplex breakout optical cables to be terminated with connector (IEC 60794-2-22:201X)

FprEN 60904-1-1:2016 en
Photovoltaic devices – Part 1-1: Measurement of current-voltage characteristics of multi-junction photovoltaic devices (IEC 60904-1-1:201X)

FprEN 60904-8-1:2016 en
Photovoltaic devices – Part 8-1: Measurement of spectral responsivity of multi-junction photovoltaic (PV) devices (IEC 60904-8-1:201X)

FprEN 61076-3-104:2016 en
Connectors for electronic equipment – Product requirements – Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 2000 MHz (IEC 61076-3-104:201X)

FprEN 61189-5-503:2016 en
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 5-503: General test methods for materials and assemblies – Conductive Anodic Filaments (CAF) testing of circuit boards (IEC 61189-5-503:201X)

FprEN 61300-2-52:2016 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-52: Tests – Bending test for cords (IEC 61300-2-52:201X)

FprEN 61332:2016 en
Soft ferrite material classification (IEC 61332:201X)

FprEN 61587-1:2016 en
Mechanical structures for electrical and electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor conditions (IEC 61587-1:201X)

FprEN 61724-1:2016 en
Photovoltaic system performance – Part 1: Monitoring (IEC 61724-1:201X)

FprEN 61754-34:2016 en
Fibre optic interconnectiing devices and passive components – Fibre optic connector interfaces – Part 34: Type URM connector family (IEC 61754-34:201X)

FprEN 62317-12:2016 en
Ferrite cores – Dimensions – Part 12: Ring cores (IEC 62317-12:201X)

EN 62575-1:2016 en
Radio frequency (RF) bulk acoustic wave (BAW) filters of assessed quality – Part 1: Generic specification (IEC 62575-1:2015)

HZN/TU W1, *Energetska elektrotehnika 1*

FprEN 60519-12:2016 en
Safety in installations for electroheating and electromagnetic processing – Part 12: Particular requirements for infrared electroheating (IEC 60519-12:201X)

FprEN 62256:2016 en
Hydraulic turbines, storage pumps and pump-turbines – Rehabilitation and performance improvement (IEC 62256:201X)
Hidraulične turbine, pumpe za spremnike i turbinske pumpe – Poboljšanje oporavka i značajki (IEC 62256:201X)

FprEN 62281:2016 en
Safety of primary and secondary lithium cells and batteries during transport (IEC 62281:201X)
Sigurnost primarnih i sekundarnih litijevih članaka i baterija tijekom transporta (IEC 62281:201X)

FprEN 62282-3-201:2016 en
Fuel cell technologies – Part 3-201: Stationary fuel cell power systems – Performance test methods for small fuel cell power systems (IEC 62282-3-201:201X)
Tehnologija gorivih ćelija – Dio 3-201: Energetski sustavi stacionarnih gorivih ćelija – Metode ispitivanja značajki za male energetske sustave gorivih ćelija (IEC 62282-3-201:201X)

FprEN 62282-4-102:2016 en
Fuel cell technologies – Part 4-102: Fuel cell power systems for industrial electric trucks – Performance test methods (IEC 62282-4-102:201X)

FprEN 62746-10-1:2016 en
Systems interface between customer energy management system and the power management system – Part 10-1: Open automated demand response (IEC 62746-10-1:201X)

FprEN 62939-3:2016 en
Smart grid user interface – Part 3: Energy interoperation services (IEC 62939-3:201X)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavodaza norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva. Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, naputak) upućuje na norme koje su povučene, one se primjenjuju silom tih propisa i bit će, do izmjene propisa ili izradbe novih, na raspolaganju u Normoteci HZN-a.

HZN/TO 8, *Brodogradnja*

HRN ISO 5488:2004 en
Brodogradnja – Siz (ISO 5488:1979)
Shipbuilding – Accommodation ladders (ISO 5488:1979)
- zamijenjena s: HRN ISO 5488:2016

HRN EN ISO 6185-3:2002 en
Brodice na napuhavanje – 3. dio: Brodice sa najvećom snagom motora od 15 kW i veće (ISO 6185-3:2001; EN ISO 6185-3:2001)
Inflatable boats – Part 3: Boats with a maximum motor power rating of 15 kW and greater (ISO 6185-3:2001; EN ISO 6185-3:2001)
- zamijenjena s: HRN EN ISO 6185-3:2014

HRN ISO 7061:2002 en
Brodogradnja – Aluminijski prijelazni mostići pomorskih plovila (ISO 7061:1993)
Shipbuilding – Aluminium shore gangways for seagoing vessels (ISO 7061:1993)
- zamijenjena s: HRN ISO 7061:2016

HRN EN ISO 11592:2001 en
Mala plovila duljine trupa manje od 8 m – Određivanje najveće porivne snage (ISO 11592:2001; EN ISO 11592:2001)
Small craft less than 8 m length of hull – Determination of maximum propulsion power rating (ISO 11592:2001; EN ISO 11592:2001)
- zamijenjena s: HRN EN ISO 11592-1:2016

HRN EN ISO 14509-2:2008 en
Mala plovila – Mjerenje zrakom prenesene buke koju stvaraju mehanički pogonjena plovila za razonodu – 2. dio: Procjena buke uporabom referentnog plovila (ISO 14509-2:2006; EN ISO 14509-2:2006)
Small craft – Airborne sound emitted by powered recreational craft – Part 2: Sound assessment using reference craft (ISO 14509-2:2006; EN ISO 14509-2:2006)
- bez zamjene

HZN/TO 22, *Cestovna vozila*

HRI ISO/TR 8713:2014 en
Cestovna vozila na električni pogon – Terminološki rječnik (ISO/TR 8713:2012)
Electrically propelled road vehicles – Vocabulary (ISO/TR 8713:2012)
- zamijenjena s: HRI ISO/TR 8713:2016

HZN/TO 25, *Ljevarstvo*

HRN EN ISO 11970:2008 en
Specifikacija i odobravanje postupaka zavarivanja za proizvodno zavarivanje čeličnih odljevaka (ISO 11970:2001; EN ISO 11970:2007)
Specification and approval of welding procedures for production welding of steel castings (ISO 11970:2001; EN ISO 11970:2007)
- zamijenjena s: HRN EN ISO 11970:2016

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 12156-1:2008 en
Dizelsko gorivo – Ocjenjivanje mazivosti uporabom vibracijskog uređaja visoke frekvencije (HFRR) – 1. dio: Ispitna metoda (ISO 12156-1:2006; EN ISO 12156-1:2006)
Diesel fuel – Assessment of lubricity using the high-frequency reciprocating rig (HFRR) – Part 1: Test method (ISO 12156-1:2006; EN ISO 12156-1:2006)
- zamijenjena s: HRN EN ISO 12156-1:2016

HRN EN 12916:2008 en
Naftni proizvodi – Određivanje tipova aromatskih ugljikovodika u srednjim destilatima – Metoda tekućinske kromatografije visokog učinka s detektorom indeksa loma (EN 12916:2006)
Petroleum products – Determination of aromatic hydrocarbon types in middle distillates – High performance liquid chromatography method with refractive index detection (EN 12916:2006)
- zamijenjena s: HRN EN 12916:2016

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN ISO/TS 22004:2006 hr,en
Sustavi upravljanja sigurnošću hrane – Upute za primjenu norme ISO 22000:2005 (ISO/TS 22004:2005)
Food safety management systems – Guidance on the application of ISO 22000:2005 (ISO/TS 22004:2005)
- zamijenjena s: HRN ISO 22004:2016

HZN/TO 34/PO 4, *Poljoprivredni i prehrambeni proizvodi; Žito i proizvodi od žita*

HRN ISO 5223:1999 en
Ispitivanje žitarica prosijavanjem (ISO 5223:1995)
Test sieves for cereals (ISO 5223:1995)
- zamijenjena s: HRN EN ISO 5223:2016

HRN ISO 5223/Amd 1:2004 en
Dodatne veličine (ISO 5223:1995/Amd 1:1999)
Additional sizes (ISO 5223:1995/Amd 1:1999)
- zamijenjena s: HRN EN ISO 5223:2016

HZN/TO 35, *Boje i lakovi*

HRN EN ISO 2811-1:2012 en
Boje i lakovi – Određivanje gustoće – 1. dio: Metoda s piknometrom (ISO 2811-1:2011; EN ISO 2811-1:2011)
Paints and varnishes – Determination of density – Part 1: Pyknometer method (ISO 2811-1:2011; EN ISO 2811-1:2011)
- zamijenjena s: HRN EN ISO 2811-1:2016

HRN EN ISO 4628-1:2004 en
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 1. dio: Opći uvod i sustav označivanja (ISO 4628-1:2003; EN ISO 4628-1:2003)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 1: General introduction and designation system (ISO 4628-1:2003; EN ISO 4628-1:2003)
- zamijenjena s: HRN EN ISO 4628-1:2016

HRN EN ISO 4628-2:2004 en
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 2. dio: Ocjena stupnja mjehuranja (ISO 4628-2:2003; EN ISO 4628-2:2003)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2: Assessment of degree of blistering (ISO 4628-2:2003; EN ISO 4628-2:2003)
- zamijenjena s: HRN EN ISO 4628-2:2016

HRN EN ISO 4628-3:2004 en
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 3. dio: Ocjena stupnja hrđanja (ISO 4628-3:2003; EN ISO 4628-3:2003)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting (ISO 4628-3:2003; EN ISO 4628-3:2003)
- zamijenjena s: HRN EN ISO 4628-3:2016

HRN EN ISO 4628-4:2004 en
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 4. dio: Ocjena stupnja raspucavanja (ISO 4628-4:2003; EN ISO 4628-4:2003)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 4: Assessment of degree of cracking (ISO 4628-4:2003; EN ISO 4628-4:2003)
- zamijenjena s: HRN EN ISO 4628-4:2016

HRN EN ISO 4628-5:2004 en
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 5. dio: Ocjena stupnja ljuštenja (ISO 4628-5:2003; EN ISO 4628-5:2003)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking (ISO 4628-5:2003; EN ISO 4628-5:2003)
- zamijenjena s: HRN EN ISO 4628-5:2016

HRN EN ISO 4628-7:2004 en
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 7. dio: Ocjena stupnja kredanja primjenom baršunaste tkanine (ISO 4628-7:2003; EN ISO 4628-7:2003)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 7: Assessment of degree of chalking by velvet method (ISO 4628-7:2003; EN ISO 4628-7:2003)
- zamijenjena s: HRN EN ISO 4628-7:2016

HRN EN ISO 4628-10:2004 en
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 10. dio: Ocjena stupnja nitaste korozije (ISO 4628-10:2003; EN ISO 4628-10:2003)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 10: Assessment of degree of filiform corrosion (ISO 4628-10:2003; EN ISO 4628-10:2003)
- zamijenjena s: HRN EN ISO 4628-10:2016

HZN/TO 43, *Akustika*

HRN EN ISO 389-3:1999 en
Akustika – Referentna razina za umjeravanje audiometara – 3. dio: Referentne razine ekvivalentnoga zvučnog tlaka praga za čiste tonove i koštane vibratore (ISO 389-3:1994+Cor 1:1995; EN ISO 389-3:1998)
Acoustics – Reference zero for the calibration of audiometric equipment – Part 3: Preference equivalent threshold force levels for pure tones and bone vibrators (ISO 389-3:1994+Cor 1:1995; EN ISO 389-3:1998)
- zamijenjena s: HRN EN ISO 389-3:2016

HRN EN ISO 6926:2001 en
Akustika – Zahtjevi za svojstva i umjeravanje referentnog izvora zvuka za određivanje razina zvučne snage (ISO 6926:1999; EN ISO 6926:2001)
Acoustics – Requirements for the performance and calibration of reference sound source used for the determination of sound power levels (ISO 6926:1999; EN ISO 6926:2001)
- zamijenjena s: HRN EN ISO 6926:2016

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 9015-2:2012 en
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Ispitivanje tvrdoće – 2. dio: Ispitivanje mikrotvrdoće zavarenih spojeva (ISO 9015-2:2003; EN ISO 9015-2:2011)
Destructive tests on welds in metallic materials – Hardness testing – Part 2: Microhardness testing of welded joints (ISO 9015-2:2003; EN ISO 9015-2:2011)
- zamijenjena s: HRN EN ISO 9015-2:2016

HRN EN ISO 14270:2002 en
Dimenzije uzoraka i postupak mehaniziranog ispitivanja na ljuštenje točkastih, šavnih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO 14270:2000; EN ISO 14270:2001)
Specimen dimensions and procedure for mechanized peel testing resistance spot, seam and embossed projection welds (ISO 14270:2000; EN ISO 14270:2001)
- zamijenjena s: HRN EN ISO 14270:2016

HRN EN ISO 14272:2002 en
Dimenzije uzoraka i postupak poprečnoga vlačnog ispitivanja točkastih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO 14272:2000; EN ISO 14272:2001)
Specimen dimensions and procedure for cross tension testing resistance spot and embossed projection welds (ISO 14272:2000; EN ISO 14272:2001)
- zamijenjena s: HRN EN ISO 14272:2016

HRN EN ISO 14273:2002 en
Dimenzije uzoraka i postupak smičnog ispitivanja točkastih, šavnih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO 14273:2000; EN ISO 14273:2001)
Specimen dimensions and procedure for shear testing resistance spot, seam and embossed projection welds (ISO 14273:2000; EN ISO 14273:2001)
- zamijenjena s: HRN EN ISO 14273:2016

HRN EN ISO 17662:2008 en
Zavarivanje – Umjeravanje, provjera i vrednovanje opreme za zavarivanje uključujući pomoćne aktivnosti (ISO 17662:2005; EN ISO 17662:2005)
Welding – Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO 17662:2005; EN ISO 17662:2005)
- zamijenjena s: HRN EN ISO 17662:2016

HRN EN ISO 18278-2:2008 en
Elektrootporno zavarivanje – Zavarljivost – 2. dio: Zamjenski postupci za ocjenjivanje čeličnih limova za točkasto zavarivanje (ISO 18278-2:2004; EN ISO 18278-2:2004)
Resistance welding – Weldability – Part 2: Alternative procedures for the assessment of sheet steels for spot welding (ISO 18278-2:2004; EN ISO 18278-2:2004)
- zamijenjena s: HRN EN ISO 18278-2:2016

HRN EN 28430-1:2002 en
Elektrootporno točkasto zavarivanje – Držači elektroda – 1. dio: Konusno stezanje 1:10 (ISO 8430-1:1988; EN 28430-1:1992)
Resistance spot welding – Electrode holders – Part 1: Taper fixing 1:10 (ISO 8430-1:1988; EN 28430-1:1992)
- zamijenjena s: HRN EN ISO 8430-1:2016

HRN EN 28430-2:2002 en
Elektrootporno točkasto zavarivanje – Držači elektroda – 2. dio: Stezanje Morse konusima (ISO 8430-2:1988; EN 28430-2:1992)
Resistance spot welding – Electrode holders – Part 2: Morse taper fixing (ISO 8430-2:1988; EN 28430-2:1992)
- zamijenjena s: HRN EN ISO 8430-2:2016

HRN EN 28430-3:2002 en
Elektrootporno točkasto zavarivanje – Držači elektroda – 3. dio: Ravni držači za osni pritisak (ISO 8430-3:1988; EN 28430-3:1992)
Resistance spot welding – Electrode holders – Part 3: Parallel shank fixing for end thrust (ISO 8430-3:1988; EN 28430-3:1992)
- zamijenjena s: HRN EN ISO 8430-3:2016

HRN EN 29454-1:2002 en
Talila za meko lemljenje – Razredba i zahtjevi – 1. dio: Razredba, obilježavanje i pakiranje (ISO 9454-1:1990; EN 29454-1:1993)
Soft soldering fluxes – Classification and requirements – Part 1: Classification, labelling and packaging (ISO 9454-1:1990; EN 29454-1:1993)
- zamijenjena s: HRN EN ISO 9454-1:2016

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

HRN ISO 11799:2004 en
Informacije i dokumentacija – Zahtjevi za pohranu dokumenata arhivske i knjižnične građe (ISO 11799:2003)
Information and documentation – Document storage requirements for archive and library materials (ISO 11799:2003)
- zamijenjena s: HRN ISO 11799:2016

HZN/TO 47/PO 2, *Kemija; Laboratorijsko suđe i pripadajući uređaji*

HRN EN ISO 4796-1:2000 en
Laboratorijsko stakleno posuđe – Boce – 1. dio: Boce s navojem (ISO 4796-1:2000; EN ISO 4796-1:2000)
Laboratory glassware – Bottles – Part 1: Screw-neck bottles (ISO 4796-1:2000; EN ISO 4796-1:2000)
- zamijenjena s: HRN EN ISO 4796-1:2016

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

HRN EN 14825:2013 en
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline s kompresorima na električni pogon za grijanje i hlađenje prostora – Ispitivanje i mjerenje učinka pri uvjetima djelomičnog opterećenja i proračun sezonskih značajka (EN 14825:2013)
Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling – Testing and rating at part load conditions and calculation of seasonal performance (EN 14825:2013)
- zamijenjena s: HRN EN 14825:2016

HZN/TO 92, *Zaštita od požara*

HRN EN 13823:2010 en
Ispitivanja reakcije na požar građevnih proizvoda – Građevni proizvodi osim podnih obloga izloženi termičkom opterećenju pojedinačno gorućeg elementa (SBI) (EN 13823:2010)
Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item (EN 13823:2010)
- zamijenjena s: HRN EN 13823:2015

HZN/TO 120, *Koža i obuća*

HRN EN ISO 2417:2004 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje statičkog upijanja vode (ISO 2417:2002; EN ISO 2417:2002)
Leather – Physical and mechanical tests – Determination of the static absorption of water (ISO 2417:2002; EN ISO 2417:2002)
- zamijenjena s: HRN EN ISO 2417:2016

HRN EN ISO 2589:2004 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje debljine (ISO 2589:2002; EN ISO 2589:2002)
Leather – Physical and mechanical tests – Determination of thickness (ISO 2589:2002; EN ISO 2589:2002)
- zamijenjena s: HRN EN ISO 2589:2016

HRN EN ISO 3377-2:2004 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje čvrstoće daljnjeg kidanja – 2. dio: Dvostrani zarez (ISO 3377-2:2002; EN ISO 3377-2:2002)
Leather – Physical and mechanical tests – Determination of tear load – Part 2: Double edge tear (ISO 3377-2:2002; EN ISO 3377-2:2002)
- zamijenjena s: HRN EN ISO 3377-2:2016

HRN EN ISO 17229:2008 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje apsorpcije vodene pare (ISO 17229:2002; EN ISO 17229:2002)
Leather – Physical and mechanical tests – Determination of water vapour absorption (ISO 17229:2002; EN ISO 17229:2002)
- zamijenjena s: HRN EN ISO 17229:2016

HRN EN ISO 17236:2004 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje istezanja nakon opterećenju (ISO 17236:2002; EN ISO 17236:2002)
Leather – Physical and mechanical tests – Determination of extension set (ISO 17236:2002; EN ISO 17236:2002)
- zamijenjena s: HRN EN ISO 17236:2016

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 5360:2012 en
Anestetički isparivači – Sustavi punjenja specifični za plin (ISO 5360:2012; EN ISO 5360:2012)
Anaesthetic vaporizers – Agent-specific filling systems (ISO 5360:2012; EN ISO 5360:2012)
- zamijenjena s: HRN EN ISO 5360:2016

HRN EN ISO 7396-1:2008 en
Cjevovodni sustavi za medicinske plinove – 1. dio: Cjevovodni sustavi za komprimirane medicinske plinove i vakuum (ISO 7396-1:2007; EN ISO 7396-1:2007)
Medical gas pipeline systems – Part 1: Pipeline systems for compressed medical gases and vacuum (ISO 7396-1:2007; EN ISO 7396-1:2007)
- zamijenjena s: HRN EN ISO 7396-1:2016

HRN EN ISO 7396-1:2008/A1:2010 en
Cjevovodni sustavi za medicinske plinove – 1. dio: Cjevovodni sustavi za komprimirane medicinske plinove i vakuum – Amandman 1: Zahtjevi za utičnice za vakuum spojen na uređaj za napajanje s mogućnošću prilagodbe i spojen na cjevovod s fleksibilnom cijevi (ISO 7396-1:2007/Amd 1:2010; EN ISO 7396-1:2007/A1:2010)
Medical gas pipeline systems – Part 1: Pipeline systems for compressed medical gases and vacuum – Amendment 1: Requirements for terminal units for vacuum fitted on medical supply units with operator-adjustable portions and connected to the pipeline through flexible hoses (ISO 7396-1:2007/Amd 1:2010; EN ISO 7396-1:2007/A1:2010)
- zamijenjena s: HRN EN ISO 7396-1:2016

HRN EN ISO 7396-1:2008/A2:2010 en
Cjevovodni sustavi za medicinske plinove – 1. dio: Cjevovodni sustavi za komprimirane medicinske plinove i vakuum – Amandman 2 (ISO 7396-1:2007/Amd 2:2010; EN ISO 7396-1:2007/A2:2010)
Medical gas pipeline systems – Part 1: Pipeline systems for compressed medical gases and vacuum – Amendment 2 (ISO 7396-1:2007/Amd 2:2010; EN ISO 7396-1:2007/A2:2010)
- zamijenjena s: HRN EN ISO 7396-1:2016

HRN EN ISO 7396-1:2008/A3:2013 en
Cjevovodni sustavi za medicinske plinove – 1. dio: Cjevovodni sustavi za komprimirane medicinske plinove i vakuum – Amandman 3: Nazivi koji se odnose na alarmne sustave (ISO 7396-1:2007/Amd 3:2013; EN ISO 7396-1:2007/A3:2013)
Medical gas pipeline systems – Part 1: Pipeline systems for compressed medical gases and vacuum – Amendment 3: Terminology relating to alarm systems (ISO 7396-1:2007/Amd 3:2013; EN ISO 7396-1:2007/A3:2013)
- zamijenjena s: HRN EN ISO 7396-1:2016

HRN EN ISO 11197:2010 en
Opskrbni uređaji za medicinske medije (ISO 11197:2004; EN ISO 11197:2009)
Medical supply units (ISO 11197:2004; EN ISO 11197:2009)
- zamijenjena s: HRN EN ISO 11197:2016

HRN EN ISO 14408:2010 en
Trahealne cijevi dizajnirane za lasersku kirurgiju – Zahtjevi za označivanje i prateće informacije (ISO 14408:2005; EN ISO 14408:2009)
Tracheal tubes designed for laser surgery – Requirements for marking and accompanying information (ISO 14408:2005; EN ISO 14408:2009)
- zamijenjena s: HRN EN ISO 14408:2016

HZN/TO 134, *Gnojiva i poboljšivači tla*

HRN EN 16318:2014 en
Gnojiva – Određivanje elemenata u tragovima – Određivanje kroma (VI) upotrebom fotometrije (metoda A) i ionske kromatografije sa spektrofotometrijskim dokazivanjem prisutnosti (metoda B) (EN 16318:2013)
Fertilizers – Determination of trace elements – Determination of chromium(VI) by photometry (method A) and by ion chromatography with spectrophotometric detection (method B) (EN 16318:2013)
- zamijenjena s: HRN EN 16318:2016

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN 13018:2001 en
Nerazorno ispitivanje – Vizualno ispitivanje – Opća načela (EN 13018:2001)
Non-destructive testing – Visual testing – General principles (EN 13018:2001)
- zamijenjena s: HRN EN 13018:2016

HRN EN 13018/A1:2007 en
Nerazorno ispitivanje – Vizualno ispitivanje – Opća načela (EN 13018:2001/A1:2003)
Non-destructive testing – Visual testing – General principles (EN 13018:2001/A1:2003)
- zamijenjena s: HRN EN 13018:2016

HZN/TO 136, *Namještaj*

HRN EN 597-1:1998 en
Namještaj – Procjena zapaljivosti ležaja-madraca i ojastučene osnove kreveta – 1. dio: Izvor zapaljenja: tinjajuća cigareta (EN 597-1:1994)
Furniture – Assessment of the ignitability of mattresses and upholstered bed bases – Part 1: Ignition source: Smouldering cigarette (EN 597-1:1994)
- zamijenjena s: HRN EN 597-1:2016

HRN EN 597-2:1998 en
Namještaj – Procjena zapaljivosti ležaja-madraca i ojastučene osnove kreveta – 2. dio: Izvor zapaljenja: jednakovrijedan plamenu šibice (EN 597-2:1994)
Furniture – Assessment of the ignitability of mattresses and upholstered bed bases – Part 2: Ignition source: Match flame equivalent (EN 597-2:1994)
- zamijenjena s: HRN EN 597-2:2016

HRN EN 14749:2008 en
Kućni i kuhinjski elementi za pohranu i radne površine – Sigurnosni zahtjevi i metode ispitivanja (EN 14749:2005)
Domestic and kitchen storage units and worktops – Safety requirements and test methods (EN 14749:2005)
- zamijenjena s: HRN EN 14749:2016

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

HRN EN ISO 9967:2007 en
Plastomerne cijevi – Određivanje omjera puzanja (ISO 9967:2007; EN ISO 9967:2007)
Thermoplastics pipes – Determination of creep ratio (ISO 9967:2007; EN ISO 9967:2007)
- zamijenjena s: HRN EN ISO 9967:2016

HRN EN ISO 9969:2007 en
Plastomerne cijevi – Određivanje obodne krutosti (ISO 9969:2007; EN ISO 9969:2007)
Thermoplastics pipes – Determination of ring stiffness (ISO 9969:2007; EN ISO 9969:2007)
- zamijenjena s: HRN EN ISO 9969:2016

HZN/TO 146, *Kvaliteta zraka*

HRN ISO 8672:2009 en
Kvaliteta zraka – Određivanje brojčane koncentracije lebdećih anorganskih vlakana optičkom mikroskopijom u faznom kontrastu – Metoda membranskog filtra (ISO 8672:1993)
Air quality – Determination of the number concentration of airborne inorganic fibres by phase contrast optical microscopy – Membrane filter method (ISO 8672:1993)
- zamijenjena s: HRN ISO 8672:2016

HRI CEN/TR 15983:2011 en
Emisije iz stacionarnih izvora – Upute za primjenu norme EN 14181:2004 (CEN/TR 15983:2010)
Stationary source emissions – Guidance on the application of EN 14181:2004 (CEN/TR 15983:2010)
- bez zamjene

HZN/TO 165, *Drvene konstrukcije*

HRN EN 1381:2006 en
Drvene konstrukcije – Metode ispitivanja – Nosivost skobica (EN 1381:1999)
Timber structures – Test methods – Load bearing stapled joints (EN 1381:1999)
- zamijenjena s: HRN EN 1381:2016

HRN EN 1382:2006 en
Drvene konstrukcije – Metode ispitivanja – Nosivost na izvlačenje spajala za drvo (EN 1382:1999)
Timber structures – Test methods – Withdrawal capacity of timber fasteners (EN 1382:1999)
- zamijenjena s: HRN EN 1382:2016

HRN EN 1383:2006 en
Drvene konstrukcije – Metode ispitivanja – Otpornost drva na provlačenje glave spajala (EN 1383:1999)
Timber structures – Test methods – Pull through resistance of timber fasteners (EN 1383:1999)
- zamijenjena s: HRN EN 1383:2016

HRN EN 14081-1:2011 en
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 1. dio: Opći zahtjevi (EN 14081-1:2005+A1:2011)
Timber structures – Strength graded structural timber with rectangular cross section – Part 1: General requirements (EN 14081-1:2005+A1:2011)
- zamijenjena s: HRN EN 14081-1:2016

HZN/TO 172, *Optika i optički instrumenti*

HRN EN ISO 10322-1:2008 en
Oftalmološka optika – Poluobrađene sirove naočalne leće – 1. dio: Specifikacija za jednojakosne i višežarišne sirove leće (ISO 10322-1:2006; EN ISO 10322-1:2006)
Ophthalmic optics – Semi-finished spectacle lens blanks – Part 1: Specifications for single-vision and multifocal lens blanks (ISO 10322-1:2006; EN ISO 10322-1:2006)
- zamijenjena s: HRN EN ISO 10322-1:2016

HRN EN ISO 10322-2:2008 en
Oftalmološka optika – Poluobrađene sirove naočalne leće – 2. dio: Specifikacija za sirove progresivne leće (ISO 10322-2:2006; EN ISO 10322-2:2006)
Ophthalmic optics – Semi-finished spectacle lens blanks – Part 2: Specifications for progressive power lens blanks (ISO 10322-2:2006; EN ISO 10322-2:2006)
- zamijenjena s: HRN EN ISO 10322-2:2016

HRN EN ISO 10685-2:2014 en
Oftalmološka optika – Označivanje okvira za naočale i sunčane naočale u elektroničkom katalogu – 2. dio: Trgovačke informacije (ISO 10685-2:2012; EN ISO 10685-2:2012)
Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 2: Commercial information (ISO 10685-2:2012; EN ISO 10685-2:2012)
- zamijenjena s: HRN EN ISO 10685-2:2016

HRN EN ISO 11145:2010 en,fr
Optika i fotonika – Laseri i pridružena oprema – Terminološki rječnik i simboli (ISO 11145:2006; EN ISO 11145:2008)
Optics and photonics – Lasers and laser-related equipment – Vocabulary and symbols (ISO 11145:2006; EN ISO 11145:2008)
- zamijenjena s: HRN EN ISO 11145:2016

HRN ISO 14132-1:2005 en,fr,ru
Optika i optički instrumenti – Rječnik naziva za dalekozorne sustave – 1. dio: Opći nazivi i abecedni popisi naziva u ISO 14132 (ISO 14132-1:2002)
Optics and optical instruments – Vocabulary for telescopic systems – Part 1: General terms and alphabetical indexes of terms in ISO 14132 (ISO 14132-1:2002)
- zamijenjena s: HRN ISO 14132-1:2016

HRN ISO 14132-2:2005 en,fr,ru
Optika i optički instrumenti – Rječnik naziva za dalekozorne sustave – 2. dio: Nazivlje za dvoglede, durbine i dalekozore na stalku (ISO 14132-2:2002)
Optics and optical instruments – Vocabulary for telescopic systems – Part 2: Terms for binoculars, monoculars and spotting telescopes (ISO 14132-2:2002)
- zamijenjena s: HRN ISO 14132-2:2016

HRN ISO 14132-2:2005/Ispr.1:2014 en
Optika i optički instrumenti – Rječnik naziva za dalekozorne sustave – 2. dio: Nazivlje za dvoglede, durbine i dalekozore na stalku (ISO 14132-2:2002/Cor 1:2006)
Optics and optical instruments – Vocabulary for telescopic systems – Part 2: Terms for binoculars, monoculars and spotting scopes (ISO 14132-2:2002/Cor 1:2006)
- zamijenjena s: HRN ISO 14132-2:2016

HRS CEN/TS 16677:2014 en
Oftalmološka optika – Referentna metoda za ispitivanje ispuštanja nikla iz naočalnih okvira i sunčanih naočala (CEN/TS 16677:2014)
Ophthalmic optics – Reference method for the testing of spectacle frames and sunglasses for nickel release (CEN/TS 16677:2014)
- zamijenjena s: HRN EN 16128:2015

HZN/TO 179, *Zidane konstrukcije*

HRN EN 772-5:2003 en
Metode ispitivanja zidnih elemenata – 5. dio: Određivanje sadržaja aktivnih topivih soli u opečnim zidnim elementima (EN 772-5:2001)
Methods of test for masonry units – Part 5: Determination of the active soluble salts content of clay masonry units (EN 772-5:2001)
- zamijenjena s: HRN EN 772-5:2016

HRN EN 846-9:2003 en
Metode ispitivanja pomoćnih dijelova ziđa – 9. dio: Određivanje otpornosti nadvoja na savijanje i posmik (EN 846-9:2000)
Methods of test for ancillary components for masonry – Part 9: Determination of flexural resistance and shear resistance of lintels (EN 846-9:2000)
- zamijenjena s: HRN EN 846-9:2016

HRN EN 1052-2:2004 en
Metode ispitivanja ziđa – 2. dio: Određivanje čvrstoće pri savijanju (EN 1052-2:1999)
Methods of test for masonry – Part 2: Determination of flexural strength (EN 1052-2:1999)
- zamijenjena s: HRN EN 1052-2:2016

HRN EN 13914-1:2005 en
Projektiranje, priprema i primjena vanjskih i unutarnjih žbuka – 1. dio: Vanjske žbuke (EN 13914-1:2005)
Design, preparation and application of external rendering and internal plastering – Part 1: External rendering (EN 13914-1:2005)
- zamijenjena s: HRN EN 13914-1:2016

HRN EN 13914-2:2005 en
Projektiranje, priprema i primjena vanjskih i unutarnjih žbuka – 2. dio: Razmatranje projektiranja i bitnih načela za unutarnje žbuke (EN 13914-2:2005)
Design, preparation and application of external rendering and internal plastering – Part 2: Design considerations and essential principles for internal plastering (EN 13914-2:2005)
- zamijenjena s: HRN EN 13914-2:2016

HZN/TO 190, *Kvaliteta tla*

HRN EN ISO 15009:2013 en
Kvaliteta tla – Određivanje sadržaja hlapljivih aromatskih ugljikovodika, naftalena i hlapljivih halogenih ugljikovodika plinskom kromatografijom – Metoda pročišćavanjem, adsorpcijom i termalnom desorpcijom (Purge-and-trap metoda) (ISO 15009:2012; EN ISO 15009:2013)
Soil quality – Gas chromatographic determination of the content of volatile aromatic hydrocarbons; naphthalene and volatile halogenated hydrocarbons – Purge-and-trap method with thermal desorption (ISO 15009:2012; EN ISO 15009:2013)
- zamijenjena s: HRN EN ISO 15009:2016

HRN EN ISO 22155:2013 en
Kvaliteta tla – Plinsko kromatografsko određivanje hlapljivih aromatskih i halogeniranih ugljikovodika i odabranih etera – Statička metoda ubrizgavanja lakohlapljivih spojeva (headspace metoda) (ISO 22155:2011; EN ISO 22155:2013)
Soil quality – Gas chromatographic determination of volatile aromatic and halogenated hydrocarbons and selected ethers – Static headspace method (ISO 22155:2011; EN ISO 22155:2013)
- zamijenjena s: HRN EN ISO 22155:2016

HZN/TO 207, *Upravljanje okolišem*

HRN EN ISO 14004:2010 en
Sustavi upravljanja okolišem – Opće smjernice o načelima, sustavima i podržavajućim tehnikama (ISO 14004:2004; EN ISO 14004:2010)
Environmental management systems – General guidelines on principles, systems and support techniques (ISO 14004:2004; EN ISO 14004:2010)
- zamijenjena s: HRN EN ISO 14004:2016

HRN EN ISO 14021:2008 en
Oznake i izjave za područje okoliša – Samodeklarirane oznake o utjecaju na okoliš (Označivanje povezano s okolišem tipa II) (ISO 14021:1999; EN ISO 14021:2001)
Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling) (ISO 14021:1999; EN ISO 14021:2001)
- zamijenjena s: HRN EN ISO 14021:2016

HRN EN ISO 14021:2008/A1:2012 en
Oznake i izjave za područje okoliša – Samodeklarirane oznake o utjecaju na okoliš (Označivanje povezano s okolišem tipa II) – Amandman 1 (ISO 14021:1999/Amd 1:2011; EN ISO 14021:2001/A1:2011)
Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling) – Amendment 1 (ISO 14021:1999/Amd 1:2011; EN ISO 14021:2001/A1:2011)
- zamijenjena s: HRN EN ISO 14021:2016

HZN/TO 211, *Geoinformacije/Geomatika*

HRN EN ISO 19119:2008 en
Geoinformacije – Usluge (ISO 19119:2005; EN ISO 19119:2006)
Geographic information – Services (ISO 19119:2005; EN ISO 19119:2006)
- zamijenjena s: HRN EN ISO 19119:2016

HRN EN ISO 19119:2008/A1:2011 en
Geoinformacije – Usluge – Amandman 1: Proširenja modela metapodataka za usluge (ISO 19119:2005/Amd 1:2008; EN ISO 19119:2006/A1:2011)
Geographic information – Services – Amendment 1: Extensions of the service metadata model (ISO 19119:2005/Amd 1:2008; EN ISO 19119:2006/A1:2011)
- zamijenjena s: HRN EN ISO 19119:2016

HZN/TO 215, *Medicinska informatika*

HRN EN 13940-1:2008 en
Medicinska informatika – Sustav koncepata za potporu kontinuiteta zdravstvene zaštite – 1. dio: Osnovni pojmovi (EN 13940-1:2007)
Health informatics – System of concepts to support continuity of care – Part 1: Basic concepts (EN 13940-1:2007)
- zamijenjena s: HRN EN ISO 13940:2016

HRN EN 15521:2008 en
Medicinska informatika – Kategorijalna struktura za nazivlje u anatomiji čovjeka (EN 15521:2007)
Health informatics – Categorial structure for terminologies of human anatomy (EN 15521:2007)
- zamijenjena s: HRN EN ISO 16278:2016

HZN/TO 219, *Podne obloge*

HRN EN 13329:2009 en
Laminatne podne obloge – Elementi s površinskim slojem na bazi aminoplastičnih termostabilnih smola – Specifikacije, zahtjevi i ispitne metode (EN 13329:2006+A1:2008)
Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods (EN 13329:2006+A1:2008)
- zamijenjena s: HRN EN 13329:2016

HRN EN 14978:2008 en
Laminatne podne obloge – Elementi s površinskim slojem na bazi akrila otvrdnuti elektronskim snopom – Specifikacije, zahtjevi i ispitne metode (EN 14978:2006)
Laminate floor coverings – Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods (EN 14978:2006)
- zamijenjena s: HRN EN 14978:2016

HRN EN 15468:2008 en
Laminatne podne obloge – Elementi s gotovim otisnutim uzorkom i površinskim slojem od smole – Specifikacije, zahtjevi i ispitne metode (EN 15468:2007)
Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods (EN 15468:2007)
- zamijenjena s: HRN EN 15468:2016

HZN/TO 221, *Geosintetici*

HRN EN 14196:2004 en
Geosintetici – Ispitne metode za mjerenje mase po jedinici površine glinenih geosintetičkih barijera (EN 14196:2003)
Geosynthetics – Test methods for measuring mass per unit area of clay geosynthetic barriers (EN 14196:2003)
- zamijenjena s: HRN EN 14196:2016

HZN/TO 503, *Metalni materijali*

HRN EN 754-1:2008 en
Aluminij i aluminijeve legure – Hladno vučene šipke i cijevi – 1. dio: Tehnički uvjeti za preuzimanje i isporuku (EN 754-1:2008)
Aluminium and aluminium alloys – Cold drawn rod/bar and tube – Part 1: Technical conditions for inspection and delivery (EN 754-1:2008)
- zamijenjena s: HRN EN 754-1:2016

HRN EN 755-2:2014 en
Aluminij i aluminijeve legure – Istisnute šipke, cijevi i profili – 2. dio: Mehanička svojstva (EN 755-2:2013)
Aluminium and aluminium alloys – Extruded rod/bar, tube and profiles – Part 2: Mechanical properties (EN 755-2:2013)
- zamijenjena s: HRN EN 755-2:2016

HRN EN ISO 7438:2008 en
Metalni materijali – Ispitivanje savijanjem (ISO 7438:2005; EN ISO 7438:2005)
Metallic materials – Bend test (ISO 7438:2005; EN ISO 7438:2005)
- zamijenjena s: HRN EN ISO 7438:2016

HRN EN 10139:2000 en
Hladno valjane trake bez prevlaka od mekih čelika za hladno oblikovanje – Tehnički uvjeti isporuke (EN 10139:1997)
Cold rolled uncoated mild steel narrow strip for cold forming – Technical delivery conditions (EN 10139:1997)
- zamijenjena s: HRN EN 10139:2016

HRN EN 10305-1:2010 en
Precizne čelične cijevi – Tehnički uvjeti isporuke – 1. dio: Bešavne, hladno vučene cijevi (EN 10305-1:2010)
Steel tubes for precision applications – Technical delivery conditions – Part 1: Seamless cold drawn tubes (EN 10305-1:2010)
- zamijenjena s: HRN EN 10305-1:2016

HRN EN 10305-2:2010 en
Precizne čelične cijevi – Tehnički uvjeti isporuke – 2. dio: Zavarene, hladno vučene cijevi (EN 10305-2:2010)
Steel tubes for precision applications – Technical delivery conditions – Part 2: Welded cold drawn tubes (EN 10305-2:2010)
- zamijenjena s: HRN EN 10305-2:2016

HRN EN 10305-3:2010 en
Precizne čelične cijevi – Tehnički uvjeti isporuke – 3. dio: Zavarene, hladno valjane cijevi (EN 10305-3:2010)
Steel tubes for precision applications – Technical delivery conditions – Part 3: Welded cold sized tubes (EN 10305-3:2010)
- zamijenjena s: HRN EN 10305-3:2016

HRN EN 10305-4:2011 en
Precizne čelične cijevi – Tehnički uvjeti isporuke – 4. dio: Bešavne hladno vučene cijevi za hidraulične i pneumatske energetske sustave (EN 10305-4:2011)
Steel tubes for precision applications – Technical delivery conditions – Part 4: Seamless cold drawn tubes for hydraulic and pneumatic power systems (EN 10305-4:2011)
- zamijenjena s: HRN EN 10305-4:2016

HRN EN 10305-5:2010 en
Precizne čelične cijevi – Tehnički uvjeti isporuke – 5. dio: Zavarene, hladno valjane cijevi kvadratnog i četvrtastog presjeka (EN 10305-5:2010)
Steel tubes for precision applications – Technical delivery conditions – Part 5: Welded cold sized square and rectangular tubes (EN 10305-5:2010)
- zamijenjena s: HRN EN 10305-5:2016

HRN EN 10305-6:2007 en
Precizne čelične cijevi – Tehnički uvjeti isporuke – 6. dio: Zavarene hladno vučene cijevi za hidraulične i pneumatske tlačne sustave (EN 10305-6:2005)
Steel tubes for precision applications – Technical delivery conditions – Part 6: Welded cold drawn tubes for hydraulic and pneumatic power systems (EN 10305-6:2005)
- zamijenjena s: HRN EN 10305-6:2016

HRN EN 10329:2008 en
Čelične cijevi i prirubnice za podmorske i kopnene cjevovode – Prevlačenje spojeva na vanjskom radilištu (EN 10329:2006)
Steel tubes and fittings for onshore and offshore pipelines – External field joint coatings (EN 10329:2006)
- zamijenjena s: HRN EN ISO 21809-3:2016

HRN EN 12392:2003 en
Aluminij i aluminijeve legure – Gnječeni proizvodi – Posebni zahtjevi na proizvode za izradbu tlačne opreme (EN 12392:2000)
Aluminium and aluminium alloys – Wrought products – Special requirements for products intended for the production of pressure equipment (EN 12392:2000)
- zamijenjena s: HRN EN 12392:2016

HRN EN 24829-2:2008 en
Čelik i željezni lijev – Određivanje ukupnog sadržaja silicija – Spektrofotometrijska metoda pomoću reduciranog molibdensilikata – 2. dio: Sadržaj silicija između 0,01 i 0,05% (ISO 4829-2:1988; EN 24829-2:1990+AC:1991)
Steel and cast iron – Determination of total silicon content – Reduced molybdosilicate spectrophotometric method – Part 2: Silicon content between 0,01 and 0,05% (ISO 4829-2:1988; EN 24829-2:1990+AC:1991)
- zamijenjena s: HRN EN ISO 4829-2:2016

HRN EN 24938:2008 en
Čelik i željezni lijev – Određivanje sadržaja nikla – Gravimetrijska ili titrimetrijska metoda (ISO 4938:1988; EN 24938:1990+AC:1991)
Steel and iron – Determination of nickel content – Gravimetric or titrimetric method (ISO 4938:1988; EN 24938:1990+AC:1991)
- zamijenjena s: HRN EN ISO 4938:2016

HRN EN 24946:2008 en
Čelik i željezni lijev – Određivanje sadržaja bakra – 2,2'diquinolyl spektrofotometrijska metoda (ISO 4946:1984; EN 24946:1990+AC:1991)
Steel and cast iron – Determination of copper content – 2,2'diquinolyl spectrophotometric method (ISO 4946:1984; EN 24946:1990+AC:1991)
- zamijenjena s: HRN EN ISO 4946:2016

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

HRN EN 13811:2004 en
Šerardizacija – Cinkove difuzijske prevlake na željeznim i čeličnim proizvodima – Specifikacija (EN 13811:2003)
Sherardizing – Zinc diffusion coatings on ferrous products – Specification (EN 13811:2003)
- zamijenjena s: HRN EN ISO 17668:2016

HRN CEN/TS 14038-1:2007 en
Elektrokemijska realkalizacija i postupci ekstrakcije klorida za armirani beton – 1. dio: Realkalizacija (CEN/TS 14038-1:2004)
Electrochemical realkalization and chloride extraction treatments for reinforced concrete – Part 1: Realkalization (CEN/TS 14038-1:2004)
- zamijenjena s: HRN EN 14038-1:2016

HRN EN ISO 28765:2012 en
Staklasti i porculanski emajli – Projektiranje vijcima spojenih čeličnih spremnika za skladištenje ili obradu voda ili komunalnih ili industrijskih ispusta i muljeva (ISO 28765:2008; EN ISO 28765:2011)
Vitreous and porcelain enamels – Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (ISO 28765:2008; EN ISO 28765:2011)
- zamijenjena s: HRN EN ISO 28765:2016

HZN/TO 505, *Prijenos i distribucija plina*

HRN EN 1474-1:2010 en
Ugradnja i oprema za ukapljeni prirodni plin – Projektiranje i ispitivanje pomorskih prijenosnih sustava – 1. dio: Projektiranje i ispitivanje priključaka za pretakanje (EN 1474-1:2008)
Installation and equipment for liquefied natural gas – Design and testing of marine transfer systems – Part 1: Design and testing of transfer arms (EN 1474-1:2008)
- zamijenjena s: EN ISO 16904:2016

HRN EN 1918-1:1999 en
Sustavi opskrbe plinom – Podzemno skladištenje plina – 1. dio: Funkcionalne preporuke za skladištenje plina u vodonosnim ležištima (EN 1918-1:1998)
Gas supply systems – Underground gas storage – Part 1: Functional recommendations for storage in aquifers (EN 1918-1:1998)
- zamijenjena s: HRN EN 1918-1:2016

HRN EN 1918-2:1999 en
Sustavi opskrbe plinom – Podzemno skladištenje plina – 2. dio: Funkcionalne preporuke za skladištenje plina u naftnim i plinskim ležištima (EN 1918-2:1998)
Gas supply systems – Underground gas storage – Part 2: Functional recommendations for storage in oil and gas fields (EN 1918-2:1998)
- zamijenjena s: HRN EN 1918-2:2016

HRN EN 1918-3:1999 en
Sustavi opskrbe plinom – Podzemno skladištenje plina – 3. dio: Funkcionalne preporuke za skladištenje plina u kavernama izrađenim u naslagama soli (EN 1918-3:1998)
Gas supply systems – Underground gas storage – Part 3: Functional recommendations for storage in solution-mined salt cavities (EN 1918-3:1998)
- zamijenjena s: HRN EN 1918-3:2016

HRN EN 1918-4:1999 en
Sustavi opskrbe plinom – Podzemno skladištenje plina – 4. dio: Funkcionalne preporuke za skladištenje plina u kavernama izrađenim u stijenama (EN 1918-4:1998)
Gas supply systems – Underground gas storage – Part 4: Functional recommendations for storage in rock caverns (EN 1918-4:1998)
- zamijenjena s: HRN EN 1918-4:2016

HRN EN 1918-5:1999 en
Sustavi opskrbe plinom – Podzemno skladištenje plina – 5. dio: Funkcionalne preporuke za površinske instalacije (EN 1918-5:1998)
Gas supply systems – Underground gas storage – Part 5: Functional recommendations for surface facilities (EN 1918-5:1998)
- zamijenjena s: HRN EN 1918-5:2016

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

HRN EN ISO 19901-5:2004 en
Industrija nafte i prirodnog plina – Posebni zahtjevi za odobalne konstrukcije – 5. dio: Kontrola mase tijekom projektiranja i građenja (ISO 19901-5:2003; EN ISO 19901-5:2003)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 5: Weight control during engineering and construction (ISO 19901-5:2003; EN ISO 19901-5:2003)
- zamijenjena s: HRN EN ISO 19901-5:2016

HRN EN ISO 19905-1:2013 en
Industrija nafte i prirodnoga plina – Specifično ocjenjivanje pokretnih odobalnih jedinica – 1. dio: Samopodizne platforme (ISO 19905-1:2012; EN ISO 19905-1:2012)
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 1: Jack-ups (ISO 19905-1:2012; EN ISO 19905-1:2012)
- zamijenjena s: HRN EN ISO 19905-1:2016

HZN/TO 509, *Cestovna oprema*

HRN CEN/TS 1793-5:2004 en
Barijere za zaštitu od buke s cesta – Ispitne metode za određivanje akustičkih svojstava – 5. dio: Osnovne značajke – In situ vrijednosti refleksije zvuka i izolacije od vanjske buke (CEN/TS 1793-5:2003)
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection and airborne sound insulation (CEN/TS 1793-5:2003)
- zamijenjena s: HRN EN 1793-5:2016

HZN/TO 511, *Eksplozivi za civilnu uporabu*

HRN EN 15947-1:2010 en,fr,de
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 1. dio: Nazivlje (EN 15947-1:2010)
Pyrotechnic articles – Fireworks, Categories 1, 2, and 3 – Part 1: Terminology (EN 15947-1:2010)
- zamijenjena s: HRN EN 15947-1:2016

HRN EN 15947-2:2010 en
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 2. dio: Kategorije i tipovi vatrometa (EN 15947-2:2010)
Pyrotechnic articles – Fireworks, Categories 1, 2, and 3 – Part 2: Categories and types of firework (EN 15947-2:2010)
- zamijenjena s: HRN EN 15947-2:2016

HRN EN 15947-3:2010 en
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 3. dio: Osnovni zahtjevi za označivanje (EN 15947-3:2010)
Pyrotechnic articles – Fireworks, Categories 1, 2, and 3 – Part 3: Minimum labelling requirements (EN 15947-3:2010)
- zamijenjena s: HRN EN 15947-3:2016

HRN EN 15947-4:2010 en
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 4. dio: Metode ispitivanja (EN 15947-4:2010)
Pyrotechnic articles – Fireworks, Categories 1, 2 and 3 – Part 4: Test methods (EN 15947-4:2010)
- zamijenjena s: HRN EN 15947-4:2016

HRN EN 15947-5:2010 en
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 5. dio: Zahtjevi za konstrukciju i svojstva (EN 15947-5:2010)
Pyrotechnic articles – Fireworks, Categories 1, 2, and 3 – Part 5: Requirements for construction and performance (EN 15947-5:2010)
- zamijenjena s: HRN EN 15947-5:2016

HZN/TO 524, *Inteligentni transportni sustavi*

HRS CEN ISO/TS 16403-1:2012 en
Elektronička naplata – Vrednovanje opreme sukladno ISO/TS 17575-4 – 1. dio: Struktura niza testova i svrha ispitivanja (ISO/TS 16403-1:2012; CEN ISO/TS 16403-1:2012)
Electronic fee collection – Evaluation of equipment for conformity to ISO/TS 17575-4 – Part 1: Test suite structure and test purposes (ISO/TS 16403-1:2012; CEN ISO/TS 16403-1:2012)
- bez zamjene

HRS CEN ISO/TS 16403-2:2012 en
Elektronička naplata – Vrednovanje opreme sukladno ISO/TS 17575-4 – 2. dio: Načelni niz testova (ISO/TS 16403-2:2012; CEN ISO/TS 16403-2:2012)
Electronic fee collection – Evaluation of equipment for conformity to ISO/TS 17575-4 – Part 2: Abstract test suite (ISO/TS 16403-2:2012; CEN ISO/TS 16403-2:2012)
- bez zamjene

HRS CEN/TS 16439:2013 en
Elektronička naplata – Sigurnosni okvir (CEN/TS 16439:2013)
Electronic fee collection – Security framework (CEN/TS 16439:2013)
- zamijenjena s: HRS CEN ISO/TS 19299:2016

HRS CEN ISO/TS 17575-1:2011 en
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 1. dio: Naplaćivanje (ISO/TS 17575-1:2010; CEN ISO/TS 17575-1:2010)
Electronic fee collection – Application interface definition for autonomous systems – Part 1: Charging (ISO/TS 17575-1:2010; CEN ISO/TS 17575-1:2010)
- zamijenjena s: HRN EN ISO 17575-1:2016

HRS CEN ISO/TS 17575-1:2011/Ispr.1:2013 en
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 1. dio: Naplaćivanje – Tehnički ispravak 1 (ISO/TS 17575-1:2010/Cor 1:2013; CEN ISO/TS 17575-1:2010/AC:2013)
Electronic fee collection – Application interface definition for autonomous systems – Part 1: Charging – Technical Corrigendum 1 (ISO/TS 17575-1:2010/Cor 1:2013; CEN ISO/TS 17575-1:2010/AC:2013)
- zamijenjena s: HRN EN ISO 17575-1:2016

HRS CEN ISO/TS 17575-2:2011 en
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 2. dio: Komunikacija i povezivanje s nižim slojevima (ISO/TS 17575-2:2010; CEN ISO/TS 17575-2:2010)
Electronic fee collection – Application interface definition for autonomous systems – Part 2: Communication and connection to the lower layers (ISO/TS 17575-2:2010; CEN ISO/TS 17575-2:2010)
- zamijenjena s: HRN EN ISO 17575-2:2016

HRS CEN ISO/TS 17575-3:2013 en
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 3. dio: Podaci okruženja (ISO/TS 17575-3:2011+Cor 1:2013; CEN ISO/TS 17575-3:2011+AC:2013)
Electronic fee collection – Application interface definition for autonomous systems – Part 3: Context data (ISO/TS 17575-3:2011+Cor 1:2013; CEN ISO/TS 17575-3:2011+AC:2013)
- zamijenjena s: HRN EN ISO 17575-3:2016

HRS CEN ISO/TS 17575-4:2013 en
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 4. dio: Roaming (ISO/TS 17575-4:2011; CEN ISO/TS 17575-4:2011)
Electronic fee collection – Application interface definition for autonomous systems – Part 4: Roaming (ISO/TS 17575-4:2011; CEN ISO/TS 17575-4:2011)
- bez zamjene

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

HRN EN 1873:2014 en
Montažni pribor za pokrivanje krovova – Zasebni plastični krovni svjetlarnici – Specifikacije proizvoda i metode ispitivanja (EN 1873:2014)
Prefabricated accessories for roofing – Individual rooflights of plastics – Product specification and test methods (EN 1873:2014)
- zamijenjena s: HRN EN 1873:2016

HRN EN 15814:2012 en
Polimerom modificirani bitumenski debeloslojni premazi za hidroizolaciju – Definicije i zahtjevi (EN 15814:2011+A1:2012)
Polymer modified bituminous thick coatings for waterproofing – Definitions and requirements (EN 15814:2011+A1:2012)
- zamijenjena s: HRN EN 15814:2015

HZN/TO 528, *Oprema za željeznice*

HRN EN 14363:2007 en
Željeznički sustav – Ispitivanja za odobravanje voznih svojstava željezničkih vozila – Ispitivanja ponašanja u vožnji i stacionarna ispitivanja (EN 14363:2005)
Railway applications – Testing for the acceptance of running characteristics of railway vehicles – Testing of running behaviour and stationary tests (EN 14363:2005)
- zamijenjena s: HRN EN 14363:2016

HRN EN 15686:2011 en
Željeznički sustav – Ispitivanja za prihvaćanje voznih karakteristika željezničkih vozila sa sustavima za kompenzaciju naginjanja i/ili vozila koja trebaju raditi pod nagibima većim od onih navedenih u EN 14363:2005, Dodatak G (EN 15686:2010)
Railway applications – Testing for the acceptance of running characteristics of railway vehicles with cant deficiency compensation system and/or vehicles intended to operate with higher cant deficiency than stated in EN 14363:2005, Annex G (EN 15686:2010)
- zamijenjena s: HRN EN 14363:2016

HRN EN 15687:2011 en
Željeznički sustav – Ispitivanja za prihvaćanje voznih karakteristika teretnih vozila sa statičkim osovinskim opterećenjem većim od 225 kN do 250 kN (EN 15687:2010)
Railway applications – Testing for the acceptance of running characteristics of freight vehicles with static axle loads higher than 225 kN and up to 250 kN (EN 15687:2010)
- zamijenjena s: HRN EN 14363:2016

HZN/TO 531, *Plastika i guma*

HRN EN 59:2008 en
Plastika ojačana staklom – Mjerenje tvrdoće Barcolovim tvrdomjerom (EN 59:1977)
Glass reinforced plastics – Measurement of hardness by means of a Barcol impressor (EN 59:1977)
- zamijenjena s: HRN EN 59:2016

HRN EN 438-1:2008 en
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 1. dio: Uvod i opće informacije (EN 438-1:2005)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 1: Introduction and general information (EN 438-1:2005)
- zamijenjena s: HRN EN 438-1:2016

HRN EN 438-2:2008 en
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 2. dio: Određivanje svojstava (EN 438-2:2005)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (usually called Laminates) – Part 2: Determination of properties (EN 438-2:2005)
- zamijenjena s: HRN EN 438-2:2016

HRN EN 438-3:2008 en
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 3. dio: Razredba i specifikacija laminata tanjih od 2 mm namijenjenih za povezivanje (lijepljenje) na potporni supstrat (EN 438-3:2005)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 3: Classification and specifications for laminates less than 2 mm thick intended for bonding to supporting substrates (EN 438-3:2005)
- zamijenjena s: HRN EN 438-3:2016

HRN EN 438-4:2008 en
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 4. dio: Razredba i specifikacija kompaktnih laminata debljine 2 mm i više (EN 438-4:2005)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 4: Classification and specifications for Compact laminates of thickness 2 mm and greater (EN 438-4:2005)
- zamijenjena s: HRN EN 438-4:2016

HRN EN 438-5:2008 en
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 5. dio: Razredba i specifikacija podnih laminata tanjih od 2 mm namijenjenih za povezivanje (lijepljenje) na potporni supstrat (EN 438-5:2005)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 5: Classification and specifications for flooring grade laminates less than 2 mm thick intended for bonding to supporting substrates (EN 438-5:2005)
- zamijenjena s: HRN EN 438-5:2016

HRN EN 438-6:2008 en
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 6. dio: Razredba i specifikacije kompaktnih laminata za vanjsku uporabu debljine 2 mm i više (EN 438-6:2005)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 6: Classification and specifications for Exterior-grade Compact laminates of thickness 2 mm and greater (EN 438-6:2005)
- zamijenjena s: HRN EN 438-6:2016

HRN EN ISO 1872-2:2008 en
Plastika – Polietilenski (PE) prešani i ekstrudirani materijali – 2. dio: Priprava ispitaka i određivanje svojstava (ISO 1872-2:2007; EN ISO 1872-2:2007)
Plastics – Polyethylene (PE) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 1872-2:2007; EN ISO 1872-2:2007)
- zamijenjena s: HRN EN ISO 17855-2:2016

HRN EN ISO 1873-2:2008 en
Plastika – Polipropilenski (PP) prešani i ekstrudirani materijali – 2. dio: Priprava ispitaka i određivanje svojstava (ISO 1873-2:2007; EN ISO 1873-2:2007)
Plastics – Polypropylene (PP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 1873-2:2007; EN ISO 1873-2:2007)
- zamijenjena s: HRN EN ISO 19069-2:2016

HRN EN ISO 4892-3:2013 en
Plastika – Metode izlaganja izvorima svjetla u laboratoriju – 3. dio. Fluorescentne UV-svjetiljke (ISO 4892-3:2013; EN ISO 4892-3:2013)
Plastics – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps (ISO 4892-3:2013; EN ISO 4892-3:2013)
- zamijenjena s: HRN EN ISO 4892-3:2016

HRN EN ISO 5774:2008 en
Plastična crijeva – Tekstilom ojačani tipovi za upotrebu pri djelovanju stlačenog zraka – Specifikacija (ISO 5774:2006; EN ISO 5774:2008)
Plastics hoses – Textile-reinforced types for compressed-air applications – Specification (ISO 5774:2006; EN ISO 5774:2008)
- zamijenjena s: HRN EN ISO 5774:2016

HRN EN 14420-8:2013 en
Crijevni priključci sa stezaljkama – 8. dio: Simetrične poluspojke (Guillemin sustav) (EN 14420-8:2013)
Hose fittings with clamp units – Part 8: Symmetrical half coupling (Guillemin system) (EN 14420-8:2013)
- zamijenjena s: HRN EN 14420-8:2016

HZN/TO 532, *Dimnjaci*

HRN DIN 18160-5:2013 de
Dimnjaci – 5. dio: Naprave za pristup dimnjaku – Zahtjevi, projektiranje i izvedba (DIN 18160-5:2008)
Abgasanlagen – Teil 5: Einrichtungen für Schornsteinfegerarbeiten – Anforderungen, Planung und Ausfürung (DIN 18160-5:2008)
- zamijenjena s: HRN DIN 18160-5:2016

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

HRN EN 572-1:2012 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 1. dio: Definicije i opća fizikalna i mehanička svojstva (EN 572-1:2012)
Glass in building – Basic soda lime silicate glass products – Part 1: Definitions and general physical and mechanical properties (EN 572-1:2012)
- zamijenjena s: HRN EN 572-1:2016

HRN EN 572-8:2012 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 8. dio: Isporučive i konačno rezane mjere (EN 572-8:2012)
Glass in building – Basic soda lime silicate glass products – Part 8: Supplied and final cut sizes (EN 572-8:2012)
- zamijenjena s: HRN EN 572-8:2016

HRN EN 1026:2001 en
Prozori i vrata – Propusnost zraka – Metoda ispitivanja (EN 1026:2000)
Windows and doors – Air permeability – Test method (EN 1026:2000)
- zamijenjena s: HRN EN 1026:2016

HRN EN 1027:2001 en
Prozori i vrata – Vodonepropusnost – Metoda ispitivanja (EN 1027:2000)
Windows and doors – Watertightness – Test method (EN 1027:2000)
- zamijenjena s: HRN EN 1027:2016

HRN EN 12209:2008 en
Građevni okovi – Brave i zasuni – Mehaničke brave, zasuni i pločice za zaključavanje – Zahtjevi i ispitne metode (EN 12209:2003+AC:2005)
Building hardware – Locks and latches – Mechanically operated locks, latches and locking plates – Requirements and test methods (EN 12209:2003+AC:2005)
- zamijenjena s: HRN EN 12209:2016

HRN EN 12210:2001 en
Prozori i vrata – Otpornost na opterećenje vjetrom – Razredba (EN 12210:1999)
Windows and doors – Resistance to wind load – Classification (EN 12210:1999)
- zamijenjena s: HRN EN 12210:2016

HRN EN 12210/AC:2005 en
Prozori i vrata – Otpornost na opterećenje vjetrom – Razredba (EN 12210:1999/AC:2002)
Windows and doors – Resistance to wind load – Classification (EN 12210:1999/AC:2002)
- zamijenjena s: HRN EN 12210:2016

HRN EN 12211:2001 en
Prozori i vrata – Otpornost na opterećenje vjetrom – Metoda ispitivanja (EN 12211:2000)
Windows and doors – Resistance to wind load – Test method (EN 12211:2000)
- zamijenjena s: HRN EN 12211:2016

HRN EN 12608:2003 en
Profili od neomekšanog poli(vinil-klorida) (PVC-U) za proizvodnju prozora i vrata – Razredba, zahtjevi i ispitne metode (EN 12608:2003)
Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors – Classification, requirements and test methods (EN 12608:2003)
- bez zamjene

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

HRN ISO 4067-2:2003 en
Crteži u graditeljstvu – Instalacije – 2. dio: Pojednostavnjeno prikazivanje sanitarne opreme (ISO 4067-2:1980)
Building and civil engineering drawings – Installations – Part 2: Simplified representation of sanitary appliances (ISO 4067-2:1980)
- bez zamjene

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

HRN EN 12791:2005 en
Kemijski dezinficijensi i antiseptici – Dezinficijensi za kiruršku dezinfekciju ruku – Metoda ispitivanja i zahtjevi (faza 2/korak 2) (EN 12791:2005)
Chemical disinfectants and antiseptics – Surgical hand disinfectants – Test method and requirements (phase 2/step 2) (EN 12791:2005)
- zamijenjena s: HRN EN 12791:2016

HZN/TO 543, *Poštanske usluge*

HRN EN 14508:2007 en
Poštanske usluge – Kvaliteta usluga – Mjerenje vremena prijenosa pojedinačne neprioritetne pošiljke od prijama do uručenja (EN 14508:2003+A1:2007)
Postal services – Quality of service – Measurement of the transit time of end-to-end services for single piece non-priority mail and second class mail (EN 14508:2003+A1:2007)
- zamijenjena s: HRN EN 14508:2016

HRI CEN/TR 15472:2008 en
Poštanske usluge – Mjerenje vremena prijenosa paketa uporabom sustava praćenja i traženja (CEN/TR 15472:2006)
Postal services – Measurement of transit times for parcels by the use of a track and trace system (CEN/TR 15472:2006)
- zamijenjena s: HRS CEN/TS 15472:2016

HZN/TO 550, *Opskrba vodom*

HRN EN 878:2005 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Aluminijev sulfat (EN 878:2004)
Chemicals used for treatment of water intended for human consumption – Aluminium sulfate (EN 878:2004)
- zamijenjena s: HRN EN 878:2016

HRN EN 882:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev aluminat (EN 882:2004)
Chemicals used for treatment of water intended for human consumption – Sodium aluminate (EN 882:2004)
- zamijenjena s: HRN EN 882:2016

HRN EN 887:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Aluminijev željezov (III) sulfat (EN 887:2004)
Chemicals used for treatment of water intended for human consumption – Aluminium iron (III) sulfate (EN 887:2004)
- zamijenjena s: HRN EN 887:2016

HZN/TO 551, *Gradnja*

HRN ISO 2394:2002 en
Opća načela pouzdanosti konstrukcija (ISO 2394:1998)
General principles on reliability for structures (ISO 2394:1998)
- zamijenjena s: HRN ISO 2394:2016

HZN/TO 554, *Obrada otpadnih voda*

HRN EN 1085:2013 hr,en,fr,de
Pročišćavanje otpadnih voda – Terminološki rječnik (EN 1085:2007)
Wastewater treatment – Vocabulary (EN 1085:2007)
- bez zamjene

HRI CEN/TR 15128:2008 en
Pregled europskih norma za sanaciju odvoda i kanalizacijskih sustava (CEN/TR 15128:2005)
Survey of European Standards for rehabilitation of drain and sewer systems (CEN/TR 15128:2005)
- bez zamjene

HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 13485:2012 en
Medicinski uređaji – Sustavi upravljanja kvalitetom – Zahtjevi za zakonsku namjenu (ISO 13485:2003+Cor 1:2009; EN ISO 13485:2012+AC:2012)
Medical devices – Quality management systems – Requirements for regulatory purposes (ISO 13485:2003+Cor 1:2009; EN ISO 13485:2012+AC:2012)
- zamijenjena s: HRN EN ISO 13485:2016

HZN/TO 556, *Osobna zaštitna oprema*

HRN EN 458:2009 hr
Štitnici sluha – Preporuke za odabir, uporabu, njegu i održavanje – Upute (EN 458:2004)
Hearing protectors – Recommendations for selection, use, care and maintenance – Guidance document (EN 458:2004)
- zamijenjena s: HRN EN 458:2016

HZN/TO 557, *Zaštitna odjeća*

HRN EN 1073-1:2001 en
Odjeća za zaštitu od radioaktivne kontaminacije – 1. dio: Zahtjevi i ispitne metode za prozračivu odjeću za zaštitu od kontaminacije radioaktivnim česticama (EN 1073-1:1998)
Protective clothing against radioactive contamination – Part 1: Requirements and test methods for ventilated protective clothing against particulate radioactive contamination (EN 1073-1:1998)
- zamijenjena s: HRN EN 1073-1:2016

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

HRN EN 19:2003 en
Industrijski ventili – Označivanje (EN 19:2002)
Industrial valves – Marking of metallic valves (EN 19:2002)
- zamijenjena s: HRN EN 19:2016

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

HRN EN 1440:2012 en
Oprema i pribor za UNP – Periodični pregled prenosivih, ponovno punjivih boca za UNP (EN 1440:2008+A1:2012)
LPG equipment and accessories – Periodic inspection of transportable refillable LPG cylinders (EN 1440:2008+A1:2012)
- zamijenjena s: HRN EN 16728:2016, HRN EN 1440:2016

HZN/TO 563, *Sigurnost strojeva*

HRN EN 13478:2008 en
Sigurnost strojeva – Prevencija i zaštita od požara (EN 13478:2001+A1:2008)
Safety of machinery – Fire prevention and protection (EN 13478:2001+A1:2008)
- zamijenjena s: HRN EN ISO 19353:2016

HZN/TO 564, *Uljarice, biljna i životinjska ulja i masti*

HRN EN ISO 734-1:2007 en
Uljane pogače i sačme – Određivanje količine ulja – 1. dio Metoda ekstrakcije heksanom (ili petroleterom) (ISO 734-1:2006; EN ISO 734-1:2006)
Oilseed meals – Determination of oil content – Part 1: Extraction method with hexane (or light petroleum) (ISO 734-1:2006; EN ISO 734-1:2006)
- zamijenjena s: HRN EN ISO 734:2016

HRN EN ISO 734-2:2010 en
Uljane pogače i sačme – Određivanje udjela ulja – 2. dio: Brza metoda ekstrakcijom (ISO 734-2:2008, ispravljena verzija 2009-06-01; EN ISO 734-2:2010)
Oilseed meals – Determination of oil content – Part 2: Rapid extraction method (ISO 734-2:2008, corrected version 2009-06-01; EN ISO 734-2:2010)
- zamijenjena s: HRN EN ISO 22630:2016

HRN EN ISO 6885:2007 en
Životinjske i biljne masti i ulja – Određivanje anisidinskog broja (ISO 6885:2006; EN ISO 6885:2007)
Animal and vegetable fats and oils – Determination of anisidine value (ISO 6885:2006; EN ISO 6885:2007)
- zamijenjena s: HRN EN ISO 6885:2016

HRN EN ISO 6886:2008 en
Životinjske i biljne masti i ulja – Određivanje oksidativne stabilnosti (ubrzani test oksidacije) (ISO 6886:2006; EN ISO 6886:2008)
Animal and vegetable fats and oils – Determination of oxidative stability (accelerated oxidation test) (ISO 6886:2006; EN ISO 6886:2008)
- bez zamjene

HZN/TO 569, *Hrana za životinje*

HRN EN ISO 13904:2005 en
Stočna hrana – Određivanje količine triptofana (ISO 13904:2005; EN ISO 13904:2005)
Animal feeding stuffs – Determination of tryptophan content (ISO 13904:2005; EN ISO 13904:2005)
- zamijenjena s: HRN EN ISO 13904:2016

HZN/TO 570, *Sustavi upravljanja energijom*

HRI CEN/CLC/TR 16103:2014 en
Upravljanje energijom i energijska učinkovitost – Pojmovnik (CEN/CLC/TR 16103:2010)
Energy management and energy efficiency – Glossary of terms (CEN/CLC/TR 16103:2010)
- zamijenjena s: HRN EN ISO/IEC 13273-1:2016, HRN EN ISO/IEC 13273-2:2016

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

HRN EN 1809:2014 en
Oprema za ronjenje – Kompenzatori plutanja – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1809:2014)
Diving equipment – Buoyancy compensators – Functional and safety requirements, test methods (EN 1809:2014)
- zamijenjena s: HRN EN 1809:2016

HRN EN 13451-3:2014 en
Oprema za bazene – 3. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za dovode i odvode i naprave za zabavu na temelju vode/zraka (EN 13451-3:2011+A2:2014)
Swimming pool equipment – Part 3: Additional specific safety requirements and test methods for inlets and outlets and water/air based water leisure features (EN 13451-3:2011+A2:2014)
- zamijenjena s: HRN EN 13451-3:2016

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

HRN EN ISO 9000:2008 hr,en,fr,de
Sustavi upravljanja kvalitetom – Temeljna načela i terminološki rječnik (ISO 9000:2005; EN ISO 9000:2005)
Quality management systems – Fundamentals and vocabulary (ISO 9000:2005; EN ISO 9000:2005)
- zamijenjena s: HRN EN ISO 9000:2015

HRN EN ISO 9001:2009 hr,en
Sustavi upravljanja kvalitetom – Zahtjevi (ISO 9001:2008; EN ISO 9001:2008)
Quality management systems – Requirements (ISO 9001:2008; EN ISO 9001:2008)
- zamijenjena s: HRN EN ISO 9001:2015

HRN EN ISO 9001:2009/Ispr.1:2010 en
Sustavi upravljanja kvalitetom – Zahtjevi (ISO 9001:2008/Cor 1:2009; EN ISO 9001:2008/AC:2009)
Quality management systems – Requirements (ISO 9001:2008/Cor 1:2009; EN ISO 9001:2008/AC:2009)
- zamijenjena s: HRN EN ISO 9001:2015

HZN/TO E2, *Rotacijski strojevi*

HRN EN 60034-18-21:2008 en
Rotacijski električni strojevi – 18. dio: Funkcionalna procjena izolacijskih sustava – 21. odjeljak: Ispitni postupci za namote s okruglom žicom – Termička procjena i klasifikacija
(IEC 60034-18-21:1992+am1:1994+am2:1996; EN 60034-18-21:1994+A1:1996+A2:1996)
Rotating electrical machines – Part 18: Functional evaluation of insulation systems – Section 21: Test procedures for wire-wound windings – Thermal evaluation and classification
(IEC 60034-18-21:1992+am1:1994+am2:1996; EN 60034-18-21:1994+A1:1996+A2:1996)
- zamijenjena s: HRN EN 60034-18-21:2013

HRS CLC/TS 60034-18-34:2008 en
Rotacijski električni strojevi – Dio 18-34: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Procjena termomehaničke izdržljivosti izolacijskih sustava
(IEC/TS 60034-18-34:2000; CLC/TS 60034-18-34:2004)
Rotating electrical machines – Part 18-34: Functional evaluation of insulation systems – Test procedures for form-wound windings – Evaluation of thermomechanical endurance of insulation systems (IEC/TS 60034-18-34:2000; CLC/TS 60034-18-34:2004)
- zamijenjena s: HRN EN 60034-18-34:2012

HRN EN 60034-28:2008 en
Rotacijski električni strojevi – 28. dio: Ispitne metode za određivanje veličina ekvivalentnih kružnih dijagrama za trofazne niskonaponske kavezne motore (IEC 60034-28:2007; EN 60034-28:2007)
Rotating electrical machines – Part 28: Test methods for determining quantities of equivalent circuit diagrams for three-phase low-voltage cage induction motors (IEC 60034-28:2007; EN 60034-28:2007)
- zamijenjena s: HRN EN 60034-28:2014

HZN/TO E9, *Električna oprema za željeznicu*

HRS CLC/TS 45545-5:2011 en
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 5. dio: Požarni sigurnosni zahtjevi za električnu opremu uključujući i onu na trolejbusima, kolosječno vođenim autobusima i vozilima s magnetskom levitacijom (CLC/TS 45545-5:2009)
Railway applications – Fire protection on railway vehicles – Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles (CLC/TS 45545-5:2009)
- zamijenjena s: HRN EN 45545-5:2013

HRN EN 50123-5:2007 en
Željeznički sustav – Stabilna postrojenja – Istosmjerna rasklopna postrojenja – 5. dio: Odvodnici prenapona i niskonaponski ograničivači za posebne namjene u istosmjernim sustavima
(EN 50123-5:2003)
Railway applications – Fixed installations – D.C. switchgear – Part 5: Surge arresters and low-voltage limiters for specific use in d.c. systems (EN 50123-5:2003)
- zamijenjena s: HRN EN 50526-1:2013

HRN EN 50149:2001 en
Željeznički sustav – Stabilna postrojenja – Električna vuča – Užljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001)
- zamijenjena s: HRN EN 50149:2013

HRN EN 50149:2001/Ispr.1:2014 en
Željeznički sustav – Stabilna postrojenja – Električna vuča – Užljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2002)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2002)
- bez zamjene

HRN EN 50149:2001/Ispr.2:2014 en
Željeznički sustav – Stabilna postrojenja – Električna vuča – Užljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2005)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2005)
- bez zamjene

HRN EN 50149:2001/Ispr.3:2014 en
Željeznički sustav – Stabilna postrojenja – Električna vuča – Užljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2010)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2010)
- bez zamjene

HRN EN 50149:2001/Ispr.4:2014 en
Željeznički sustav – Stabilna postrojenja – Električna vuča – Užljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2011)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2011)
- bez zamjene

HRN EN 50152-1:2008 en
Željeznički sustav – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – 1. dio: Jednofazni prekidači za Un iznad 1000V (EN 50152-1:2007)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – Part 1: Single-phase circuit-breakers with Un above 1 kV (EN 50152-1:2007)
- zamijenjena s: HRN EN 50152-1:2013

HRN EN 50152-2:2008 en
Željeznički sustav – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – 2. dio: Jednofazni rastavljači, uzemljivači i prekidači za Un iznad 1000V (EN 50152-2:2007)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – Part 2: Single-phase disconnectors, earthing switches and switches with Un above 1 kV (EN 50152-2:2007)
- zamijenjena s: HRN EN 50152-2:2013

HRN EN 50317:2007 en
Željeznički sustav – Sustavi oduzimača struje – Zahtjevi za mjerenja i vrednovanje mjerenja dinamičkih međusobnih djelovanja pantografa i kontaktnog voda (EN 50317:2002)
Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line (EN 50317:2002)
- zamijenjena s: HRN EN 50317:2013

HRN EN 50317:2007/A1:2008 en
Željeznički sustav – Sustavi oduzimača struje – Zahtjevi za mjerenja i vrednovanje mjerenja dinamičkih međusobnih djelovanja pantografa i kontaktnog voda (EN 50317:2002/A1:2004)
Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line (EN 50317:2002/A1:2004)
- zamijenjena s: HRN EN 50317:2013

HRN EN 50317:2007/A2:2008 en
Željeznički sustav – Sustavi oduzimača struje – Zahtjevi za mjerenja i vrednovanje mjerenja dinamičkih međusobnih djelovanja pantografa i kontaktnog voda (EN 50317:2002/A2:2007)
Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line (EN 50317:2002/A2:2007)
- zamijenjena s: HRN EN 50317:2013

HRN EN 50317:2007/A2:2008/Ispr.1:2014 en
Željeznički sustav – Sustavi oduzimača struje – Zahtjevi za mjerenja i vrednovanje mjerenja dinamičkih međusobnih djelovanja pantografa i kontaktnog voda (EN 50317:2002/A2:2007/AC:2010)
Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line
(EN 50317:2002/A2:2007/AC:2010)
- bez zamjene

HRN EN 50367:2008 en
Željeznički sustav – Sustavi oduzimača struje – Tehnički uvjeti za međusobno djelovanje pantografa i kontaktnog voda (omogućavanje slobodnog pristupa) (EN 50367:2006)
Railway applications – Current collection systems – Technical criteria for the interaction between pantograph and overhead line (to achieve free access) (EN 50367:2006)
- zamijenjena s: HRN EN 50367:2013

HRN EN 50367:2008/Ispr.2:2014 en
Željeznički sustav – Sustavi oduzimača struje – Tehnički uvjeti za međusobno djelovanje pantografa i kontaktnog voda (omogućavanje slobodnog pristupa) (EN 50367:2006/AC:2010)
Railway applications – Current collection systems – Technical criteria for the interaction between pantograph and overhead line (to achieve free access) (EN 50367:2006/AC:2010)
- bez zamjene

HRN EN 50388:2007 en
Željeznički sustav – Opskrba električnom energijom i željeznička vozila – Tehnički kriteriji za koordinaciju između napajanja (podstanica) i željezničkih vozila radi postizanja interoperabilnosti
(EN 50388:2005)
Railway applications – Power supply and rolling stock – Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability (EN 50388:2005)
- zamijenjena s: HRN EN 50388:2013

HRN EN 50388:2007/Ispr.1:2014 en
Željeznički sustav – Opskrba električnom energijom i željeznička vozila – Tehnički kriteriji za koordinaciju između napajanja (podstanica) i željezničkih vozila radi postizanja interoperabilnosti
(EN 50388:2005/AC:2010)
Railway applications – Power supply and rolling stock – Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability (EN 50388:2005/AC:2010)
- zamijenjena s: HRN EN 50388:2013

HRS CLC/TS 50467:2008 en
Željeznički sustav – Željeznička vozila – Električni konektori, zahtjevi i načini ispitivanja
(CLC/TS 50467:2008)
Railway applications – Rolling stock – Electrical connectors, requirements and test methods
(CLC/TS 50467:2008)
- zamijenjena s: HRN EN 50467:2013

HRS CLC/TS 50467:2008/Ispr.1:2014 en
Željeznički sustav – Željeznička vozila – Električni konektori, zahtjevi i načini ispitivanja
(CLC/TS 50467:2008/AC:2008)
Railway applications – Rolling stock – Electrical connectors; requirements and test methods
(CLC/TS 50467:2008/AC:2008)
- zamijenjena s: HRN EN 50467:2013

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

HRN EN 60422:2007 en
Mineralna izolacijska ulja u električnoj opremi – Upute za nadzor i održavanje (IEC 60422:2005; EN 60422:2006)
Mineral insulating oils in electrical equipment – Supervision and maintenance guidance (IEC 60422:2005; EN 60422:2006)
- zamijenjena s: HRN EN 60422:2013

HZN/TO E14, *Energetski transformatori*

HRN EN 61378-1:2008 en
Pretvarački transformatori – 1. dio: Transformatori za primjene u industriji (IEC 61378-1:1997; EN 61378-1:1998)
Convertor transformers – Part 1: Transformers for industrial applications (IEC 61378-1:1997; EN 61378-1:1998)
- zamijenjena s: HRN EN 61378-1:2013

HZN/TO E15, *Čvrsti elektrotehnički izolacijski materijali*

HRN EN 60626-1:2005 en
Kombinirani savitljivi materijali za električne izolacije – 1. dio: Definicije i opći zahtjevi (IEC 60626-1:1995+am1:1996; EN 60626-1:1995+A1:1996)
Combined flexible materials for electrical insulation – Part 1: Definitions and general requirements (IEC 60626-1:1995+am1:1996; EN 60626-1:1995+A1:1996)
- zamijenjena s: HRN EN 60626-1:2014

HRN EN 60684-2:2008 en
Savitljive izolacijske navlake – 2. dio: Metode ispitivanja (IEC 60684-2:1997+am1:2003+am2:2005; EN 60684-2:1997+A1:2003+A2:2005)
Flexible insulating sleeving – Part 2: Methods of test (IEC 60684-2:1997+am1:2003+am2:2005; EN 60684-2:1997+A1:2003+A2:2005)
- zamijenjena s: HRN EN 60684-2:2014

HRN EN 60684-3-271:2005 en
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 271 list: Toplinski skupljajuće elastomerne navlake s usporenim gorenjem, otporne na fluide, omjer skupljanja 2:1 (IEC 60684-3-271:2004; EN 60684-3-271:2004)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 271: Heat-shrinkable elastomer sleeving, flame retarded, fluid resistant, shrink ratio 2:1 (IEC 60684-3-271:2004; EN 60684-3-271:2004)
- zamijenjena s: HRN EN 60684-3-271:2014

HRN EN 60819-1:2005 en
Necelulozni papiri za elektrotehničke svrhe – 1. dio: Definicije i opći zahtjevi (IEC 60819-1:1995+am1:1996; EN 60819-1:1995+A1:1996)
Non-cellulosic papers for electrical purposes – Part 1: Definitions and general requirements (IEC 60819-1:1995+am1:1996; EN 60819-1:1995+A1:1996)
- zamijenjena s: HRN EN 60819-1:2014

HRN EN 60819-3-3:2008 en
Necelulozni papiri za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 3. list: Aramidni (aromatski poliamid) papiri bez punila (IEC 60819-3-3:2006; EN 60819-3-3:2006)
Non-cellulosic papers for electrical purposes – Part 3: Specifications for individual materials – Sheet 3: Unfilled aramid (aromatic polyamide) papers (IEC 60819-3-3:2006; EN 60819-3-3:2006)
- zamijenjena s: HRN EN 60819-3-3:2013

HRN EN 60893-3-1:2005 en
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-1: Specifikacije za pojedinačne materijale – Tipovi industrijski izrađenih krutih laminiranih listova (IEC 60893-3-1:2003; EN 60893-3-1:2004)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-1: Specifications for individual materials – Requirements for types of industrial rigid laminated sheets (IEC 60893-3-1:2003; EN 60893-3-1:2004)
- zamijenjena s: HRN EN 60893-3-1:2013

HZN/TO E17, *Sklopni i upravljački uređaji*

HRN EN 60947-4-2:2005 en
Niskonaponska sklopna aparatura – Dio 4-2: Sklopnici i motorski pokretači – Poluvodički motorski kontroleri i pokretači za izmjeničnu struju (IEC 60947-4-2:1999; EN 60947-4-2:2000)
Low voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters (IEC 60947-4-2:1999; EN 60947-4-2:2000)
- zamijenjena s: HRN EN 60947-4-2:2013

HRN EN 60947-4-2:2005/A1:2005 en
Niskonaponska sklopna aparatura – Dio 4-2: Sklopnici i motorski pokretači – Poluvodički motorski kontroleri i pokretači za izmjeničnu struju (IEC 60947-4-2:1999/am1:2001;
EN 60947-4-2:2000/A1:2002)
Low voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters (IEC 60947-4-2:1999/am1:2001;
EN 60947-4-2:2000/A1:2002)
- zamijenjena s: HRN EN 60947-4-2:2013

HRN EN 60947-4-2:2005/A2:2008 en
Niskonaponska sklopna aparatura – Dio 4-2: Sklopnici i motorski pokretači – Poluvodički motorski kontroleri i pokretači za izmjeničnu struju (IEC 60947-4-2:1999/am2:2006;
EN 60947-4-2:2000/A2:2006)
Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters (IEC 60947-4-2:1999/am2:2006;
EN 60947-4-2:2000/A2:2006)
- zamijenjena s: HRN EN 60947-4-2:2013

HRN EN 61439-1:2010 en
Niskonaponski sklopni blokovi – 1. dio: Opća pravila (IEC 61439-1:2009, MOD; EN 61439-1:2009)
Low-voltage switchgear and controlgear assemblies – Part 1: General rules (IEC 61439-1:2009, MOD; EN 61439-1:2009)
- zamijenjena s: HRN EN 61439-1:2012

HRN EN 61439-1:2010/Ispr.1:2013 en
Niskonaponski sklopni blokovi – 1. dio: Opća pravila (EN 61439-1:2009/AC:2013)
Low-voltage switchgear and controlgear assemblies – Part 1: General rules
(EN 61439-1:2009/AC:2013)
- zamijenjena s: HRN EN 61439-1:2012

HRN EN 62208:2005 en
Prazna kućišta za niskonaponske sklopne blokove – Opći zahtjevi (IEC 62208:2002; EN 62208:2003)
Empty enclosures for low-voltage switchgear and controlgear assemblies – General requirements
(IEC 62208:2002; EN 62208:2003)
- zamijenjena s: HRN EN 62208:2012

HRN EN 62271-200:2005 en
Visokonaponska sklopna aparatura – 200. dio: Sklopna aparatura izmjenične struje s metalnim plaštem za nazivne napone iznad 1 kV do uključujući 52 kV (IEC 62271-200:2003; EN 62271-200:2004)
High-voltage switchgear and controlgear – Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to including 52 kV (IEC 62271-200:2003; EN 62271-200:2004)
- zamijenjena s: HRN EN 62271-200:2012

HRN EN 62271-203:2005 en
Visokonaponska sklopna aparatura – 203. dio: Plinom izolirana metalom oklopljena razvodna aparatura za nazivne napone iznad 52 kV (IEC 62271-203:2003; EN 62271-203:2004)
High-voltage switchgear and controlgear – Part 200: Gas insulated metal-enclosed switchgear for rated voltages above 52 kV (IEC 62271-203:2003; EN 62271-203:2004)
- zamijenjena s: HRN EN 62271-203:2013

HRN EN 62271-207:2008 en
Visokonaponska sklopna aparatura – 207. dio: Seizmička prikladnost za plinom izolirane sklopne blokove za nazivne napone iznad 52 kV (IEC 62271-207:2007; EN 62271-207:2007)
High-voltage switchgear and controlgear – Part 207: Seismic qualification for gas-insulated switchgear assemblies for rated voltages above 52 kV (IEC 62271-207:2007; EN 62271-207:2007)
- zamijenjena s: HRN EN 62271-207:2013

HZN/TO E23, *Električni instalacijski pribor*

HRN EN 50425:2008 en
Sklopke za kućanstvo i slične fiksne električne instalacije – Pobočna norma – Vatrogasne sklopke za vanjsku i unutarnju signalizaciju i osvjetljenje (EN 50425:2008)
Switches for household and similar fixed electrical installations – Collateral standard – Fireman's switches for exterior and interior signs and luminaires (EN 50425:2008)
- zamijenjena s: HRN EN 60669-2-6:2012

HRN EN 62196-1:2007 en
Utikači, utičnice, kabelski utični pribor za vozila i utikači za vozila – Kontaktno punjenje električnih vozila – 1. dio: Punjenje električnih vozila do 250 A izmjenično i 400 A istosmjerno (IEC 62196-1:2003; EN 62196-1:2003)
Plugs, socket-outlets, vehicle couplers and vehicle inlets – Conductive charging of electric vehicles – Part 1: Charging of electric vehicles up to 250 A a.c. and 400 A d.c. (IEC 62196-1:2003; EN 62196-1:2003)
- zamijenjena s: HRN EN 62196-1:2012

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

HRN EN 60432-3:2008 en
Žarulje sa žarnom niti – Sigurnosni zahtjevi – 3. dio: Halogene volframove žarulje (osim žarulja za vozila) (IEC 60432-3:2002+am1:2005+am2:2008; EN 60432-3:2003+A1:2005+A2:2008)
Incandescent lamps – Safety specifications – Part 3: Tungsten-halogen lamps (non-vehicle) (IEC 60432-3:2002+am1:2005+am2:2008; EN 60432-3:2003+A1:2005+A2:2008)
- zamijenjena s: HRN EN 60432-3:2013

HRN EN 60598-2-11:2008 en
Svjetiljke – Dio 2-11: Posebni zahtjevi – Svjetiljke za akvarije (IEC 60598-2-11:2005; EN 60598-2-11:2005)
Luminaires – Part 2-11: Particular requirements – Aquarium luminaires (IEC 60598-2-11:2005; EN 60598-2-11:2005)
- zamijenjena s: HRN EN 60598-2-11:2013

HRN EN 60598-2-11:2008/Ispr.1:2012 en
Svjetiljke – Dio 2-11: Posebni zahtjevi – Svjetiljke za akvarije (EN 60598-2-11:2005/AC:2005)
Luminaires – Part 2-11: Particular requirements – Aquarium luminaires
(EN 60598-2-11:2005/AC:2005)
- zamijenjena s: HRN EN 60598-2-11:2013

HRN EN 60598-2-12:2008 en
Svjetiljke – Dio 2-12: Posebni zahtjevi – Noćna svjetla koja se postavljaju na utičnicu
(IEC 60598-2-12:2006; EN 60598-2-12:2006)
Luminaires – Part 2-12: Particular requirements – Mains socket-outlet mounted nightlights
(IEC 60598-2-12:2006; EN 60598-2-12:2006)
- zamijenjena s: HRN EN 60598-2-12:2013

HRN EN 60598-2-12:2008/Ispr.1:2012 en
Svjetiljke – Dio 2-12: Posebni zahtjevi – Noćna svjetla koja se postavljaju na utičnicu
(EN 60598-2-12:2006/AC:2006)
Luminaires – Part 2-12: Particular requirements – Mains socket-outlet mounted nightlights
(EN 60598-2-12:2006/AC:2006)
- zamijenjena s: HRN EN 60598-2-12:2013

HRN EN 60598-2-8:2008 en
Svjetiljke – Dio 2-8: Posebni zahtjevi – Ručne svjetiljke
(IEC 60598-2-8:1996, MOD+am1:2000+am2:2007; EN 60598-2-8:1997+A1:2000+A2:2008)
Luminaires – Part 2-8: Particular requirements – Handlamps
(IEC 60598-2-8:1996, MOD+am1:2000+am2:2007; EN 60598-2-8:1997+A1:2000+A2:2008)
- zamijenjena s: HRN EN 60598-2-8:2013

HRN EN 60662:2008 en
Visokotlačne natrijeve žarulje (IEC
60662:1980+am2:1987+am3:1990+am4:1992+am5:1993+am6:1994+am7:1995+am9:1997+am10:19
97; EN 60662:1993+A4:1994+A5:1994+A6:1994+A7:1995+A9:1997+A10:1997)
High-pressure sodium vapour lamps (IEC
60662:1980+am2:1987+am3:1990+am4:1992+am5:1993+am6:1994+am7:1995+am9:1997+am10:19
97; EN 60662:1993+A4:1994+A5:1994+A6:1994+A7:1995+A9:1997+A10:1997)
- zamijenjena s: HRN EN 60662:2012

HRN EN 60968:2008 en
Žarulje za opću rasvjetu s vlastitom predspojnom spravom – Sigurnosni zahtjevi
(IEC 60968:1988, MOD+am1:1991+am2:1999; EN 60968:1990+A1:1993+A2:1999)
Self-ballasted lamps for general lighting services – Safety requirements
(IEC 60968:1988, MOD+am1:1991+am2:1999; EN 60968:1990+A1:1993+A2:1999)
- zamijenjena s: HRN EN 60968:2013

HRN EN 62034:2008 en
Automatski ispitni sustavi za rasvjetu u slučaju opasnosti koja se napaja baterijama (IEC 62034:2006; EN 62034:2006)
Automatic test systems for battery powered emergency escape lighting (IEC 62034:2006;
EN 62034:2006)
- zamijenjena s: HRN EN 62034:2013

HZN/TO E37, *Odvodnici prenapona*

HRN EN 60099-5:2008 en
Odvodnici prenapona – 5. dio: Preporuke za odabir i primjenu (IEC 60099-5:1996, MOD+am1:1999; EN 60099-5:1996+A1:1999)
Surge arresters – Part 5: Selection and application recommendations
(IEC 60099-5:1996, MOD+am1:1999; EN 60099-5:1996+A1:1999)
- zamijenjena s: HRN EN 60099-5:2014

HRN EN 61643-11:2008 en
Prenaponske zaštitne naprave za niski napon – 11. dio: Prenaponske zaštitne naprave spojene na niskonaponske energetske sustave – Zahtjevi i ispitivanja
(IEC 61643-1:1998, MOD+Corr.:1998, MOD; EN 61643-11:2002+A11:2007)
Low-voltage surge protective devices – Part 11: Surge protective devices connected to low-voltage power systems – Requirements and tests (IEC 61643-1:1998, MOD+Corr.:1998, MOD; EN 61643-11:2002+A11:2007)
- zamijenjena s: HRN EN 61643-11:2013

HRN EN 61643-311:2008 en
Sastavnice prenaponskih zaštitnih naprava za niski napon – 311. dio: Specifikacija za cijevi s izbojem u plinu (GDT) (IEC 61643-311:2001; EN 61643-311:2001)
Components for low-voltage surge protective devices – Part 311: Specification for gas discharge tubes (GDT) (IEC 61643-311:2001; EN 61643-311:2001)
- zamijenjena s: HRN EN 61643-311:2014, HRN EN 61643-312:2014

HZN/TO E44, *Elektrotehnička sigurnost strojeva*

HRN EN 60204-31:1999 en
Električna oprema industrijskih strojeva – 31. dio: Posebni zahtjevi za šivaće strojeve, pojedinačne i sustave (IEC 60204-31:1996; EN 60204-31:1998)
Electrical equipment of industrial machines – Part 31: Particular requirements for sewing machines, units and systems (IEC 60204-31:1996; EN 60204-31:1998)
- zamijenjena s: HRN EN 60204-31:2014

HRN EN 60204-31:1999/Ispr.1:2013 en
Električna oprema industrijskih strojeva – 31. dio: Posebni zahtjevi za šivaće strojeve, pojedinačne i sustave (EN 60204-31:1998/AC:2000)
Electrical equipment of industrial machines – Part 31: Particular requirements for sewing machines, units and systems (EN 60204-31:1998/AC:2000)
- bez zamjene

HRN EN 60204-32:2002 en
Sigurnost strojeva – Električna oprema strojeva – 32. dio: Zahtjevi za dizalice (IEC 60204-32:1998; EN 60204-32:1998)
Safety of machinery – Electrical equipment of machines – Part 32: Requirements for hoisting machines (IEC 60204-32:1998; EN 60204-32:1998)
- zamijenjena s: HRN EN 60204-32:2009

HRN EN 61496-1:2008 en
Sigurnost strojeva – Elektroosjetilna zaštitna oprema – 1. dio: Opći zahtjevi i ispitivanja
(IEC 61496-1:2004, MOD+am1:2007+Corr.:2008; EN 61496-1:2004+A1:2008)
Safety of machinery – Electro-sensitive protective equipment – Part 1: General requirements and tests (IEC 61496-1:2004, MOD+am1:2007+Corr.:2008; EN 61496-1:2004+A1:2008)
- zamijenjena s: HRN EN 61496-1:2014

HRN EN 61496-1:2008/Ispr.1:2011 en
Sigurnost strojeva – Elektroosjetilna zaštitna oprema – 1. dio: Opći zahtjevi i ispitivanja
(EN 61496-1:2004/AC:2010)
Safety of machinery – Electro-sensitive protective equipment – Part 1: General requirements and tests (EN 61496-1:2004/AC:2010)
- bez zamjene

HZN/TO E57, *Upravljanje energetskim sustavom i pridružene komunikacije*

HRN EN 60495:2008 en
Uređaji za komunikaciju putem distribucijskih vodova korištenjem modulacije s jednim bočnim pojasom (IEC 60495:1993; EN 60495:1994)
Single sideband power-line carrier terminals (IEC 60495:1993; EN 60495:1994)
- zamijenjena s: HRN EN 62488-1:2014

HRN EN 61850-4:2008 en
Komunikacijske mreže i sustavi u transformatorskim stanicama – 4. dio: Upravljanje sustavom i projektima (IEC 61850-4:2002; EN 61850-4:2002)
Communication networks and systems in substations – Part 4: System and project management (IEC 61850-4:2002; EN 61850-4:2002)
- zamijenjena s: HRN EN 61850-4:2014

HRN EN 61850-5:2008 en
Komunikacijske mreže i sustavi u transformatorskim stanicama – 5. dio: Komunikacijski zahtjevi na modele funkcija i uređaja (IEC 61850-5:2003; EN 61850-5:2003)
Communication networks and systems in substations – Part 5: Communication requirements for functions and device models (IEC 61850-5:2003; EN 61850-5:2003)
- zamijenjena s: HRN EN 61850-5:2014

HRN EN 61850-7-1:2008 en
Komunikacijske mreže i sustavi u transformatorskim stanicama – Dio 7-1: Osnovna komunikacijska struktura opreme transformatorske stanice i polja – Principi i modeli (IEC 61850-7-1:2003; EN 61850-7-1:2003)
Communication networks and systems in substations – Part 7-1: Basic communication structure for substation and feeder equipment – Principles and models (IEC 61850-7-1:2003; EN 61850-7-1:2003)
- zamijenjena s: HRN EN 61850-7-1:2014

HRN EN 61850-9-2:2008 en
Komunikacijske mreže i sustavi u transformatorskim stanicama – Dio 9-2: Specifična komunikacijska usluga preslikavanja (SCSM) – Uzorkovanje putem ISO/IEC 8802-3 (IEC 61850-9-2:2004; EN 61850-9-2:2004)
Communication networks and systems in substations – Part 9-2: Specific communication service mapping (SCSM) – Sampled values over ISO/IEC 8802-3 (IEC 61850-9-2:2004; EN 61850-9-2:2004)
- zamijenjena s: HRN EN 61850-9-2:2014

HRN EN 61968-1:2008 en
Integracija aplikacija u elektroprivredama – Sučelja za sustave upravljanja u distribuciji – 1. dio: Arhitektura sučelja i opći zahtjevi (IEC 61968-1:2003; EN 61968-1:2004)
Application integration at electric utilities – System interfaces for distribution management – Part 1: Interface architecture and general requirements (IEC 61968-1:2003; EN 61968-1:2004)
- zamijenjena s: HRN EN 61968-1:2014

HZN/TO E59, *Uporabne značajke električnih kućanskih aparata*

HRN EN 60705:2004 en
Kućanske mikrovalne pećnice – Metode mjerenja radnih značajka (IEC 60705:1999; EN 60705:1999)
Household microwave ovens – Methods for measuring performance (IEC 60705:1999; EN 60705:1999)
- zamijenjena s: HRN EN 60705:2014

HRN EN 60705:2004/A1:2008 en
Kućanske mikrovalne pećnice – Ispitne metode za mjerenje radnih značajka (IEC 60705:1999/am1:2004; EN 60705:1999/A1:2004)
Household microwave ovens – Methods for measuring performance (IEC 60705:1999/am1:2004; EN 60705:1999/A1:2004)
- zamijenjena s: HRN EN 60705:2014

HRN EN 60705:2004/A2:2008 en
Kućanske mikrovalne pećnice – Ispitne metode za mjerenje radnih značajka
(IEC 60705:1999/am2:2006; EN 60705:1999/A2:2006)
Household microwave ovens – Methods for measuring performance (IEC 60705:1999/am2:2006; EN 60705:1999/A2:2006)
- zamijenjena s: HRN EN 60705:2014

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

HRN EN 60216-1:2005 en
Električni izolacijski materijali – Svojstva toplinske izdržljivosti – 1. dio: Postupak starenja i ocjenjivanje rezultata ispitivanja (IEC 60216-1:2001; EN 60216-1:2001)
Electrical insulating materials – Properties of thermal endurance – Part 1: Ageing procedures and evaluation of test results (IEC 60216-1:2001; EN 60216-1:2001)
- zamijenjena s: HRN EN 60216-1:2014, HRN EN 60216-8:2014

HRN EN 60243-1:2005 en
Električna čvrstoća izolacijskih materijala – Ispitne metode – 1. dio: Ispitivanja pri energetskim frekvencijama (IEC 60243-1:1998; EN 60243-1:1998)
Electrical strength of insulating materials – Test methods – Part 1: Tests at power frequencies (IEC 60243-1:1998; EN 60243-1:1998)
- zamijenjena s: HRN EN 60243-1:2014

HRN EN 60505:2005 en
Procjena i ocjenjivanje električnih izolacijskih sustava (IEC 60505:2004; EN 60505:2004)
Evaluation and qualification of electrical insulation systems (IEC 60505:2004; EN 60505:2004)
- zamijenjena s: HRN EN 60505:2013

HRN EN 60544-5:2005 en
Električni izolacijski materijali – Određivanje učinaka ionizacijskog zračenja – 5. dio: Postupci za procjenu starenja tijekom rada (IEC 60544-5:2003; EN 60544-5:2003)
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 5: Procedures for assessment of ageing in service (IEC 60544-5:2003; EN 60544-5:2003)
- zamijenjena s: HRN EN 60544-5:2013

HRN IEC/TS 61251:2005 en
Električni izolacijski materijali – Ocjenjivanje izdržljivosti prema djelovanju izmjeničnog napona – Uvod (IEC/TS 61251:1993)
Electrical insulating materials – A.C. voltage endurance evaluation – Introduction (IEC/TS 61251:1993)
- zamijenjena s: HRN EN 61251:2016

HRN IEC/TS 61624:2005 en
Uputa za izradu lista maksimalnih dopuštenih temperatura polimernih mješavina koje se upotrebljavaju u elektrotehničkoj opremi (IEC/TS 61624:1997)
Guidance on the development of lists of maximum allowable temperatures for polymeric compounds used in electrotechnical equipment (IEC/TS 61624:1997)
- bez zamjene

HRN EN 62068-1:2005 en
Električni izolacijski sustavi – Električna naprezanja uzrokovana ponavljajućim impulsima – 1. dio: Opća metoda procjene električne izdržljivosti (IEC 62068-1:2003; EN 62068-1:2003)
Electrical insulation systems – Electrical stresses produced by repetitive impulses – Part 1: General method of evaluation of electrical endurance (IEC 62068-1:2003; EN 62068-1:2003)
- zamijenjena s: HRN EN 62068:2014

HZN/TU M1, *Metalni materijali 1*

HRN EN 24505:2008 en
Tvrdi metali – Metalografsko određivanje šupljikavosti i nevezanoga karbona (ISO 4505:1978; EN 24505:1993)
Hardmetals – Metallographic determination of porosity and uncombined carbon (ISO 4505:1978; EN 24505:1993)
- zamijenjena s: HRN EN ISO 4499-4:2016

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

HRN EN ISO 15606:2004 en
Stomatološki nastavci – Strugači pokretani zrakom i radni vršci strugača (ISO 15606:1999; EN ISO 15606:1999)
Dental handpieces – Air-powered scalers and scaler tips (ISO 15606:1999; EN ISO 15606:1999)
- zamijenjena s: HRN EN ISO 18397:2016

HRN EN ISO 15912:2008 en
Stomatologija – Mase za ulaganje i vatrostalni materijali za odljeve (ISO 15912:2006; EN ISO 15912:2006)
Dentistry – Casting investments and refractory die materials (ISO 15912:2006; EN ISO 15912:2006)
- zamijenjena s: HRN EN ISO 15912:2016

HRN EN ISO 15912:2008/A1:2011 en
Stomatologija – Mase za ulaganje i vatrostalni materijali za odljeve – Amandman 1: Zahtjev i metoda ispitivanja prikladnosti ekspanzije materijala tipa 1 i tipa 2 (ISO 15912:2006/Amd 1:2011; EN ISO 15912:2006/A1:2011)
Dentistry – Casting investments and refractory die materials – Amendment 1: Requirement and test method for adequacy of expansion of Type 1 and Type 2 materials (ISO 15912:2006/Amd 1:2011; EN ISO 15912:2006/A1:2011)
- zamijenjena s: HRN EN ISO 15912:2016

HRN EN ISO 22374:2008 en
Stomatologija – Stomatološki nastavci – Električni strugači i radni vršci strugača (ISO 22374:2005; EN ISO 22374:2005)
Dentistry – Dental handpieces – Electrical-powered scalers and scaler tips (ISO 22374:2005; EN ISO 22374:2005)
- zamijenjena s: HRN EN ISO 18397:2016

HRN EN ISO 22674:2008 en
Stomatologija – Metalni materijali za fiksne i mobilne restoracije i naprave (ISO 22674:2006; EN ISO 22674:2006)
Dentistry – Metallic materials for fixed and removable restorations and appliances (ISO 22674:2006; EN ISO 22674:2006)
- zamijenjena s: HRN EN ISO 22674:2016

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

HRN EN 4072:2011 en
Nizovi o zrakoplovstvu – Vijci, sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka uske tolerancije, kratkog navoja, od legure titana, prevučeni IVD aluminijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 425 °C (EN 4072:2009)
Aerospace series – Screws, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated – Classification: 1100 MPa (at ambient temperature) / 425 °C (EN 4072:2009)
- zamijenjena s: HRN EN 4072:2016

HRN EN 4073:2011 en
Nizovi o zrakoplovstvu – Vijci, s ravnom glavom, imbus vijak sa šesterokutnom glavom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija 1 100 MPa (pri temperaturi okoline) / 235 °C (EN 4073:2009)
Aerospace series – Screws, pan head, six lobe recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification 1 100 MPa (at ambient temperature) / 235 °C (EN 4073:2009)
- zamijenjena s: HRN EN 4073:2016

HRN EN 4128:2011 en
Nizovi o zrakoplovstvu – Vijci, normalna dvanaesterokutna glava, normalnog struka grube tolerancije, kratkog navoja, legura na bazi nikla otporna na toplinu, prevučeni IVD aluminijem – Klasifikacija: 1250 MPa (pri temperaturi okoline) / 425 °C (EN 4128:2009)
Aerospace series – Bolts, normal hexagonal head, coarse tolerance normal shank, short thread, in heat resisting nickel base alloy, aluminium IVD coated – Classification: 1250 MPa (at ambient temperature) / 425 °C (EN 4128:2009)
- zamijenjena s: HRN EN 4128:2016

HRN EN 4138:2011 en
Nizovi o zrakoplovstvu – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4138:2009)
Aerospace series – Screws, pan head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification : 1100 MPa (at ambient temperature) / 235 °C (EN 4138:2009)
- zamijenjena s: HRN EN 4138:2016

HRN EN 4162:2011 en
Nizovi o zrakoplovstvu – Vijci sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4162:2009)
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – 1100 MPa (at ambient temperature) / 235 °C (EN 4162:2009)
- zamijenjena s: HRN EN 4162:2016

HRN EN 4163:2011 en
Nizovi o zrakoplovstvu – Vijci sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, dugog navoja, od legure čelika, prevučeni kadmijem – 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4163:2009)
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated – 1100 MPa (at ambient temperature) / 235 °C (EN 4163:2009)
- zamijenjena s: HRN EN 4163:2016

HRN EN 4165-003:2008 en
Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 003. dio: Moduli serije 2 i serije 3 – Norma za proizvod (EN 4165-003:2008)
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 003: Modules series 2 and series 3 – Product standard (EN 4165-003:2008)
- zamijenjena s: HRN EN 4165-003:2016

HZN/TU V1, *Elektronika 1*

HRN HD 349 S1:2008 en
Preferred diameters of wire terminations of capacitors and resistors (IEC 60301:1971+am1:1972; HD 349 S1:1977)
- zamijenjena s: HRN EN 60301:2014

HRN HD 493.1 S1:2008 en
Dimenzije mehaničkih struktura niza 482,6 mm (19 in) – 1. dio: Ploče i okviri (IEC 60297-1:1986; HD 493.1 S1:1988)
Dimensions of mechanical structures of the 482,6 mm (19 in) series – Part 1: Panels and racks (IEC 60297-1:1986; HD 493.1 S1:1988)
- zamijenjena s: HRN EN 60297-3-100:2009

HRN HD 493.2 S1:2008 en
Dimensions of mechanical structures of the 482,6 mm (19 in) series – Part 2: Cabinets and pitches of rack structures (IEC 60297-2:1982; HD 493.2 S1:1988)
- zamijenjena s: HRN EN 60297-3-100:2009

HRN EN 50288-1:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – 1. dio: Generička specifikacija (EN 50288-1:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 1: Generic specification (EN 50288-1:2003)
- zamijenjena s: HRN EN 50288-1:2013

HRN EN 50288-2-1:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 2-1: Specifikacija za oklopljene kabele za primjenu do 100 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-2-1:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 2-1: Sectional specification for screened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-2-1:2003)
- zamijenjena s: HRN EN 50288-2-1:2013

HRN EN 50288-2-2:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 2-2: Specifikacija za oklopljene kabele za primjenu do 100 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-2-2:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 2-2: Sectional specification for screened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-2-2:2003)
- zamijenjena s: HRN EN 50288-2-2:2013

HRN EN 50288-3-1:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 3-1: Specifikacija za neoklopljene kabele za primjenu do 100 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-3-1:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 3-1: Sectional specification for unscreened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-3-1:2003)
- zamijenjena s: HRN EN 50288-3-1:2013

HRN EN 50288-3-2:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 3-2: Specifikacija za neoklopljene kabele za primjenu do 100 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-3-2:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 3-2: Sectional specification for unscreened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-3-2:2003)
- zamijenjena s: HRN EN 50288-3-2:2013

HRN EN 50288-4-1:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 4-1: Specifikacija za oklopljene kabele za primjenu do 600 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-4-1:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 4-1: Sectional specification for screened cables characterised up to 600 MHz – Horizontal and building backbone cables (EN 50288-4-1:2003)
- zamijenjena s: HRN EN 50288-4-1:2013

HRN EN 50288-5-1:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 5-1: Specifikacija za oklopljene kabele za primjenu do 250 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-5-1:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 5-1: Sectional specification for screened cables characterized up to 250 MHz – Horizontal and building backbone cables (EN 50288-5-1:2003)
- zamijenjena s: HRN EN 50288-5-1:2013

HRN EN 50288-5-2:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 5-2: Specifikacija za oklopljene kabele za primjenu do 250 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-5-2:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 5-2: Sectional specification for screened cables characterized up to 250 MHz – Work area and patch cord cables (EN 50288-5-2:2003)
- zamijenjena s: HRN EN 50288-5-2:2013

HRN EN 50288-6-1:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 6-1: Specifikacija za neoklopljene kabele za primjenu do 250 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-6-1:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 6-1: Sectional specification for unscreened cables characterised up to 250 MHz – Horizontal and building backbone cables (EN 50288-6-1:2003)
- zamijenjena s: HRN EN 50288-6-1:2013

HRN EN 50288-6-2:2008 en
Višežilni metalni kabeli za uporabu u analognim i digitalnim komunikacijama i upravljanju – Dio 6-2: Specifikacija za neoklopljene kabele za primjenu do 250 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-6-2:2003)
Multi-element metallic cables used in analogue and digital communication and control – Part 6-2: Sectional specification for unscreened cables characterised up to 250 MHz – Work area and patch cord cables (EN 50288-6-2:2003)
- zamijenjena s: HRN EN 50288-6-2:2013

HRN EN 60068-2-21:2008 en
Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices (IEC 60068-2-21:1999; EN 60068-2-21:1999)
- zamijenjena s: HRN EN 60068-2-21:2009

HRN EN 60068-2-69:2008 en
Environmental testing – Part 2: Tests – Test Te: Solderability testing of electronic components for surface mount technology by the wetting balance method (IEC 60068-2-69:1995;
EN 60068-2-69:1996)
- zamijenjena s: HRN EN 60068-2-69:2009

HRN EN 60679-3:2008 en
Quartz crystal controlled oscillators of assessed quality – Part 3: Standard outlines and lead connections (IEC 60679-3:2001; EN 60679-3:2001)
- zamijenjena s: HRN EN 60679-3:2014

HRN EN 60793-1-42:2009 en
Optical fibres – Part 1-42: Measurement methods and test procedures – Chromatic dispersion (IEC 60793-1-42:2007+Corr.1:2007; EN 60793-1-42:2007)
- zamijenjena s: HRN EN 60793-1-42:2014

HRN EN 60793-2-50:2009 en
Optical fibres – Part 2-50: Product specifications – Sectional specification for class B single-mode fibres (IEC 60793-2-50:2008; EN 60793-2-50:2008)
- zamijenjena s: HRN EN 60793-2-50:2014

HRN EN 60794-2-11:2008 en
Optical fibre cables – Part 2-11: Indoor cables – Detailed specification for simplex and duplex cables for use in premises cabling (IEC 60794-2-11:2005; EN 60794-2-11:2005)
- zamijenjena s: HRN EN 60794-2-11:2014

HRN EN 60794-2-21:2008 en
Optical fibre cables – Part 2-21: Indoor cables – Detailed specification for multi-fibre optical distribution cables for use in premises cabling (IEC 60794-2-21:2005; EN 60794-2-21:2006)
- zamijenjena s: HRN EN 60794-2-21:2014

HRN EN 60794-2-31:2008 en
Optical fibre cables – Part 2-31: Indoor cables – Detailed specification for optical fibre ribbon cables for use in premises cabling (IEC 60794-2-31:2005; EN 60794-2-31:2006)
- zamijenjena s: HRN EN 60794-2-31:2014

HRN EN 60794-3-12:2008 en
Optical fibre cables – Part 3-12: Outdoor cables – Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling (IEC 60794-3-12:2005; EN 60794-3-12:2006)
- zamijenjena s: HRN EN 60794-3-12:2014

HRN EN 60862-2:2008 en
Surface acoustic wave (SAW) filters of assessed quality – Part 2: Guidance on use (IEC 60862-2:2002; EN 60862-2:2002)
- zamijenjena s: HRN EN 60862-2:2014

HRN EN 61010-2-032:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-032: Posebni zahtjevi za ručna strujna kliješta za električna mjerenja i ispitivanja (IEC 61010-2-032:2002; EN 61010-2-032:2002)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-032: Particular requirements for hand-held current clamps for electrical measurement and testing (IEC 61010-2-032:2002; EN 61010-2-032:2002)
- zamijenjena s: HRN EN 61010-2-032:2013

HRN EN 61076-1:2008 en
Connectors with assessed quality, for use in d.c., low frequency analogue and in digital high-speed data applications – Part 1: Generic specification – Capability approval (IEC 61076-1:1995+am1:1996+am2:2001; EN 61076-1:1995+A1:1996+A2:2001)
- zamijenjena s: HRN EN 61076-1:2009

HRN EN 61076-2-001:2008 en
Connectors for electronic equipment – Part 2-001: Circular connectors – Blank detail specification (IEC 61076-2-001:2001; EN 61076-2-001:2001)
- zamijenjena s: HRN EN 61076-2-001:2012

HRN EN 61076-2-101:2008 en
Connectors for electronic equipment – Part 2-101: Circular connectors – Detail specification for circular connectors M8 with screw- or snap-locking, M12 with screw-locking for low voltage applications (IEC 61076-2-101:2003+am1:2006; EN 61076-2-101:2003+A1:2006)
- zamijenjena s: HRN EN 61076-2-101:2009

HRN EN 61076-2-101:2009 en
Connectors for electronic equipment – Product requirements – Part 2-101: Circular connectors – Detail specification for M12 connectors with screw-locking (IEC 61076-2-101:2008; EN 61076-2-101:2008)
- zamijenjena s: HRN EN 61076-2-101:2014

HRN EN 61076-3-110:2008 en
Connectors for electronic equipment – Product requirements – Part 3-110: Rectangular connectors – Detail specification for shielded, free and fixed connectors for data transmission with frequencies up to 1 000 MHz (IEC 61076-3-110:2007; EN 61076-3-110:2008)
- zamijenjena s: HRN EN 61076-3-110:2014

HRN EN 61189-3:2008 en
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 3: Test methods for interconnection structures (printed boards) (IEC 61189-3:1997+am1:1999; EN 61189-3:1997+A1:1999)
- zamijenjena s: HRN EN 61189-3:2009

HRN EN 61190-1-3:2008 en
Attachment materials for electronic assembly – Part 1-3: Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solders for electronic soldering applications (IEC 61190-1-3:2002; EN 61190-1-3:2002)
- zamijenjena s: HRN EN 61190-1-3:2009

HRN EN 61240:2008 en
Piezoelectric devices – Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection – General rules (IEC 61240:1994; EN 61240:1997)
- zamijenjena s: HRN EN 61240:2014

HRN EN 61523-2:2008 en
Delay and power calculation standards – Part 2: Pre-layout delay calculation specification for CMOS ASIC libraries (IEC 61523-2:2002; EN 61523-2:2002)
- bez zamjene

HRN EN 61587-1:2009 en
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 – Part 1: Climatic, mechanical tests and safety aspects for cabinets, racks, subracks and chassis (IEC 61587-1:2007; EN 61587-1:2007)
- zamijenjena s: HRN EN 61587-1:2012

HRN EN 61587-2:2008 en
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 – Part 2: Seismic tests for cabinets and racks (IEC 61587-2:2000; EN 61587-2:2001)
- zamijenjena s: HRN EN 61587-2:2012

HRN EN 61587-3:2008 en
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 – Part 3: Electromagnetic shielding performance tests for cabinets, racks and subracks (IEC 61587-3:2006; EN 61587-3:2006)
- zamijenjena s: HRN EN 61587-3:2014

HRN EN 61691-3-2:2008 en
Behavioural languages – Part 3-2: Mathematical operation in VHDL (IEC 61691-3-2:2001; EN 61691-3-2:2001)
- bez zamjene

HRN EN 61747-4:2008 en
Liquid crystal and solid-state display devices – Part 4: Liquid crystal display modules and cells – Essential ratings and characteristics (IEC 61747-4:1998; EN 61747-4:1998)
- zamijenjena s: HRN EN 61747-4:2014

HRN EN 61747-6:2008 en
Liquid crystal and solid-state display devices – Part 6: Measuring methods for liquid crystal modules – Transmissive type (IEC 61747-6:2004; EN 61747-6:2004)
- zamijenjena s: HRN EN 61747-30-1:2014

HRN EN 61753-031-3:2009 en
Fibre optic interconnecting devices and passive components performance standard – Part 031-3: Non-connectorized single-mode 1xN and 2xN non-wavelength-selective branching devices (NWBD) for Category U – Uncontrolled environment (IEC 61753-031-3:2009; EN 61753-031-3:2009)
- zamijenjena s: HRN EN 61753-031-3:2015

HRN EN 61757-1:2008 en
Fibre optic sensors – Part 1: Generic specification (IEC 61757-1:1998; EN 61757-1:1999)
- zamijenjena s: HRN EN 61757-1:2014

HRN EN 61760-2:2008 en
Surface mounting technology – Part 2: Transportation and storage conditions of surface mounting devices (SMD) – Application guide (IEC 61760-2:1998; EN 61760-2:1998)
- zamijenjena s: HRN EN 61760-2:2009

HRN EN 61837-1:2008 en
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 1: Plastic moulded enclosure outlines (IEC 61837-1:1999; EN 61837-1:1999)
- zamijenjena s: HRN EN 61837-1:2014

HRN EN 61969-1:2008 en
Mechanical structures for electronic equipment – Outdoor enclosures – Part 1: Design guidelines (IEC 61969-1:1999; EN 61969-1:2000)
- zamijenjena s: HRN EN 61969-1:2012

HRN EN 61969-2-1:2008 en
Mechanical structures for electronic equipment – Outdoor enclosures – Part 2-1: Detail specification – Dimensions for cabinets (IEC 61969-2-1:2000; EN 61969-2-1:2000)
- zamijenjena s: HRN EN 61969-2:2012

HRN EN 61969-2:2008 en
Mechanical structures for electronic equipment – Outdoor enclosures – Part 2: Sectional specification – Coordination dimensions for cases and cabinets (IEC 61969-2:2000; EN 61969-2:2000)
- zamijenjena s: HRN EN 61969-2:2012

HRN EN 61969-2-2:2008 en
Mechanical structures for electronic equipment – Outdoor enclosures – Part 2-2: Detail specification – Dimensions for cases (IEC 61969-2-2:2000; EN 61969-2-2:2000)
- zamijenjena s: HRN EN 61969-2:2012

HRN EN 61969-3:2008 en
Mechanical structures for electronic equipment – Outdoor enclosures – Part 3: Sectional specification – Climatic, mechanical tests and safety aspects for cabinets and cases (IEC 61969-3:2001; EN 61969-3:2001)
- zamijenjena s: HRN EN 61969-3:2012

HRN EN 62037:2008 en
RF connectors, connector cable assemblies and cables – Intermodulation level measurement
(IEC 62037:1999; EN 62037:1999)
- bez zamjene

HRN EN 62343-1-3:2008 en
Dynamic modules – Part 1-3: Performance standards – Dynamic gain tilt equalizer with pigtails for use in controlled environments (Category C) (IEC 62343-1-3:2006; EN 62343-1-3:2006)
- zamijenjena s: HRN EN 62343-1-3:2013

HRN EN 140400:2008 en
Sectional specification – Fixed low power surface mount (SMD) resistors (EN 140400:2003)
- bez zamjene

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 60086-2:2008 en
Primarne baterije – 2. dio: Fizikalne i električne specifikacije
(IEC 60086-2:2000+am1:2001+am2:2004; EN 60086-2:2001+A1:2001+A2:2004)
Primary batteries – Part 2: Physical and electrical specifications
(IEC 60086-2:2000+am1:2001+am2:2004; EN 60086-2:2001+A1:2001+A2:2004)
- zamijenjena s: HRN EN 60086-2:2009

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 E500, *Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama*

S obzirom da je CENELEC povukao ispravak EN 55032:2012/AC:2012, HZN je odlučio navedeni ispravak povući iz norme HRN EN 55032:2013 te sada naslov norme glasi:

HRN EN 55032:2013
Elektromagnetska kompatibilnost multimedijske opreme – Zahtjevi na emisiju
(CISPR 32:2012+Corr.1:2012+Corr.2:2012; EN 55032:2012)
Electromagnetic compatibility of multimedia equipment – Emission requirements
(CISPR 32:2012+Corr.1:2012+Corr.2:2012; EN 55032:2012)

HZN/TO 503, *Metalni materijali*

- **umjesto**

HRN EN ISO 3183:2013
Industrija nafte i zemnog plina – Čelične cijevi za **sustave transporta cjevovodom** (ISO 3183:2012; EN ISO 3183:2012)
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems (ISO 3183:2012; EN ISO 3183:2012)

- **treba biti**

HRN EN ISO 3183:2013
Industrija nafte i zemnog plina – Čelične cijevi za **cjevovodne transportne sustave** (ISO 3183:2012; EN ISO 3183:2012)
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems (ISO 3183:2012; EN ISO 3183:2012)

- **umjesto**

HRN EN ISO 21809-1:2012
Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u **transportnim sustavima cjevovoda** – 1. dio: Poliolefinske prevlake (3-slojne PE i 3-slojne PP)
(ISO 21809-1:2011; EN ISO 21809-1:2011)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 1: Polyolefin coatings (3-layer PE and 3-layer PP)
(ISO 21809-1:2011; EN ISO 21809-1:2011)

- **treba biti**

HRN EN ISO 21809-1:2012
Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u **cjevovodnim transportnim sustavima** – 1. dio: Poliolefinske prevlake (3-slojne PE i 3-slojne PP)
(ISO 21809-1:2011; EN ISO 21809-1:2011)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 1: Polyolefin coatings (3-layer PE and 3-layer PP)
(ISO 21809-1:2011; EN ISO 21809-1:2011)

- **umjesto**

HRN EN ISO 21809-2:2015
Industrija nafte i zemnoga plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u **cjevovodnim prijenosnim sustavima** – 2. dio: Jednoslojne staljene epoksidne prevlake
(ISO 21809-2:2014; EN ISO 21809-2:2014)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 2: Single layer fusion-bonded epoxy coatings
(ISO 21809-2:2014; EN ISO 21809-2:2014)

- **treba biti**

HRN EN ISO 21809-2:2015
Industrija nafte i zemnoga plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u **cjevovodnim transportnim sustavima** – 2. dio: Jednoslojne staljene epoksidne prevlake
(ISO 21809-2:2014; EN ISO 21809-2:2014)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 2: Single layer fusion-bonded epoxy coatings
(ISO 21809-2:2014; EN ISO 21809-2:2014)

- **umjesto**

HRN EN ISO 21809-5:2011
Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili **podmorske** cjevovode za upotrebu u **transportnim sustavima cjevovoda** – 5. dio: Vanjske betonske prevlake (ISO 21809-5:2010; EN ISO 21809-5:2010)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 5: External concrete coatings (ISO 21809-5:2010; EN ISO 21809-5:2010)

- **treba biti**

HRN EN ISO 21809-5:2011
Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili **podvodne** cjevovode za upotrebu u **cjevovodnim transportnim sustavima** – 5. dio: Vanjske betonske prevlake (ISO 21809-5:2010; EN ISO 21809-5:2010)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 5: External concrete coatings (ISO 21809-5:2010; EN ISO 21809-5:2010)

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

- **umjesto**

HRN EN 2561:2008
Nizovi o zrakoplovstvu – **Plastikom ojačana ugljična vlakna** – Jednosmjerni laminat – **Ispitivanje čvrstoće pri zatezanju** paralelno sa smjerom vlakana (EN 2561:1995)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Tensile test parallel to the fibre direction (EN 2561:1995)

- **treba biti**

HRN EN 2561:2008
Zrakoplovstvo – **Plastika ojačana ugljičnim vlaknima** – Jednosmjerni laminat – **Vlačno ispitivanje** paralelno sa smjerom vlakana (EN 2561:1995)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Tensile test parallel to the fibre direction (EN 2561:1995)

- **umjesto**

HRN EN 2562:2008
Nizovi o zrakoplovstvu – **Plastikom ojačana ugljična vlakna** – Jednosmjerni laminat – **Ispitivanje savijanja** paralelno sa smjerom vlakana (EN 2562:1997)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Flexural test parallel to the fibre direction (EN 2562:1997)

- **treba biti**

HRN EN 2562:2008
Zrakoplovstvo – **Plastika ojačana ugljičnim vlaknima** – Jednosmjerni laminat – **Savojno ispitivanje** paralelno sa smjerom vlakana (EN 2562:1997)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Flexural test parallel to the fibre direction (EN 2562:1997)

- **umjesto**

HRN EN 2563:2008
Nizovi o zrakoplovstvu – **Plastikom ojačana ugljična vlakna –** Jednosmjerni laminat – Određivanje prividne **međulaminarne jačine na smicanje** (EN 2563:1997)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Determination of the apparent interlaminar shear strength (EN 2563:1997)

- **treba biti**

HRN EN 2563:2008
Zrakoplovstvo – **Plastika ojačana ugljičnim vlaknima –** Jednosmjerni laminat – Određivanje prividne **međuslojne smične čvrstoće** (EN 2563:1997)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Determination of the apparent interlaminar shear strength (EN 2563:1997)

- **umjesto**

HRN EN 2597:2008
Nizovi o zrakoplovstvu – **Plastikom ojačana ugljična vlakna** – Jednosmjerni laminat – **Ispitivanje zatezne čvrstoće** okomito na smjer vlakna (EN 2597:1998)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Tensile test perpendicular to the fibre direction (EN 2597:1998)

- **treba biti**

HRN EN 2597:2008
Zrakoplovstvo – **Plastika ojačana ugljičnim vlaknima** – Jednosmjerni laminat – **Vlačno ispitivanje** okomito na smjer vlakna (EN 2597:1998)
Aerospace series – Carbon fibre reinforced plastics – Unidirectional laminates – Tensile test perpendicular to the fibre direction (EN 2597:1998)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

Te su hrvatske norme ranije objavljene samo s naslovima na engleskome jeziku pa se sada objavljuju njihovi naslovi na hrvatskome jeziku, koji nisu nužno uključeni u norme koje su prethodno objavljene. Obavijest o naslovima na hrvatskome jeziku smatra se službenom informacijom.

HZN/TO T4, *Normizacija u telekomunikacijama*

HRN EN 300 674-1 V1.2.1:2009
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Telematika cestovnog prijevoza i prometa (RTTT) – Prijenosna oprema (500 kbit/s/250 kbit/s) namijenjena za komunikaciju kratkoga dometa (DSRC) koja radi u pojasu 5,8 GHz za industrijsku, znanstvenu i medicinsku primjenu (ISM) – 1. dio: Opće karakteristike i metode mjerenja za cestovne jedinice (RSU) i jedinice na vozilu (OBU) (EN 300 674-1 V1.2.1:2004)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Road Transport and Traffic Telematics (RTTT) – Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band – Part 1: General characteristics and test methods for Road Side Units (RSU) and On-Board Units (OBU) (EN 300 674-1 V1.2.1:2004)

HZN/TU V1, *Elektronika 1*

HRN EN 61984:2008
Priključci – Sigurnosni zahtjevi i ispitivanja (IEC 61984:2001; EN 61984:2001)
Connectors – Safety requirements and tests (IEC 61984:2001; EN 61984:2001)

HRN EN 61984:2010
Priključci – Sigurnosni zahtjevi i ispitivanja (IEC 61984:2008; EN 61984:2009)
Connectors – Safety requirements and tests (IEC 61984:2008; EN 61984:2009)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 50545-1:2014
Električna oprema za otkrivanje i mjerenje otrovnih i eksplozivnih plinova na parkiralištima za automobile i u tunelima – 1. dio: Opći izvedbeni zahtjevi i metode ispitivanja za otkrivanje i mjerenje ugljikovog monoksida i dušikovih oksida (EN 50545-1:2011)
Electrical apparatus for the detection and measurement of toxic and combustible gases in car parks and tunnels – Part 1: General performance requirements and test methods for the detection and measurement of carbon monoxide and nitrogen oxides (EN 50545-1:2011)

1.10 Prijevodi hrvatskih normativnih dokumenata

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

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

HRN EN ISO 9001:2015 hr-en pr-pp
Sustavi upravljanja kvalitetom – Zahtjevi (ISO 9001:2015; EN ISO 9001:2015)
Quality management systems – Requirements (ISO 9001:2015; EN ISO 9001:2015)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.01 Opći pojmovi. Nazivlje. Normizacija. Dokumentacija (Rječnici)

Međunarodna normizacija
IEC

IEC/TR 62687:2015
Graphical symbols for use on equipement - Vocabulary

01.040.23 Hidraulički i pneumatski sustavi i sastavni dijelovi za opću upotrebu (Rječnici)

Europska normizacija
CEN

EN 736-2 :2016-02
Valves – Terminology – Part 2: Definition of components of valves

01.040.25 Proizvodna tehnika (Rječnici)

Međunarodna normizacija
ISO

ISO/ASTM 52900:2015
Additive manufacturing - General principles - Terminology

01.040.29 Elektrotehnika (Rječnici)

Međunarodna normizacija
IEC

IEC/TR 62687:2015
Graphical symbols for use on equipement – Vocabulary

01.040.31 Elektronika (Rječnici)

Međunarodna normizacija
IEC

IEC 62047-1:2016-01
Semiconductor devices – Micro-electromechanical devices – Part 1: Terms and definitions

01.040.65 Poljoprivreda (Rječnici)

Međunarodna normizacija
ISO

ISO 11450 AMD 1:2016-01
Equipment for harvesting and conservation – Round balers – Terminology and commercial specifications; Amendment 1

01.040.83 Industrija gume i plastike (Rječnici)

Europska normizacija
CEN

EN 923:2015
Adhesives - Terms and definitions

01.080.20 Grafički simboli za upotrebu na posebnoj opremi

Međunarodna normizacija
IEC

IEC 62648 AMD 1:2015
Graphical symbols for use on equipment - Guidelines for the inclusion of graphical symbols in IEC publications; Amendment 1

IEC 62648 Edition 1.1:2015
Graphical symbols for use on equipment - Guidelines for the inclusion of graphical symbols in IEC publications

IEC/TR 62687:2015
Graphical symbols for use on equipement – Vocabulary

01.080.99 Ostali grafički simboli

Europska normizacija
CEN

EN ISO 780:2015
Packaging - Distribution packaging - Graphical symbols for handling and storage of packages (ISO 780:2015)

01.120 Normizacija. Opća pravila

Europska normizacija
CEN

CEN-CENELEC Guide 31:2015
Competition law for participants in CEN-CENELEC activities

01.140.10 Pisanje i transliteracija

Međunarodna normizacija
ISO

ISO 7098:2015
Information and documentation - Romanization of Chinese

01.140.20 Informacijske znanosti

Međunarodna normizacija
ISO

ISO 11799:2015
Information and documentation - Document storage requirements for archive and library materials

03.080.99 Ostale usluge

Međunarodna normizacija
ISO/IEC

ISO/IEC TR 20000-11:2015
Information technology - Service management - Part 11: Guidance on the relationship between ISO/IEC 20000-1:2011 and service management frameworks: ITIL®

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Europska normizacija
ETSI

ETSI EG 203251 V 1.1.1:2016-01
Methods for Testing & Specification – Risk-based Security Assessment and Testing Methodologies

03.120.10 Upravljanje kvalitetom i osiguravanje kvalitete

Europska normizacija
CEN

EN 9102:2015
Aerospace series - Quality systems - First article inspection requirements

EN 9114:2015
Aerospace series - Quality systems - Direct Ship Guidance for Aerospace Companies

EN 9131:2016
Aerospace series - Quality Management Systems - Nonconformance Data Definition and Documentation

03.120.30 Primjena statističkih metoda

Međunarodna normizacija
ISO

ISO/TR 13195:2015
Selected illustrations of response surface method - Central composite design

ISO 16355-1:2015
Application of statistical and related methods to new technology and product development process - Part 1: General principles and perspectives of Quality Function Deployment (QFD)

03.220.01 Prijevoz općenito

Međunarodna normizacija
ISO

ISO 17438-1:2016-01
Intelligent transport systems – Indoor navigation for personal and vehicle ITS station – Part 1: General information and use case definition

03.220.20 Cestovni prijevoz

ISO 17575-1:2016-01
Electronic fee collection – Application interface definition for autonomous systems – Part 1: Charging

ISO 17575-2:2016-01
Electronic fee collection – Application interface definition for autonomous systems – Part 2: Communication and connection to the lower layers

ISO 17575-3:2016-01
Electronic fee collection – Application interface definition for autonomous systems – Part 3: Context data

03.220.30 Željeznički prijevoz

Međunarodna normizacija
IEC

IEC 62625-2:2016-01
Electronic railway equipment – On board driving data recording system – Part 2: Conformity testing

03.240 Poštanske usluge

Europska normizacija
CEN

EN 13724/AC:2016-01
Postal services – Apertures of private letter boxes and letter plates – Requirements and test methods

07.030 Fizika. Kemija

Međunarodna normizacija
ISO

ISO/TR 17302:2015
Nanotechnologies - Framework for identifying vocabulary development for nanotechnology applications in human healthcare

07.100.99 Ostale norme koje se odnose na mikrobiologiju

Europska normizacija
CEN

EN ISO 18416:2015
Cosmetics - Microbiology - Detection of Candida albicans (ISO 18416:2015)

EN ISO 21150:2015
Cosmetics - Microbiology - Detection of Escherichia coli (ISO 21150:2015)

EN ISO 22717:2015
Cosmetics - Microbiology - Detection of Pseudomonas aeruginosa (ISO 22717:2015)

EN ISO 22718:2015
Cosmetics - Microbiology - Detection of Staphylococcus aureus (ISO 22718:2015)

11.040.01 Medicinska oprema općenito

Europska normizacija
CENELEC

EN 62366-1:2015/AC:2015
Medical devices - Part 1: Application of usability engineering to medical devices (IEC 62366-1:2015); Corrigendum

11.040.20 Transfuzijska, infuzijska i injekcijska oprema

Europska normizacija
CEN

EN ISO 1135-4:2015
Transfusion equipment for medical use - Part 4: Transfusion sets for single use, gravity feed (ISO 1135-4:2015)

EN ISO 1135-5:2015
Transfusion equipment for medical use - Part 5: Transfusion sets for single use with pressure infusion apparatus (ISO 1135-5:2015)

EN ISO 8362-1:2009/A1:2015
Injection containers and accessories - Part 1: Injection vials made of glass tubing (ISO 8362-1:2009/Amd 1:2015)

Međunarodna normizacija
ISO

ISO 1135-4:2015
Transfusion equipment for medical use - Part 4: Transfusion sets for single use, gravity feed

ISO 1135-5:2015
Transfusion equipment for medical use - Part 5: Transfusion sets for single use with pressure infusion apparatus

ISO 8362-1 AMD 1:2015
Injection containers and accessories - Part 1: Injection vials made of glass tubing; Amendment 1

Međunarodna normizacija
ISO

IEC/PAS 63023:2016-01
Medical electrical system – Input interface for haemodialysis equipment for use of external alarming device

11.040.25 Šprice. Igle. Kateteri

11.040.30 Kirurški instrumenti i materijali

Europska normizacija
CEN

EN ISO 11810:2015
Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Primary ignition, penetration, flame spread and secondary ignition (ISO 11810:2015)

Međunarodna normizacija
ISO

ISO 11810:2015
Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Primary ignition, penetration, flame spread and secondary ignition

11.040.50 Radiografijska oprema

Europska normizacija
CEN

EN 60601-2-8/A1:2016-01
Medical electrical equipment – Part 2-8: Particular requirements for the basic safety and essential performance of therapeutic X-ray equipment operating in the range 10 kV to 1 MV
(IEC 60601-2-8:2010/A1:2015)

11.040.55 Dijagnostička oprema

Međunarodna normizacija
ISO

ISO 389-3:2016-02
Acoustics – Reference zero for the calibration of audiometric equipment – Part 3: Reference equivalent threshold vibratory force levels for pure tones and bone vibrators

11.040.70 Oftalmološka oprema

Međunarodna normizacija
ISO

ISO/TR 19498:2015
Ophthalmic optics and instruments - Correlation of optotypes

11.060.10 Stomatološki materijali

Međunarodna normizacija
ISO

ISO 15912:2016-01
Dentistry – Refractory investment and die material

ISO 22674:2016-01
Dentistry – Metallic materials for fixed and removable restorations and appliances

11.060.15 Stomatološki implantati

Europska normizacija
CEN

EN ISO 13017:2012/A1:2015
Dentistry - Magnetic attachments - Amendment 1 (ISO 13017:2012/Amd 1:2015)

11.060.25 Stomatološki instrumenti

Međunarodna normizacija
ISO

ISO 18397:2016-01
Dentistry – Powered scaler

11.080.10 Sterilizacijska oprema

Europska normizacija
CEN

EN 285:2015
Sterilization - Steam sterilizers - Large sterilizers

11.100.99 Ostale norme koje se odnose na laboratorijsku medicinu

Međunarodna normizacija
ISO

ISO 18385:2016-02
Minimizing the risk of human DNA contamination in products used to collect, store and analyze biological material for forensic purposes – Requirements

11.180.01 Pomagala za osobe s invaliditetom općenito

Međunarodna normizacija
ISO

ISO 17966:2016-01
Assistive products for personal hygiene that support users – Requirements and test methods

11.180.15 Pomagala za gluhe i osobe oštećenog sluha

Europska normizacija
CENELEC

EN 60601-2-66:2015
Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems (IEC 60601-2-66:2015)

Međunarodna normizacija
ISO

ISO 19029:2016-02
Accessible design – Auditory guiding signals in public facilities

Međunarodna normizacija
IEC

IEC 60118-13:2016-01
Electroacoustics – Hearing aids – Part 13: Electromagnetic compatibility (EMC)

11.180.99 Ostale norme koje se odnose na pomagala za osobe s invaliditetom

Međunarodna normizacija
ISO

ISO/IEC TR 13066-2:2016-02
Information technology – Interoperability with assistive technology (AT) – Part 2: Windows accessibility application programming interface (API)

ISO 17966:2016-01
Assistive products for personal hygiene that support users – Requirements and test methods

13.020.30 Ocjenjivanje utjecaja na okoliš

Međunarodna normizacija
IEC

IEC/TR 62474-1:2015
Material declaration for products of and for the electrotechnical industry - Part 1: Guidance for the implementation of IEC 62474

13.020.60 Životni ciklusi proizvoda

Europska normizacija
CEN

EN 16785-1:2015
Bio-based products - Bio-based content - Part 1: Determination of the bio-based content using the radiocarbon analysis and elemental analysis

13.040.30 Atmosfera u radnome prostoru

Međunarodna normizacija
ISO

ISO 17733:2015
Workplace air - Determination of mercury and inorganic mercury compounds - Method by cold-vapour atomic absorption spectrometry or atomic fluorescence spectrometry

13.040.35 Čiste sobe i srodni nadzirani okoliš

Europska normizacija
CEN

EN ISO 14644-1:2015
Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness by particle concentration (ISO 14644-1:2015)

EN ISO 14644-2:2015
Cleanrooms and associated controlled environments - Part 2: Monitoring to provide evidence of cleanroom performance related to air cleanliness by particle concentration (ISO 14644-2:2015)

Međunarodna normizacija
ISO

ISO 14644-1:2015
Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness by particle concentration

ISO 14644-2:2015
Cleanrooms and associated controlled environments - Part 2: Monitoring to provide evidence of cleanroom performance related to air cleanliness by particle concentration

13.040.50 Emisije plinova iz prijevoznih sredstava

Međunarodna normizacija
ISO

ISO 19449:2015
Mopeds - Measurement methods for gaseous exhaust emissions during inspection or maintenance

13.060.20 Voda za piće

Europska normizacija
CEN

EN 15975-1+A1:2015
Security of drinking water supply - Guidelines for risk and crisis management - Part 1: Crisis management

EN 1420:2016-01
Influence of organic materials on water intended for human consumption – Determination of odour and flavour assessment of water in piping systems

13.060.60 Ispitivanje fizikalnih svojstava vode

Međunarodna normizacija
ISO

ISO 13167:2015
Water quality - Plutonium, americium, curium and neptunium - Test method using alpha spectrometry

13.080.20 Fizikalna svojstva tla

Europska normizacija
CEN

EN ISO 17892-3:2015
Geotechnical investigation and testing - Laboratory testing of soil - Part 3: Determination of particle density (ISO 17892-3:2015)

13.080.30 Biološka svojstva tla

Međunarodna normizacija
ISO

ISO 17601:2016-01
Soil quality – Estimation of abundance of selected microbial gene sequences by quantitative PCR from DNA directly extracted from soil

ISO 18311:2016-01
Soil quality – Method for testing effects of soil contaminants on the feeding activity of soil dwelling organisms – Bait-lamina test

13.110 Sigurnost strojeva

Europska normizacija
CEN

CEN/TR 16710-1:2015
Ergonomics methods - Part 1: Feedback method - A method to understand how end users perform their work with machines

EN ISO 13849-1:2015
Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2015)

EN ISO 14123-2:2015
Safety of machinery - Reduction of risks to health resulting from hazardous substances emitted by machinery - Part 2: Methodology leading to verification procedures (ISO 14123-2:2015)

EN ISO 19353:2016-01
Safety of machinery – Fire prevention and fire protection (ISO 19353:2015)

Međunarodna normizacija
ISO

ISO 13849-1:2015
Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design

ISO 19353:2015
Safety of machinery - Fire prevention and fire protection

13.160 Utjecaj vibracija i udara na ljude

Europska normizacija
CEN

EN ISO 28927-8:2009/A1:2015
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action - Amendment 1: Polishing machines, modified feed forces (ISO 28927-8:2009/Amd 1:2015)

Međunarodna normizacija
ISO

ISO 28927-8:2009/Amd 1:2015
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action - Amendment 1: Polishing machines, modified feed forces

13.180 Ergonomija

Europska normizacija
CEN

CEN/TR 16710-1:2015
Ergonomics methods - Part 1: Feedback method - A method to understand how end users perform their work with machines

CEN/TR 16823:2015
Railway applications - Driver's cab - Background information on anthropometric data

Međunarodna normizacija
ISO

ISO 19026:2015
Accessible design - Shape and colour of a flushing button and a call button, and their arrangement with a paper dispenser installed on the wall in public restroom

ISO/TR 20278:2015
Unwanted reflections from the active and inactive areas of display surfaces visible during use

ISO 19027:2016-01
Design principles for communication support board using pictorial symbols

ISO 19029:2016-02
Accessible design – Auditory guiding signals in public facilities

13.220.10 Vatrogastvo

Međunarodna normizacija
ISO

ISO 14520-1:2015
Gaseous fire-extinguishing systems - Physical properties and system design - Part 1: General requirements

13.220.20 Zaštita od požara

Europska normizacija
CEN

EN 12845/AC:2016-01
Fixed firefighting systems – Automatic sprinkler systems – Design, installation and maintenance

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija
CEN

EN 597-1:2015
Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 1: Ignition source: smouldering cigarette

EN 597-2:2015
Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 2: Ignition source: match flame equivalent

CENELEC

EN 50200:2015
Method of test for resistance to fire of unprotected small cables for use in emergency circuits

EN 50577:2015
Electric cables - Fire resistance test for unprotected electric cables (P classification)

Međunarodna normizacija
ISO

ISO 11810:2015
Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Primary ignition, penetration, flame spread and secondary ignition

IEC

IEC 60695-1-20:2016-01
Fire hazard testing – Part 1-20: Guidance for assessing the fire hazard of electrotechnical products – Ignitability – General guidance

IEC 60695-11-20 Corrigendum 1:2016-01
Fire hazard testing – Part 11-20: Test flames – 500 W flame test method; Corrigendum 1

13.220.99 Ostale norme koje se odnose na zaštitu od požara

Europska normizacija
CEN

CEN/TR 16793:2016-01
Guide for the selection, application and use of flame arresters

Međunarodna normizacija
ISO

ISO 13344:2015
Estimation of the lethal toxic potency of fire effluents

13.260 Zaštita od električnog udara. Rad pod naponom

Europska normizacija
CENELEC

EN 61472:2013/AC:2015
Live working - Minimum approach distances for a.c systems in the voltage range 72,5 kV to 800 kV - A method of calculation

Međunarodna normizacija
IEC

IEC 61140:2016-01
Protection against electric shock – Common aspects for installations and equipment

13.280 Zaštita od zračenja

Europska normizacija
CENELEC

EN 60601-2-8/A1:2016-01
Medical electrical equipment – Part 2-8: Particular requirements for the basic safety and essential performance of therapeutic X-ray equipment operating in the range 10 kV to 1 MV
(IEC 60601-2-8:2010/A1:2015)

13.310 Zaštita od kriminala

Europska normizacija
CEN

EN 1628+A1:2015
Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under static loading

EN 1629+A1:2015
Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading

EN 1630+A1:2015
Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance to manual burglary attempts

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija
CEN

EN 16683:2015
Railway applications - Call for aid and communication device - Requirements

13.340.10 Zaštitna odjeća

Europska normizacija
CEN

EN ISO 12127-1:2015
Clothing to protect against heat and flame - Determination of contact heat transmission through clothing or constituent materials - Part 1: Contact heat produced by heating cylinder (ISO 12127-1:2015)

Međunarodna normizacija
ISO

ISO 12127-1:2015
Clothing to protect against heat and flame - Determination of contact heat transmission through clothing or constituent materials - Part 1: Contact heat produced by heating cylinder

13.340.20 Zaštitna oprema za glavu

Međunarodna normizacija
ISO

ISO 11999-9:2016-01
PPE for firefighters – Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures – Part 9: Fire hoods

13.340.50 Zaštita nogu i stopala

Europska normizacija
CEN

EN 13634:2015
Protective footwear for motorcycle riders - Requirements and test methods

13.340.99 Ostala zaštitna oprema

Europska normizacija
CEN

EN ISO 11810:2015
Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Primary ignition, penetration, flame spread and secondary ignition (ISO 11810:2015)

Međunarodna normizacija
ISO

ISO 11810:2015
Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Primary ignition, penetration, flame spread and secondary ignition

17.120.20 Protok u otvorenim kanalima

Međunarodna normizacija
ISO

ISO 24155:2016-02
Hydrometry – Hydrometric data transmission systems – Specification of system requirements

17.140.01 Akustička mjerenja i smanjenje buke općenito

Međunarodna normizacija
ISO

ISO 6926:2016-01
Acoustics – Requirements for the performance and calibration of reference sound sources used for the determination of sound power levels

17.140.20 Buka koju proizvode strojevi i oprema

Europska normizacija
CENELEC

EN 60534-8-4:2015
Industrial-process control valves - Part 8-4: Noise considerations - Prediction of noise generated by hydrodynamic flow (IEC 60534-8-4:2015)

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija
ISO

ISO 389-3:2016-02
Acoustics – Reference zero for the calibration of audiometric equipment – Part 3: Reference equivalent threshold vibratory force levels for pure tones and bone vibrators

ISO 13373-2:2016-01
Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 2: Processing, analysis and presentation of vibration data

17.180.20 Boje i mjerenje svjetlosti

Međunarodna normizacija
ISO

ISO 6271:2015
Clear liquids - Estimation of colour by the platinum-cobalt colour scale

17.180.30 Optički mjerni instrumenti

Međunarodna normizacija
IEC

IEC 62129-1:2016-01
Calibration of wavelength/optical frequency measurement instruments – Part 1: Optical spectrum analyzers

17.240 Mjerenja zračenja

Međunarodna normizacija
ISO

ISO 13167:2015
Water quality - Plutonium, americium, curium and neptunium - Test method using alpha spectrometry

ISO 16638-1:2015
Radiological protection - Monitoring and internal dosimetry for specific materials - Part 1: Inhalation of uranium compounds

ISO 19017:2015
Guidance for gamma spectrometry measurement of radioactive waste

ISO 21909-1:2015
Passive neutron dosimetry systems - Part 1: Performance and test requirements for personal dosimetry

ISO 29661:2012/Amd 1:2015
Reference radiation fields for radiation protection - Definitions and fundamental concepts - Amendment 1: Reference point of personal dosemeters

ISO 7503-1:2016-01
Measurement of radioactivity – Measurement and evaluation of surface contamination – Part 1: General principles

ISO 7503-2:2016-01
Measurement of radioactivity – Measurement and evaluation of surface contamination – Part 2: Test method using wipe-test samples

ISO 7503-3 : 2016-01
Measurement of radioactivity – Measurement and evaluation of surface contamination – Part 3: Apparatus calibration

ISO 8769:2016-01
Reference sources – Calibration of surface contamination monitors – Alpha-, beta- and photon emitters

IEC

IEC 60846-2:2015
Radiation protection instrumentation - Ambient and/or directional dose equivalent (rate) meters and/or monitors for beta, X and gamma radiation - Part 2: High range beta and photon dose and dose rate portable instruments for emergency radiation protection purposes

19.040 Ispitivanje utjecaja okoliša

Europska normizacija
CENELEC

EN 60068-2-60:2015
Environmental testing - Part 2-60: Tests - Test Ke: Flowing mixed gas corrosion test (IEC 60068-2-60:2015)

EN 60068-2-39:2016-01
Environmental testing – Part 2-39: Tests – Tests and guidance: Combined temperature or temperature and humidity with low air pressure tests (IEC 60068-2-39:2015)

19.100 Nerazorna ispitivanja

Europska normizacija
CEN

EN ISO 18563-3:2015
Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 3: Combined systems (ISO 18563-3:2015)

Međunarodna normizacija
ISO

ISO 18563-3:2015
Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 3: Combined systems

21.060.20 Matice

Europska normizacija
CEN

EN ISO 2320:2015
Fasteners - Prevailing torque steel nuts - Functional properties (ISO 2320:2015)

Međunarodna normizacija
ISO

ISO 2320:2015
Fasteners - Prevailing torque steel nuts - Functional properties

21.100.01 Ležajevi općenito

Međunarodna normizacija
ISO

ISO 21107:2015
Rolling bearings and spherical plain bearings - Search structure for electronic media - Characteristics and performance criteria identified by property vocabulary

21.100.20 Valjni ležajevi

Međunarodna normizacija
ISO

ISO 3245:2015
Rolling bearings - Needle roller bearings with drawn cup and without inner ring - Boundary dimensions, geometrical product specifications (GPS) and tolerance values

ISO 15242-1:2015
Rolling bearings - Measuring methods for vibration - Part 1: Fundamentals

ISO 15242-2:2015
Rolling bearings - Measuring methods for vibration - Part 2: Radial ball bearings with cylindrical bore and outside surface

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija
CEN

EN 13445-10:2015
Unfired pressure vessels - Part 10: Additional requirements for pressure vessels of nickel and nickel alloys

EN ISO 11623:2015
Gas cylinders - Composite construction - Periodic inspection and testing (ISO 11623:2015)

EN ISO 21007-2:2015
Gas cylinders - Identification and marking using radio frequency identification technology - Part 2: Numbering schemes for radio frequency identification (ISO 21007-2:2015)

Međunarodna normizacija
ISO

ISO 21007-2:2015
Gas cylinders - Identification and marking using radio frequency identification technology - Part 2: Numbering schemes for radio frequency identification

23.020.40 Kriogeničke posude

Europska normizacija
CEN

EN ISO 21009-2:2015
Cryogenic vessels - Static vacuum insulated vessels - Part 2: Operational requirements (ISO 21009-2:2015)

23.040.01 Cjevovodne sastavni dijelovi i cjevovodi općenito

Europska normizacija
CEN

EN 13480-4:2012/A2:2015
Metallic industrial piping - Part 4: Fabrication and installation

EN 16125:2015
LPG Equipment and Accessories - Pipework systems and supports - LPG in liquid phase and vapour pressure phase

23.040.20 Plastične cijevi

Europska normizacija
CEN

EN ISO 9967:2016-01
Thermoplastics pipes – Determination of creep ratio (ISO 9967:2016

EN ISO 9969:2016-01
Thermoplastics pipes – Determination of ring stiffness (ISO 9969:2016)

Međunarodna normizacija
ISO

ISO 8513:2016-02
Plastics piping systems – Glass-reinforced thermosetting plastics (GRP) pipes – Test methods for the determination of the initial longitudinal tensile strength

ISO 9967:2016-01
Thermoplastics pipes – Determination of creep ratio

ISO 9969:2016-01
Thermoplastics pipes – Determination of ring stiffness

23.040.70 Crijeva i crijevni sklopovi

Međunarodna normizacija
ISO

ISO 5774:2016-01
Plastics hoses – Textile-reinforced types for compressed-air applications – Specification

ISO 13363 : 2016-01
Rubber and plastics hoses for marine-engine wet-exhaust systems – Specification

ISO 19013-2:2016-01
Rubber hoses and tubing for fuel circuits for internal combustion engines – Specification – Part 2: Gasoline fuels

23.060.01 Zaporni uređaji općenito

Europska normizacija
CEN

EN 736-2:2016-02
Valves – Terminology – Part 2: Definition of components of valves

EN 1503-4 : 2016-02
Valves – Materials for bodies, bonnets and covers – Part 4: Copper alloys specified in European Standards

23.060.20 Slavine

Europska normizacija
CEN

EN 331:2015
Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings

EN ISO 17292:2015
Metal ball valves for petroleum, petrochemical and allied industries (ISO 17292:2015)

23.060.40 Regulatori tlaka

Europska normizacija
CENELEC

EN 60534-8-4:2015
Industrial-process control valves - Part 8-4: Noise considerations - Prediction of noise generated by hydrodynamic flow (IEC 60534-8-4:2015)

CEN/TR 16793:2016-01
Guide for the selection, application and use of flame arresters

Međunarodna normizacija
IEC

IEC 60534-2-3:2015
Industrial-process control valves - Part 2-3: Flow capacity - Test procedures

25.040.01 Sustavi industrijske automatizacije općenito

Međunarodna normizacija
ISO

ISO/PAS 19450:2015
Automation systems and integration - Object-Process Methodology

25.040.20 Numerički upravljani strojevi

Međunarodna normizacija
ISO

ISO/ASTM 52900:2015
Additive manufacturing - General principles – Terminology

25.060.20 Diobene i stezne naprave za alat i obradak

Međunarodna normizacija
ISO

ISO 7388-3:2016-02
Tool shanks with 7/24 taper for automatic tool changers – Part 3: Retention knobs of forms AD, AF, UD, UF, JD and JF

25.080.01 Alatni strojevi općenito

Europska normizacija
CEN

EN ISO 16089:2015
Machine tools - Safety - Stationary grinding machines (ISO 16089:2015)

25.080.50 Strojevi za brušenje i poliranje

Europska normizacija
CEN

EN ISO 16089:2015
Machine tools - Safety - Stationary grinding machines (ISO 16089:2015)

25.100.70 Abrazivi

Europska normizacija
CEN

EN 13236+A1:2015
Safety requirements for superabrasive products

Međunarodna normizacija
ISO

ISO 21538:2016-02
Blanks for superabrasive cutting-off wheels – Mounting and fixing bores – Building construction and civil engineering

25.140.10 Pneumatski alati

Europska normizacija
CEN

EN ISO 28927-8:2009/A1:2015
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action - Amendment 1: Polishing machines, modified feed forces (ISO 28927-8:2009/Amd 1:2015)

Međunarodna normizacija
ISO

ISO 28927-8:2009/Amd 1:2015
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action - Amendment 1: Polishing machines, modified feed forces

25.140.20 Električni alati

Europska normizacija
CENELEC

EN 62841-2-2:2014/AC:2015
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches (IEC 62841-2-2:2014, modified)

EN 62841-2-4:2014/AC:2015
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type (IEC 62841-2-4:2014, modified)

EN 62841-3-1:2014/AC:2015
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, modified)

EN 62841-3-9:2015
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws (IEC 62841-3-9:2014, modified + COR1:2015)

EN 62841-3-10:2015
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines (IEC 62841-3-10:2015, modified)

25.160.10 Procesi zavarivanja

Međunarodna normizacija
ISO

ISO 18278-2:2016-01
Resistance welding – Weldability – Part 2: Evaluation procedures for weldability in spot welding

25.160.20 Dodatni i potrošni materijali za zavarivanje

Europska normizacija
CEN

EN ISO 636:2015
Welding consumables - Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels - Classification (ISO 636:2015)

EN ISO 1071:2015
Welding consumables - Covered electrodes, wires, rods and tubular cored electrodes for fusion welding of cast iron - Classification (ISO 1071:2015)

EN ISO 17632:2015
Welding consumables - Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of non-alloy and fine grain steels - Classification (ISO 17632:2015)

EN ISO 18273:2015
Welding consumables - Wire electrodes, wires and rods for welding of aluminium and aluminium alloys - Classification (ISO 18273:2015)

Međunarodna normizacija
ISO

ISO 8430-1:2016-01
Resistance spot welding – Electrode holders – Part 1: Taper fixing 1:10

ISO 8430-2:2016-01
Resistance spot welding – Electrode holders – Part 2: Morse taper fixing

ISO 8430-3 : 2016-0143,20 EUR
Resistance spot welding – Electrode holders – Part 3: Parallel shank fixing for end thrust

25.160.30 Oprema za zavarivanje

Europska normizacija
CENELEC

EN 60974-6:2016-01
Arc welding equipment – Part 6: Limited duty equipment (IEC 60974-6:2015)

25.160.40 Zavareni spojevi i zavari

Međunarodna normizacija
ISO

ISO 9015-2:2016-02
Destructive tests on welds in metallic materials – Hardness testing – Part 2: Microhardness testing of welded joints

25.220.40 Metalne prevlake

Međunarodna normizacija
ISO

ISO 17668:2016-02
Zinc diffusion coatings on ferrous products – Sherardizing – Specification

25.220.50 Emajli

Europska normizacija
CEN

EN ISO 28721-2:2015
Vitreous and porcelain enamels - Glass-lined apparatus for process plants - Part 2: Designation and specification of resistance to chemical attack and thermal shock (ISO 28721-2:2015)

EN ISO 28706-4:2016-01
Vitreous and porcelain enamels – Determination of resistance to chemical corrosion – Part 4: Determination of resistance to chemical corrosion by alkaline liquids using a cylindrical vessel (ISO 28706-4:201

Međunarodna normizacija
ISO

ISO 28721-2:2015
Vitreous and porcelain enamels - Glass-lined apparatus for process plants - Part 2: Designation and specification of resistance to chemical attack and thermal shock

ISO 28706-4:2016-01
Vitreous and porcelain enamels – Determination of resistance to chemical corrosion – Part 4: Determination of resistance to chemical corrosion by alkaline liquids using a cylindrical vessel

ISO 28765:2016-01
Vitreous and porcelain enamels – Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges

27.010 Tehnika prijenosa energije i topline općenito

Europska normizacija
CEN

CWA 16975:2015
Eco-efficient Substations for District Heating

EN 16754:2016-01
Artisan Gelato and ice cream machinery – Performance characteristics and energy consumption

27.120.30 Fisijski materijali i tehnologija nuklearnog goriva

Međunarodna normizacija
ISO

ISO 19017:2015
Guidance for gamma spectrometry measurement of radioactive waste

27.160 Solarna energetika

Europska normizacija
CENELEC

EN 50583-1:2016-01
Photovoltaics in buildings – Part 1: BIPV modules

EN 50583-2:2016-01
Photovoltaics in buildings – Part 2: BIPV systems

Međunarodna normizacija
IEC

IEC 62446-1:2016-01
Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – Documentation, commissioning tests and inspection

27.180 Sustavi vjetroagregata

Međunarodna normizacija
IEC

IEC 61400-13:2015
Wind turbines - Part 13: Measurement of mechanical loads

29.020 Elektrotehnika općenito

Europska normizacija
CENELEC

EN 62321-7-1:2015
Determination of certain substances in electrotechnical products - Part 7-1: Determination of the presence of hexavalent chromium (Cr(VI)) in colorless and colored corrosion-protected coatings on metals by the colorimetric method (IEC 62321-7-1:2015)

EN 60599:2016-01
Mineral oil-filled electrical equipment in service – Guidance on the interpretation of dissolved and free gases analysis (IEC 60599:2015)

Međunarodna normizacija
IEC

IEC 62648 AMD 1:2015
Graphical symbols for use on equipment - Guidelines for the inclusion of graphical symbols in IEC publications; Amendment 1

IEC 62648 Edition 1.1:2015
Graphical symbols for use on equipment - Guidelines for the inclusion of graphical symbols in IEC publications

IEC/TR 62474-1:2015
Material declaration for products of and for the electrotechnical industry - Part 1: Guidance for the implementation of IEC 62474

IEC/TR 62687:2015
Graphical symbols for use on equipement – Vocabulary

IEC 60695-1-20:2016-01
Fire hazard testing – Part 1-20: Guidance for assessing the fire hazard of electrotechnical products – Ignitability – General guidance

IEC 60695-11-20 Corrigendum 1:2016-01
Fire hazard testing – Part 11-20: Test flames – 500 W flame test method; Corrigendum 1

29.035.01 Izolacijski materijali općenito

Međunarodna normizacija
IEC

IEC 62631-3-2:2015
Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC methods) - Surface resistance and surface resistivity

IEC 62631-3-3:2015
Dielectric and resistive properties of solid insulating materials - Part 3-3: Determination of resistive properties (DC methods) - Insulation resistance

29.040.10 Izolacijska ulja

Europska normizacija
CENELEC

EN 60599:2016-01
Mineral oil-filled electrical equipment in service – Guidance on the interpretation of dissolved and free gases analysis (IEC 60599:2015)

29.050 Supravodljivost i vodljivi materijali

Međunarodna normizacija
IEC

IEC 61788-4:2016-01
Superconductivity – Part 4: Residual resistance ratio measurement – Residual resistance ratio of Nb-Ti and Nb3Sn composite superconductors

29.060.01 Električne žice i kabeli općenito

Međunarodna normizacija
IEC

IEC 60034-27-3:2015
Rotating electrical machines - Part 27-3: Dielectric dissipation factor measurement on stator winding insulation of rotating electrical machines

29.060.10 Žice

Europska normizacija
CENELEC

EN 60317-0-9:2015
Specifications for particular types of winding wires - Part 0-9: General requirements - Enamelled rectangular aluminium wire (IEC 60317-0-9:2015)

EN 60317-0-4:2016-01
Specifications for particular types of winding wires – Part 0-4: General requirements – Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire (IEC 60317-0-4:2015)

EN 60317-31:2016-01
Specifications for particular types of winding wires – Part 31: Glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180 (IEC 60317-31:2015)

EN 60317-32:2016-01
Specifications for particular types of winding wires – Part 32: Glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155 (IEC 60317-32:2015)

EN 60317-33:2016-01
Specifications for particular types of winding wires – Part 33: Glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200 (IEC 60317-33:2015)

EN 60317-39:2016-01
Specifications for particular types of winding wires – Part 39: Glass-fibre braided resin or varnish-impregnated, bare or enamelled rectangular copper wire, temperature index 180 (IEC 60317-39:2015)

29.060.20 Kabeli

Europska normizacija
CENELEC

EN 50200:2015
Method of test for resistance to fire of unprotected small cables for use in emergency circuits

EN 50577:2015
Electric cables - Fire resistance test for unprotected electric cables (P classification)

29.080.10 Izolatori

Europska normizacija
CENELEC

EN 62231-1:2016-01
Composite station post insulators for substations with AC voltages greater than 1000 V up to 245 kV – Part 1: Dimensional, mechanical and electrical characteristics (IEC 62231-1:2015)

29.100.10 Magnetski sastavni dijelovi

Europska normizacija
CENELEC

EN 60424-8:2015
Ferrite cores - Guidelines on the limits of surface irregularities - Part 8: PQ-cores (IEC 60424-8:2015)

EN 62317-5:2015
Ferrite cores - Dimensions - Part 5: EP-cores and associated parts for use in inductors and transformers (IEC 62317-5:2015)

EN 62317-13:2015
Ferrite cores - Dimensions - Part 13: PQ-cores for use in power supply applications (IEC 62317-13:2015)

Međunarodna normizacija
IEC

IEC 60401-3:2015
Terms and nomenclature for cores made of magnetically soft ferrites - Part 3: Guidelines on the format of data appearing in manufacturers catalogues of transformer and inductor cores

IEC 60424-1:2015
Ferrite cores - Guidelines on the limits of surface irregularities - Part 1: General specification

IEC 60424-2:2015
Ferrite cores - Guidelines on the limits of surface irregularities - Part 2: RM-cores

IEC 60424-4:2015
Ferrite cores - Guidelines on the limits of surface irregularities - Part 4: Ring-cores

IEC 62317-6:2015
Ferrite cores - Dimensions - Part 6: ETD-cores for use in power supplies

29.120.30 Utikači, utičnice, sprežnici

Međunarodna normizacija
IEC

IEC 60320-1 Corrigendum 1:2016-01
Appliance couplers for household and similar general purposes – Part 1: General requirements; Corrigendum 1

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija
CENELEC

EN 50526-3:2016-01
Railway application – Fixed installations – D.C. surge arresters and voltage limiting devices – Part 3: Application Guide

EN 60127-7:2016-01
Miniature fuses – Part 7: Miniature fuse-links for special applications (IEC 60127-7:2015)

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Europska normizacija
CENELEC

EN 62683:2015
Low-voltage switchgear and controlgear - Product data and properties for information exchange (IEC 62683:2015)

29.140.10 Kape i držači svjetiljki

Europska normizacija
CENELEC

EN 60061-1:1993/A53:2015
Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps (IEC 60061-1:1969/A53:2015)

EN 60061-2:1993/A50:2015
Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders (IEC 60061-2:1969/A50:2015)

EN 60061-3:1993/A51:2015
Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges (IEC 60061-3:1969/A51:2015)

EN 60061-1/A52:2016-01
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/A52:2015, modified)

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Međunarodna normizacija
IEC

IEC 62532 AMD 1:2016-01
Fluorescent induction lamps – Safety specifications; Amendment 1

IEC 62532 Edition 1.1:2016-01
Fluorescent induction lamps – Safety specifications

29.140.40 Rasvjetna tijela

Europska normizacija
CENELEC

EN 60598-1:2015/AC:2015
Luminaires - Part 1: General requirements and tests

Međunarodna normizacija
IEC

IEC 60598-1 Corrigendum 2:2015
Luminaires - Part 1: General requirements and tests; Corrigendum 2

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija
CENELEC

EN 62838:2016-01
LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. – Safety specifications (IEC 62838:2015)

29.180 Transformatori. Prigušnice

Međunarodna normizacija
IEC

IEC 60310:2016-01
Railway applications – Traction transformers and inductors on board rolling stock

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Europska normizacija
CENELEC

EN 62823:2015
Thyristor valves for thyristor controlled series capacitors (TCSC) - Electrical testing (IEC 62823:2015)

29.220.20 Kiseli sekundarni članci i baterije

Međunarodna normizacija
IEC

IEC 62877-2:2016-01
Electrolyte and water for vented lead acid accumulators – Part 2: Requirements for water

29.260.20 Električni uređaji za eksplozivnu atmosferu

Europska normizacija
CENELEC

EN 60079-6:2015
Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o" (IEC 60079-6:2015)

EN 60079-7:2015
Explosive atmospheres - Part 7: Equipment protection by increased safety "e" (IEC 60079-7:2015)

EN 60079-10-1:2015
Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres (IEC 60079-10-1:2015 + COR1:2015)

Međunarodna normizacija
IEC

IECEx 05:2015-09
IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEx System) – IECEx Scheme for Certification of Personnel Competence for Explosive Atmospheres – Rules of Procedure

IEC 60079-14 Corrigendum 1:2016-01
Explosive atmospheres – Part 14: Electrical installations design, selection and erection; Corrigendum 1

29.280 Oprema za električnu vuču

Europska normizacija
CENELEC

CLC/TR 50646:2015
Railway Application - Fixed Installations - Specification for reversible d.c. substations

EN 50122-1/A2:2016-01
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 1: Protective provisions against electric shock

EN 50526-3:2016-01
Railway application – Fixed installations – D.C. surge arresters and voltage limiting devices – Part 3: Application Guide

EN 50617-2/AC:2016-01
Railway Applications – Technical parameters of train detection systems for the interoperability of the trans-European railway system – Part 2: Axle counters

31.020 Elektronički sastavni dijelovi općenito

Europska normizacija
CENELEC

EN 62368-1:2014/AC:2015
Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

Međunarodna normizacija
IEC

IEC/TR 62474-1:2015
Material declaration for products of and for the electrotechnical industry - Part 1: Guidance for the implementation of IEC 62474

IEC 62911:2016-01
Audio, video and information technology equipment – Routine electrical safety testing in production

31.040.20 Potenciometri, promjenjivi otpornici

Međunarodna normizacija
IEC

IEC 60393-2:2015
Potentiometers for use in electronic equipment - Part 2: Sectional specification - Lead-screw actuated and rotary preset potentiometers

IEC 60393-5:2015
Potentiometers for use in electronic equipment - Part 5: Sectional specification - Single-turn rotary low-power wirewound and non-wirewound potentiometers

IEC 60393-6:2015
Potentiometers for use in electronic equipment - Part 6: Sectional specification - Surface mount preset potentiometers

31.060.10 Nepromjenjivi kondenzatori

Međunarodna normizacija
IEC

IEC 60384-14-1:2016-01
Fixed capacitors for use in electronic equipment – Part 14-1: Blank detail specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Assessment level DZ

31.060.30 Papirni i plastični kondenzatori

Europska normizacija
CENELEC

EN 60384-19:2015
Fixed capacitors for use in electronic equipment - Part 19: Sectional specification: Fixed metallized polyethylene- terephthalate film dielectric surface mount d.c. capacitors (IEC 60384-19:2015)

31.060.70 Energetski kondenzatori

Europska normizacija
CENELEC

EN 62823:2015
Thyristor valves for thyristor controlled series capacitors (TCSC) - Electrical testing (IEC 62823:2015)

31.080.01 Poluvodičke naprave općenito

Međunarodna normizacija
IEC

IEC 62047-1:2016-01
Semiconductor devices – Micro-electromechanical devices – Part 1: Terms and definitions

IEC 62047-26:2016-01
Semiconductor devices – Micro-electromechanical devices – Part 26: Description and measurement methods for micro trench and needle structures

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija
IEC

IEC/TR 62977-3-2:2016-01
Electronic display devices – Part 3-2: Evaluation of optical characteristics – Mura

31.180 Tiskani krugovi i pločice

Međunarodna normizacija
IEC

IEC/TR 62878-2-2:2015
Device embedded substrate - Part 2-2: Guidelines - Electrical testing

IEC/TR 63017:2015
Flexible printed circuit boards (FPCBs) - Method of compensation of impedance variations

IEC/TR 63018:2015
Flexible printed circuit boards (FPCBs) - Method to decrease signal loss by using noise suppression materials

IEC 61189-3-913:2016-01
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 3-913: Test method for thermal conductivity of printed circuit boards for high-brightness LEDs

31.220.01 Elektromehanički sastavni dijelovi općenito

Međunarodna normizacija
IEC

IEC 62047-1:2016-01
Semiconductor devices – Micro-electromechanical devices – Part 1: Terms and definitions

IEC 62047-26:2016-01
Semiconductor devices – Micro-electromechanical devices – Part 26: Description and measurement methods for micro trench and needle structures

31.220.10 Utikačke i utičničke naprave. Konektori

Europska normizacija
CENELEC

EN 62680-2-2:2015
Universal Serial Bus interfaces for data and power - Part 2-2: Universal Serial Bus - Micro-USB Cables and Connectors Specification, Revision 1.01 (IEC 62680-2-2:2015)

EN 62680-2-3:2015
Universal Serial Bus interfaces for data and power - Part 2-3: Universal Serial Bus Cables and Connectors Class Document, Revision 2.0 (IEC 62680-2-3:2015)

Međunarodna normizacija
IEC

IEC 60603-7-81:2015
Connectors for electronic equipment - Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2000 MHz

IEC 63003:2015
Standard for the common test interface pin map configuration for high-density, single-tier electronics test requirements utilizing IEEE Std 1505

IEC 63004:2015
Standard for receiver fixture interface

31.240 Mehaničke konstrukcije za elektroničku opremu

Europska normizacija
CENELEC

EN 61837-3:2015
Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 3: Metal enclosures (IEC 61837-3:2015)

31.260 Optoelektronika. Laserska oprema

Europska normizacija
CEN

EN ISO 11810:2015
Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Primary ignition, penetration, flame spread and secondary ignition (ISO 11810:2015)

EN ISO 13694:2015
Optics and photonics - Lasers and laser-related equipment - Test methods for laser beam power (energy) density distribution (ISO 13694:2015)

Međunarodna normizacija
ISO

ISO 11810:2015
Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Primary ignition, penetration, flame spread and secondary ignition

IEC

IEC 62341-6-2:2015
Organic light emitting diode (OLED) displays - Part 6-2: Measuring methods of visual quality and ambient performance

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija
ETSI

ETSI TS 103222-3 V 1.1.1:2015
Speech and multimedia Transmission Quality (STQ) - Reference benchmarking, background traffic profiles and KPIs - Part 3: Reference benchmarking, background traffic profiles and KPIs for UMTS and VoLTE

ETSI TS 103222-4 V 1.1.1:2015
Speech and multimedia Transmission Quality (STQ) - Reference benchmarking, background traffic profiles and KPIs - Part 4: Reference benchmarking for IPTV, Web TV and RCS-e Video Share

33.040.20 Prijenosni sustavi

Europska normizacija
ETSI

ETSI GS mWT 006 V 1.1.1:2015
millimetre Wave Transmission (mWT) - Analysis of antennas for millimetre wave transmission

33.040.30 Komutacijski i signalizacijski sustavi

33.040.35 Telefonske mreže

Europska normizacija
ETSI

ETSI TS 102657 V 1.17.1:2015
Lawful Interception (LI) - Retained data handling - Handover interface for the request and delivery of retained data

33.040.40 Mreže za prijenos podataka

Europska normizacija
ETSI

ETSI TS 103378 V 1.1.1:2015
Smart Body Area Networks (SmartBAN) Unified data representation formats, semantic and open data model

ETSI GS NFV-EVE 005 V 1.1.1:2015
Network Functions Virtualisation (NFV) - Ecosystem - Report on SDN Usage in NFV Architectural Framework

ETSI GS NFV-IFA 001 V 1.1.1:2015
Network Functions Virtualisation (NFV) - Acceleration Technologies - Report on Acceleration Technologies & Use Cases

ETSI GS NFV-SEC 009 V 1.1.1:2015
Network Functions Virtualisation (NFV) - NFV Security - Report on use cases and technical approaches for multi-layer host administration

ETSI GS NFV-EVE 003 V 1.1.1:2016-01
Network Functions Virtualisation (NFV) – Ecosystem – Report on NFVI Node Physical Architecture Guidelines for Multi-Vendor Environment

33.040.60 Telekomunikacije putem elektroenergetskih vodova

Europska normizacija
CENELEC

EN 50561-3:2016-01
Power line communication apparatus used in low-voltage installations – Radio disturbance characteristics – Limits and methods of measurement – Part 3: Apparatus operating above 30 MHz

ETSI

ETSI TR 103343 V 1.1.1:2015
Power Line Telecommunications (PLT) - Powerline HDMIÂ® analysis for very short range link HD and UHD applications

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija
ETSI

ETSI TS 103202-1 V 1.1.1:2015-12
Core Network and Interoperability Testing (INT) – GTPv2-C Conformance Testing for S11 Interface – (3GPPTM Release 10) – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TS 103202-2 V 1.1.1:2015-12
Core Network and Interoperability Testing (INT) – GTPv2-C Conformance Testing for S11 Interface – (3GPPTM Release 10) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

ETSI TS 103202-3 V 1.1.1:2015-12
Core Network and Interoperability Testing (INT) – GTPv2-C Conformance Testing for S11 Interface – (3GPPTM Release 10) – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) pro forma specification

ETSI TR 103308 V 1.1.1:2016-01
CYBER – Security baseline regarding LI and RD for NFV and related platforms

ETSI TS 103374-2 V 1.1.1:2016-01
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Rf/Ro interface – (3GPPTM Release 10) – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)

33.050.01 Telekomunikacijska terminalna oprema općenito

Europska normizacija
CENELEC

EN 300019-2-3 V 2.4.1:2015-12
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-3: Specification of environmental tests – Stationary use at weatherprotected locations

EN 300019-2-4 V 2.4.1:2015-12
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-4: Specification of environmental tests – Stationary use at non-weatherprotected locations

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija
ETSI

EN 300225 V 1.5.1:2015
Electromagnetic compatibility and Radio spectrum Matters (ERM) - Technical characteristics and methods of measurement for survival craft portable VHF radiotelephone apparatus

EN 300676-2 V 2.1.1:2015
Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation - Part 2: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

EN 301178 V 2.1.1:2015
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

EN 301466 V 1.2.1:2015
Technical characteristics and methods of measurement for two-way VHF radiotelephone apparatus for fixed installation in survival craft

EN 301783 V 2.1.1:2016-01
Commercially available amateur radio equipment – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

EN 301908-13 V 7.1.1:2015-12
IMT cellular networks – Harmonised EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

33.060.40 Kabelski distribucijski sustavi

Međunarodna normizacija
IEC

IEC 60728-5:2015
Cable networks for television signals, sound signals and interactive services - Part 5: Headend equipment

33.060.99 Ostala oprema za radiokomunikacije

Europska normizacija
ETSI

EN 301025 V 2.1.1:2015-12
VHF radiotelephone equipment for general communications and associated equipment for Class 'D' Digital Selective Calling (DSC) – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of the Directive 2014/53/EU

33.070.01 Usluge pokretne mreže općenito

Europska normizacija
ETSI

EN 301908-13 V 7.1.1:2015-12
IMT cellular networks – Harmonised EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

33.070.10 Terestrijalni trunking radio (TETRA)

Europska normizacija
ETSI

EN 300392-3-1 V 1.4.1:2015
Terrestrial Trunked Radio (TETRA) - Voice plus Data (V+D) - Part 3: Interworking at the Inter-System Interface (ISI) - Sub-part 1: General design

ETSI TS 100392-2 V 3.7.1:2016-01
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 2: Air Interface (AI)

33.070.30 Digitalne poboljšane bežične telekomunikacije (DECT)

Europska normizacija
ETSI

ETSI TR 126905 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile stereoscopic 3D video (3GPP TR 26.905 version 13.0.0 Release 13)

ETSI TR 126923 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on media handling aspects of IP Multimedia Subsystem (IMS) based telepresence (3GPP TR 26.923 version 13.1.0 Release 13)

ETSI TR 126948 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Video enhancements for 3GPP Multimedia Services (3GPP TR 26.948 version 13.0.0 Release 13)

33.070.40 Sateliti

Europska normizacija
ETSI

ETSI TR 102353 V 1.2.1:2015
Satellite Earth Stations and Systems (SES) - Broadband Satellite Multimedia (BSM) - Guidelines for the Satellite Independent Service Access Point (SI-SAP)

ETSI TS 102460 V 1.2.1:2015
Satellite Earth Stations and Systems (SES) - Broadband Satellite Multimedia (BSM) - Address Management at the SI-SAP

ETSI TS 102464 V 1.2.1:2015
Satellite Earth Stations and Systems (SES) - Broadband Satellite Multimedia (BSM) - Interworking with DiffServ QoS

ETSI TS 103246-4 V 1.1.1 : 2016-01
Satellite Earth Stations and Systems (SES) – GNSS based location systems – Part 4: Requirements for location data exchange protocols

ETSI TS 103246-5 V 1.1.1 : 2016-01
Satellite Earth Stations and Systems (SES) – GNSS based location systems – Part 5: Performance Test Specification

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija
ETSI

ETSI TS 103328 V 1.1.1:2015
Railways Telecommunications (RT) - GPRS/EGPRS requirements for ETCS

ETSI TS 103389 V 3.0.1:2015
Railway Telecommunications (RT) - Global System for Mobile communications (GSM) - Usage of Session Initiation Protocol (SIP) on the Network Switching Subsystem (NSS) to Fixed Terminal Subsystem (FTS) interface for GSM Operation on Railways

EN 301908-2 V 7.1.1:2015-12
IMT cellular networks – Harmonised EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

ETSI TS 122053 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 1 (3GPP TS 22.053 version 13.0.0 Release 13)

ETSI TS 122057 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Execution Environment (MExE) – Service description – Stage 1 (3GPP TS 22.057 version 13.0.0 Release 13)

ETSI TS 122060 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 1 (3GPP TS 22.060 version 13.0.0 Release 13)

ETSI TS 122066 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of Mobile Number Portability (MNP) – Service description – Stage 1 (3GPP TS 22.066 version 13.0.0 Release 13)

ETSI TS 122067 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – enhanced Multi Level Precedence and Pre-emption service (eMLPP) – Stage 1 (3GPP TS 22.067 version 13.0.0 Release 13)

ETSI TS 122072 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) service description – Stage 1 (3GPP TS 22.072 version 13.0.0 Release 13)

ETSI TS 122076 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Noise suppression for the AMR codec – Service description – Stage 1 (3GPP TS 22.076 version 13.0.0 Release 13)

ETSI TS 122078 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) – Service description – Stage 1 (3GPP TS 22.078 version 13.0.0 Release 13)

ETSI TS 122079 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Optimal Routeing (SOR) – Service definition – Stage 1 (3GPP TS 22.079 version 13.0.0 Release 13)

ETSI TS 122081 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 1 (3GPP TS 22.081 version 13.0.0 Release 13)

ETSI TS 122082 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) Supplementary Services – Stage 1 (3GPP TS 22.082 version 13.0.0 Release 13)

ETSI TS 122083 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Waiting (CW) and Call Holding (HOLD) – Supplementary Services – Stage 1 (3GPP TS 22.083 version 13.0.0 Release 13)

ETSI TS 122084 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – MultiParty (MPTY) supplementary service – Stage 1 (3GPP TS 22.084 version 13.0.0 Release 13)

ETSI TS 122085 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary services – Stage 1 (3GPP TS 22.085 version 13.0.0 Release 13)

ETSI TS 122086 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 1 (3GPP TS 22.086 version 13.0.0 Release 13)

ETSI TS 122087 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – User-to-User Signalling (UUS) – Service description – Stage 1 (3GPP TS 22.087 version 13.0.0 Release 13)

ETSI TS 122088 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) supplementary services – Stage 1 (3GPP TS 22.088 version 13.0.0 Release 13)

ETSI TS 122090 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 1 (3GPP TS 22.090 version 13.0.0 Release 13)

ETSI TS 122091 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 1 (3GPP TS 22.091 version 13.0.0 Release 13)

ETSI TS 122093 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Completion of Calls to Busy Subscriber (CCBS) – Service description, Stage 1 (3GPP TS 22.093 version 13.0.0 Release 13)

ETSI TS 122094 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Follow Me service description – Stage 1 (3GPP TS 22.094 version 13.0.0 Release 13)

ETSI TS 122096 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name identification supplementary services – Stage 1 (3GPP TS 22.096 version 13.0.0 Release 13)

ETSI TS 122097 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multiple Subscriber Profile (MSP) Phase 2 – Service description – Stage 1 (3GPP TS 22.097 version 13.0.0 Release 13)

ETSI TS 122105 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Services and service capabilities (3GPP TS 22.105 version 13.0.0 Release 13)

ETSI TS 122129 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Handover requirements between UTRAN and GERAN or other radio systems (3GPP TS 22.129 version 13.0.0 Release 13)

ETSI TS 122135 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Multicall – Service description – Stage 1 (3GPP TS 22.135 version 13.0.0 Release 13)

ETSI TS 122140 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Messaging Service (MMS) – Stage 1 (3GPP TS 22.140 version 13.0.0 Release 13)

ETSI TS 122141 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Stage 1 (3GPP TS 22.141 version 13.0.0 Release 13)

ETSI TS 122146 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Stage 1 (3GPP TS 22.146 version 13.0.0 Release 13)

ETSI TS 122174 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Push Service – Service aspects – Stage 1 (3GPP TS 22.174 version 13.0.0 Release 13)

ETSI TS 122220 V 13.0.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 13.0.0 Release 13)

ETSI TS 122226 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Global Text Telephony (GTT) – Stage 1 (3GPP TS 22.226 version 13.0.0 Release 13)

ETSI TS 122233 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end packet-switched streaming service – Stage 1 (3GPP TS 22.233 version 13.0.0 Release 13)

ETSI TS 122234 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking (3GPP TS 22.234 version 13.0.0 Release 13)

ETSI TS 122240 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for 3GPP Generic User Profile (GUP) – Stage 1 (3GPP TS 22.240 version 13.0.0 Release 13)

ETSI TS 122242 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Digital Rights Management (DRM) – Stage 1 (3GPP TS 22.242 version 13.0.0 Release 13)

ETSI TS 122243 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech recognition framework for automated voice services – Stage 1 (3GPP TS 22.243 version 13.0.0 Release 13)

ETSI TS 122246 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) user services – Stage 1 (3GPP TS 22.246 version 13.0.0 Release 13)

ETSI TS 122250 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Group Management – Stage 1 (3GPP TS 22.250 version 13.0.0 Release 13)

ETSI TS 122259 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for Personal Network Management (PNM) – Stage 1 (3GPP TS 22.259 version 13.0.0 Release 13)

ETSI TS 122268 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Public Warning System (PWS) requirements (3GPP TS 22.268 version 13.0.0 Release 13)

ETSI TS 122279 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions – Stage 1 (3GPP TS 22.279 version 13.0.0 Release 13)

ETSI TS 122340 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging – Stage 1 (3GPP TS 22.340 version 13.0.0 Release 13)

ETSI TS 122519 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Business communication requirements (3GPP TS 22.519 version 13.0.0 Release 13)

ETSI TR 122903 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on Videotelephony teleservice (3GPP TR 22.903 version 13.0.0 Release 13)

ETSI TR 122906 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study on IMS based peer-to-peer content distribution services (3GPP TR 22.906 version 13.0.0 Release 13)

ETSI TR 122908 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study on Paging Permission with Access Control (PPAC) (3GPP TR 22.908 version 13.0.0 Release 13)

ETSI TR 122912 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study into network selection requirements for non-3GPP access (3GPP TR 22.912 version 13.0.0 Release 13)

ETSI TR 122934 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking (3GPP TR 22.934 version 13.0.0 Release 13)

ETSI TR 122935 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study on Location Services (LCS) for Wireless Local Area Network (WLAN) interworking (3GPP TR 22.935 version 13.0.0 Release 13)

ETSI TR 122936 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multi-system terminals (3GPP TR 22.936 version 13.0.0 Release 13)

ETSI TR 122937 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Requirements for service continuity between mobile and Wireless Local Area Network (WLAN) networks (3GPP TR 22.937 version 13.0.0 Release 13)

ETSI TR 122940 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging (3GPP TR 22.940 version 13.0.0 Release 13)

ETSI TR 122942 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on Value Added Services (VAS) for Short Message Service (SMS) (3GPP TR 22.942 version 13.0.0 Release 13)

ETSI TR 122944 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Report on service requirements for UE functionality split (3GPP TR 22.944 version 13.0.0 Release 13)

ETSI TR 122947 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Study on Personal Broadcast Service (PBS) (3GPP TR 22.947 version 13.0.0 Release 13)

ETSI TR 122948 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of requirements of IP-Multimedia Subsystem (IMS) convergent multimedia conferencing (3GPP TR 22.948 version 13.0.0 Release 13)

ETSI TR 122949 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on a generalized privacy capability (3GPP TR 22.949 version 13.0.0 Release 13)

ETSI TR 122950 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Priority service feasibility study (3GPP TR 22.950 version 13.0.0 Release 13)

ETSI TR 122951 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects and requirements for network sharing (3GPP TR 22.951 version 13.0.0 Release 13)

ETSI TR 122952 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Priority service guide (3GPP TR 22.952 version 13.0.0 Release 13)

ETSI TR 122953 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia priority service feasibility study (3GPP TR 22.953 version 13.0.0 Release 13)

ETSI TR 122967 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Transferring of emergency call data (3GPP TR 22.967 version 13.0.0 Release 13)

ETSI TR 122968 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study for requirements for a Public Warning System (PWS) service (3GPP TR 22.968 version 13.0.0 Release 13)

ETSI TR 122973 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Multimedia Telephony service – and supplementary services (3GPP TR 22.973 version 13.0.0 Release 13)

ETSI TR 122977 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study for speech-enabled services (3GPP TR 22.977 version 13.0.0 Release 13)

ETSI TR 122978 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – All-IP network (AIPN) feasibility study (3GPP TR 22.978 version 13.0.0 Release 13)

ETSI TR 122979 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions (3GPP TR 22.979 version 13.0.0 Release 13)

ETSI TR 122980 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network composition feasibility study (3GPP TR 22.980 version 13.0.0 Release 13)

ETSI TR 122982 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 13.0.0 Release 13)

ETSI TR 122983 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Services alignment and migration (3GPP TR 22.983 version 13.0.0 Release 13)

ETSI TR 122985 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Service requirements for the User Data Convergence (UDC) (3GPP TR 22.985 version 13.0.0 Release 13)

ETSI TR 122986 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Study on Service Specific Access Control (3GPP TR 22.986 version 13.0.0 Release 13)

ETSI TR 122987 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of haptic services requirements (3GPP TR 22.987 version 13.0.0 Release 13)

ETSI TR 122988 V 13.0.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study on alternatives to E.164 for Machine-Type Communications (MTC) (3GPP TR 22.988 version 13.0.0 Release 13)

ETSI TS 123007 V 12.9.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Restoration procedures (3GPP TS 23.007 version 12.9.0 Release 12)

ETSI TS 123009 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 13.0.0 Release 13)

ETSI TS 123011 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Supplementary Services (3GPP TS 23.011 version 13.0.0 Release 13)

ETSI TS 123012 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location management procedures (3GPP TS 23.012 version 13.0.0 Release 13)

ETSI TS 123015 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Operator Determined Barring (ODB) (3GPP TS 23.015 version 13.0.0 Release 13)

ETSI TS 123016 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Subscriber data management – Stage 2 (3GPP TS 23.016 version 13.0.0 Release 13)

ETSI TS 123018 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Basic call handling – Technical realization (3GPP TS 23.018 version 13.0.0 Release 13)

ETSI TS 123031 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – 3G Security – Fraud Information Gathering System (FIGS) – Technical realization – Stage 2 (3GPP TS 23.031 version 13.0.0 Release 13)

ETSI TS 123032 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Universal Geographical Area Description (GAD) (3GPP TS 23.032 version 13.0.0 Release 13)

ETSI TS 123035 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Immediate Service Termination (IST) – Stage 2 (3GPP TS 23.035 version 13.0.0 Release 13)

ETSI TS 123053 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 2 (3GPP TS 23.053 version 13.0.0 Release 13)

ETSI TS 123057 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Execution Environment (MExE) – Functional description – Stage 2 (3GPP TS 23.057 version 13.0.0 Release 13)

ETSI TS 123066 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Mobile Number Portability (MNP) – Technical realization – Stage 2 (3GPP TS 23.066 version 13.0.0 Release 13)

ETSI TS 123067 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) – Stage 2 (3GPP TS 23.067 version 13.0.0 Release 13)

ETSI TS 123072 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) supplementary service – Stage 2 (3GPP TS 23.072 version 13.0.0 Release 13)

ETSI TS 123078 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4 – Stage 2 (3GPP TS 23.078 version 13.0.0 Release 13)

ETSI TS 123079 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Optimal Routeing (SOR) – Technical realization (3GPP TS 23.079 version 13.0.0 Release 13)

ETSI TS 123081 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 2 (3GPP TS 23.081 version 13.0.0 Release 13)

ETSI TS 123082 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) supplementary services – Stage 2 (3GPP TS 23.082 version 13.0.0 Release 13)

ETSI TS 123083 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Waiting (CW) and Call Hold (HOLD) supplementary services – Stage 2 (3GPP TS 23.083 version 13.0.0 Release 13)

ETSI TS 123084 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multi Party (MPTY) supplementary service – Stage 2 (3GPP TS 23.084 version 13.0.0 Release 13)

ETSI TS 123085 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary service – Stage 2 (3GPP TS 23.085 version 13.0.0 Release 13)

ETSI TS 123086 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 2 (3GPP TS 23.086 version 13.0.0 Release 13)

ETSI TS 123087 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – User-to-User Signalling (UUS) supplementary service – Stage 2 (3GPP TS 23.087 version 13.0.0 Release 13)

ETSI TS 123088 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) Supplementary Services – Stage 2 (3GPP TS 23.088 version 13.0.0 Release 13)

ETSI TS 123090 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 2 (3GPP TS 23.090 version 13.0.0 Release 13)

ETSI TS 123091 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 2 (3GPP TS 23.091 version 13.0.0 Release 13)

ETSI TS 123093 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Completion of Calls to Busy Subscriber (CCBS) – Stage 2 (3GPP TS 23.093 version 13.0.0 Release 13)

ETSI TS 123094 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Follow-Me (FM) – Stage 2 (3GPP TS 23.094 version 13.0.0 Release 13)

ETSI TS 123096 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name identification supplementary services – Stage 2 (3GPP TS 23.096 version 13.0.0 Release 13)

ETSI TS 123097 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multiple Subscriber Profile (MSP) (Phase X) – Stage 2 (3GPP TS 23.097 version 13.0.0 Release 13)

ETSI TS 123101 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – General Universal Mobile Telecommunications System (UMTS) architecture (3GPP TS 23.101 version 13.0.0 Release 13)

ETSI TS 123107 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 13.0.0 Release 13)

ETSI TS 123110 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Mobile Telecommunications System (UMTS) access stratum – Services and functions (3GPP TS 23.110 version 13.0.0 Release 13)

ETSI TS 123116 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Super-Charger technical realization – Stage 2 (3GPP TS 23.116 version 13.0.0 Release 13)

ETSI TS 123119 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Gateway Location Register (GLR) – Stage 2 (3GPP TS 23.119 version 13.0.0 Release 13)

ETSI TS 123135 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Multicall supplementary service – Stage 2 (3GPP TS 23.135 version 13.0.0 Release 13)

ETSI TS 123139 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Stage 2 (3GPP TS 23.139 version 13.0.0 Release 13)

ETSI TS 123141 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Architecture and functional description (3GPP TS 23.141 version 13.0.0 Release 13)

ETSI TS 123142 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Value-added Services for SMS (VAS4SMS) – Interface and signalling flow (3GPP TS 23.142 version 13.0.0 Release 13)

ETSI TS 123146 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Technical realization of facsimile Group 3 non-transparent (3GPP TS 23.146 version 13.0.0 Release 13)

ETSI TS 123172 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Technical realization of Circuit Switched (CS) multimedia service UDI/RDI fallback and service modification – Stage 2 (3GPP TS 23.172 version 13.0.0 Release 13)

ETSI TS 123202 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Circuit switched data bearer services (3GPP TS 23.202 version 13.0.0 Release 13)

ETSI TS 123204 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access – Stage 2 (3GPP TS 23.204 version 13.0.0 Release 13)

ETSI TS 123205 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Bearer-independent circuit-switched core network – Stage 2 (3GPP TS 23.205 version 13.0.0 Release 13)

ETSI TS 123207 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – End-to-end Quality of Service (QoS) concept and architecture (3GPP TS 23.207 version 13.0.0 Release 13)

ETSI TS 123226 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Global text telephony (GTT) – Stage 2 (3GPP TS 23.226 version 13.0.0 Release 13)

ETSI TS 123231 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – SIP-I based circuit-switched core network – Stage 2 (3GPP TS 23.231 version 13.0.0 Release 13)

ETSI TS 123240 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Architecture (Stage 2) (3GPP TS 23.240 version 13.0.0 Release 13)

ETSI TS 123261 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP flow mobility and seamless Wireless Local Area Network (WLAN) offload – Stage 2 (3GPP TS 23.261 version 13.0.0 Release 13)

ETSI TS 123278 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4 – Stage 2 – IM CN Interworking (3GPP TS 23.278 version 13.0.0 Release 13)

ETSI TS 123279 V 13.0.0: 016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 2 (3GPP TS 23.279 version 13.0.0 Release 13)

ETSI TS 123284 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Local Call Local Switch (LCLS) – Stage 2 (3GPP TS 23.284 version 13.0.0 Release 13)

ETSI TS 123327 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility between 3GPP-Wireless Local Area Network (WLAN) interworking and 3GPP systems (3GPP TS 23.327 version 13.0.0 Release 13)

ETSI TS 123333 V 12.7.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 12.7.0 Release 12)

ETSI TS 123334 V 12.9.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 12.9.0 Release 12)

ETSI TS 123334 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 13.4.0 Release 13)

ETSI TS 123335 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Data Convergence (UDC) – Technical realization and information flows – Stage 2 (3GPP TS 23.335 version 13.0.0 Release 13)

ETSI TS 123380 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 13.1.0 Release 13)

ETSI TR 123903 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Redial solution for voice-video switching (3GPP TR 23.903 version 13.0.0 Release 13)

ETSI TR 123919 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Direct tunnel deployment guideline (3GPP TR 23.919 version 13.0.0 Release 13)

ETSI TR 123924 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Feasibility study on Non-Access Stratum (NAS) node selection function above Base Station Controller (BSC) / Radio Network Controller (RNC) (3GPP TR 23.924 version 13.0.0 Release 13)

ETSI TR 123975 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IPv6 migration guidelines (3GPP TR 23.975 version 13.0.0 Release 13)

ETSI TR 123976 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Push architecture (3GPP TR 23.976 version 13.0.0 Release 13)

ETSI TR 123977 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks (3GPP TR 23.977 version 13.0.0 Release 13)

ETSI TR 123979 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP enablers for Open Mobile Alliance (OMA) – Push-to-talk over Cellular (PoC) services – Stage 2 (3GPP TR 23.979 version 13.0.0 Release 13)

ETSI TR 123981 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations (3GPP TR 23.981 version 13.0.0 Release 13)

ETSI TS 124008 V 12.12.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 12.12.0 Release 12)

ETSI TS 124008 V 13.4.0:2016-01
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 13.4.0 Release 13)

ETSI TS 124010 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface layer 3 – Supplementary services specification – General aspects (3GPP TS 24.010 version 13.0.0 Release 13)

ETSI TS 124022 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Radio Link Protocol (RLP) for circuit switched bearer and teleservices (3GPP TS 24.022 version 13.0.0 Release 13)

ETSI TS 124030 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Supplementary service operations – Stage 3 (3GPP TS 24.030 version 13.0.0 Release 13)

ETSI TS 124067 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) – Stage 3 (3GPP TS 24.067 version 13.0.0 Release 13)

ETSI TS 124072 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) supplementary service – Stage 3 (3GPP TS 24.072 version 13.0.0 Release 13)

ETSI TS 124080 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile radio interface layer 3 supplementary services specification – Formats and coding (3GPP TS 24.080 version 13.0.0 Release 13)

ETSI TS 124081 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 3 (3GPP TS 24.081 version 13.0.0 Release 13)

ETSI TS 124082 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) supplementary services – Stage 3 (3GPP TS 24.082 version 13.0.0 Release 13)

ETSI TS 124083 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Waiting (CW) and Call Hold (HOLD) supplementary services – Stage 3 (3GPP TS 24.083 version 13.0.0 Release 13)

ETSI TS 124084 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multi Party (MPTY) supplementary service – Stage 3 (3GPP TS 24.084 version 13.0.0 Release 13)

ETSI TS 124085 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary service – Stage 3 (3GPP TS 24.085 version 13.0.0 Release 13)

ETSI TS 124086 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 3 (3GPP TS 24.086 version 13.0.0 Release 13)

ETSI TS 124087 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – User-to-User Signalling (UUS) Supplementary Service – Stage 3 (3GPP TS 24.087 version 13.0.0 Release 13)

ETSI TS 124088 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) supplementary service – Stage 3 (3GPP TS 24.088 version 13.0.0 Release 13)

ETSI TS 124090 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 3 (3GPP TS 24.090 version 13.0.0 Release 13)

ETSI TS 124091 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 3 (3GPP TS 24.091 version 13.0.0 Release 13)

ETSI TS 124093 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Completion of Calls to Busy Subscriber (CCBS) – Stage 3 (3GPP TS 24.093 version 13.0.0 Release 13)

ETSI TS 124096 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name Identification supplementary services – Stage 3 (3GPP TS 24.096 version 13.0.0 Release 13)

ETSI TS 124135 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Multicall supplementary service – Stage 3 (3GPP TS 24.135 version 13.0.0 Release 13)

ETSI TS 124166 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP IP Multimedia Subsystem (IMS) conferencing Management Object (MO) (3GPP TS 24.166 version 13.0.0 Release 13)

ETSI TS 124171 V 13.0.0:2016-01
LTE – Control Plane Location Services (LCS) procedures in the Evolved Packet System (EPS) (3GPP TS 24.171 version 13.0.0 Release 13)

ETSI TS 124183 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 13.0.0 Release 13)

ETSI TS 124216 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Communication Continuity Management Object (MO) (3GPP TS 24.216 version 13.0.0 Release 13)

ETSI TS 124229 V 8.33.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 8.33.0 Release 8)

ETSI TS 124229 V 9.25.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 9.25.0 Release 9)

ETSI TS 124229 V 10.21.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 10.21.0 Release 10)

ETSI TS 124229 V 11.18.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 11.18.0 Release 11)

ETSI TS 124229 V 12.11.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 12.11.0 Release 12)

ETSI TS 124229 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 13.4.0 Release 13)

ETSI TS 124237 V 10.20.0:2016-01
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 10.20.0 Release 10)

ETSI TS 124237 V 11.16.0:2016-01
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 11.16.0 Release 11)

ETSI TS 124237 V 12.11.0:2016-01
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 12.11.0 Release 12)

ETSI TS 124237 V 13.3.0:2016-01
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 13.3.0 Release 13)

ETSI TS 124238 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Session Initiation Protocol (SIP) based user configuration – Stage 3 (3GPP TS 24.238 version 13.0.0 Release 13)

ETSI TS 124239 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Flexible Alerting (FA) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.239 version 13.0.0 Release 13)

ETSI TS 124247 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.247 version 13.0.0 Release 13)

ETSI TS 124279 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 3 (3GPP TS 24.279 version 13.0.0 Release 13)

ETSI TS 124285 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Allowed Closed Subscriber Group (CSG) list – Management Object (MO) (3GPP TS 24.285 version 13.0.0 Release 13)

ETSI TS 124286 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Management Object (MO) (3GPP TS 24.286 version 13.0.0 Release 13)

ETSI TS 124294 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Centralized Services (ICS) protocol via I1 interface (3GPP TS 24.294 version 13.0.0 Release 13)

ETSI TS 124301 V 12.11.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 12.11.0 Release 12)

ETSI TS 124301 V 13.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 13.4.0 Release 13)

ETSI TS 124302 V 12.11.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks – Stage 3 (3GPP TS 24.302 version 12.11.0 Release 12)

ETSI TS 124302 V 13.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks – Stage 3 (3GPP TS 24.302 version 13.4.0 Release 13)

ETSI TS 124303 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility management based on Dual-Stack Mobile IPv6 – StageÂ†3 (3GPP TS 24.303 version 13.0.0 Release 13)

ETSI TS 124304 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility management based on Mobile IPv4 – User Equipment (UE) – foreign agent interface – Stage 3 (3GPP TS 24.304 version 13.0.0 Release 13)

ETSI TS 124305 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Selective Disabling of 3GPP User Equipment Capabilities (SDoUE) Management Object (MO) (3GPP TS 24.305 version 13.0.0 Release 13)

ETSI TS 124312 V 12.11.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 12.11.0 Release 12)

ETSI TS 124312 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 13.1.0 Release 13)

ETSI TS 124315 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB) – Stage 3: protocol specification (3GPP TS 24.315 version 13.0.0 Release 13)

ETSI TS 124323 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO) (3GPP TS 24.323 version 13.0.0 Release 13)

ETSI TS 124333 V 12.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) Management Objects (MO) (3GPP TS 24.333 version 12.4.0 Release 12)

ETSI TS 124333 V 13.1.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) Management Objects (MO) (3GPP TS 24.333 version 13.1.0 Release 13)

ETSI TS 124334 V 12.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects – Stage 3 (3GPP TS 24.334 version 12.5.0 Release 12)

ETSI TS 124334 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects – Stage 3 (3GPP TS 24.334 version 13.2.0 Release 13)

ETSI TS 124337 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer – Stage 3 (3GPP TS 24.337 version 13.0.0 Release 13)

ETSI TS 124341 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 13.0.0 Release 13)

ETSI TS 124390 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS – Stage 3 (3GPP TS 24.390 version 13.0.0 Release 13)

ETSI TS 124391 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem (IMS) Management Object (MO) (3GPP TS 24.391 version 13.0.0 Release 13)

ETSI TS 124503 V 8.20.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPAN – IP Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) Stage 3 [3GPP TS 24.229 (Release 7), modified] (3GPP TS 24.503 version 8.20.0 Release 8)

ETSI TS 124523 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Core and enterprise Next Generation Network (NGN) interaction scenarios – Architecture and functional description (3GPP TS 24.523 version 13.0.0 Release 13)

ETSI TS 124524 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Hosted enterprise services – Architecture, functional description and signalling (3GPP TS 24.524 version 13.0.0 Release 13)

ETSI TS 124605 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.605 version 13.0.0 Release 13)

ETSI TS 124606 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 13.0.0 Release 13)

ETSI TS 124608 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.608 version 13.0.0 Release 13)

ETSI TS 124616 V 13.0.0 : 2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.616 version 13.0.0 Release 13)

ETSI TS 124623 V 12.7.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 version 12.7.0 Release 12)

ETSI TS 124623 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 version 13.1.0 Release 13)

ETSI TS 124629 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 13.0.0 Release 13)

ETSI TS 124642 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.642 version 13.0.0 Release 13)

ETSI TS 124647 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Advice Of Charge (AOC) using IP Multimedia (IM) Core Network (CN) subsystem (3GPP TS 24.647 version 13.0.0 Release 13)

ETSI TS 124654 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification (3GPP TS 24.654 version 13.0.0 Release 13)

ETSI TR 124930 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Signalling flows for the session setup in the IP Multimedia core network Subsystem (IMS) based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TR 24.930 version 13.0.0 Release 13)

ETSI TS 125101 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 13.1.0 Release 13)

ETSI TS 125102 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 13.0.0 Release 13)

ETSI TS 125104 V 11.12.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 11.12.0 Release 11)

ETSI TS 125104 V 12.7.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 12.7.0 Release 12)

ETSI TS 125104 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 13.1.0 Release 13)

ETSI TS 125105 V 11.9.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 11.9.0 Release 11)

ETSI TS 125105 V 12.2.1 : 2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 12.2.1 Release 12)

ETSI TS 125105 V 13.0.1:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 13.0.1 Release 13)

ETSI TS 125106 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (3GPP TS 25.106 version 13.0.0 Release 13)

ETSI TS 125111 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Location Measurement Unit (LMU) performance specification – User Equipment (UE) positioning in UTRAN (3GPP TS 25.111 version 13.0.0 Release 13)

ETSI TS 125113 V 13.0.1:2016-01
Universal Mobile Telecommunications System (UMTS) – Base station (BS) and repeater electromagnetic compatibility (EMC) (3GPP TS 25.113 version 13.0.1 Release 13)

ETSI TS 125116 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (LCR TDD) (3GPP TS 25.116 version 13.0.0 Release 13)

ETSI TS 125123 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (TDD) (3GPP TS 25.123 version 13.0.0 Release 13)

ETSI TS 125141 V 11.12.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 11.12.0 Release 11)

ETSI TS 125141 V 12.8.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 12.8.0 Release 12)

ETSI TS 125141 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 13.1.0 Release 13)

ETSI TS 125142 V 11.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 11.5.0 Release 11)

ETSI TS 125142 V 12.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 12.2.0 Release 12)

ETSI TS 125142 V 13.0.1:2016-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 13.0.1 Release 13)

ETSI TS 125143 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (3GPP TS 25.143 version 13.0.0 Release 13)

ETSI TS 125153 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (LCR TDD) (3GPP TS 25.153 version 13.0.0 Release 13)

ETSI TS 125171 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Global Positioning System (A-GPS) – Frequency Division Duplex (FDD) (3GPP TS 25.171 version 13.0.0 Release 13)

ETSI TS 125172 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Frequency Division Duplex (FDD) (3GPP TS 25.172 version 13.0.0 Release 13)

ETSI TS 125173 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Time Division Duplex (TDD) (3GPP TS 25.173 version 13.0.0 Release 13)

ETSI TS 125201 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Physical layer – general description (3GPP TS 25.201 version 13.0.0 Release 13)

ETSI TS 125202 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – 7.68 Mcps Time Division Duplex (TDD) option – Overall description: Stage 2 (3GPP TS 25.202 version 13.0.0 Release 13)

ETSI TS 125213 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Spreading and modulation (FDD) (3GPP TS 25.213 version 13.0.0 Release 13)

ETSI TS 125214 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (FDD) (3GPP TS 25.214 version 13.1.0 Release 13)

ETSI TS 125215 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Physical layer – Measurements (FDD) (3GPP TS 25.215 version 13.0.0 Release 13)

ETSI TS 125221 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Physical channels and mapping of transport channels onto physical channels (TDD) (3GPP TS 25.221 version 13.0.0 Release 13)

ETSI TS 125222 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (TDD) (3GPP TS 25.222 version 13.0.0 Release 13)

ETSI TS 125223 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Spreading and modulation (TDD) (3GPP TS 25.223 version 13.0.0 Release 13)

ETSI TS 125224 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (TDD) (3GPP TS 25.224 version 13.0.0 Release 13)

ETSI TS 125225 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Physical layer – Measurements (TDD) (3GPP TS 25.225 version 13.0.0 Release 13)

ETSI TS 125300 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – Universal Terrestrial Radio Access Network (UTRAN) – General description – Stage 2 (3GPP TS 25.300 version 13.0.0 Release 13)

ETSI TS 125301 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Radio interface protocol architecture (3GPP TS 25.301 version 13.0.0 Release 13)

ETSI TS 125302 V 10.3.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Services provided by the physical layer (3GPP TS 25.302 version 10.3.0 Release 10)

ETSI TS 125302 V 11.6.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Services provided by the physical layer (3GPP TS 25.302 version 11.6.0 Release 11)

ETSI TS 125302 V 12.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Services provided by the physical layer (3GPP TS 25.302 version 12.2.0 Release 12)

ETSI TS 125302 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Services provided by the physical layer (3GPP TS 25.302 version 13.1.0 Release 13)

ETSI TS 125303 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Interlayer procedures in Connected Mode (3GPP TS 25.303 version 13.0.0 Release 13)

ETSI TS 125304 V 12.7.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 12.7.0 Release 12)

ETSI TS 125304 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 13.0.0 Release 13)

ETSI TS 125305 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Stage 2 functional specification of User Equipment (UE) positioning in UTRAN (3GPP TS 25.305 version 13.0.0 Release 13)

ETSI TS 125306 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities (3GPP TS 25.306 version 13.0.0 Release 13)

ETSI TS 125307 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 13.0.0 Release 13)

ETSI TS 125308 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – High Speed Downlink Packet Access (HSDPA) – Overall description – Stage 2 (3GPP TS 25.308 version 13.1.0 Release 13)

ETSI TS 125319 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Enhanced uplink – Overall description – Stage 2 (3GPP TS 25.319 version 13.0.0 Release 13)

ETSI TS 125321 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 13.1.0 Release 13)

ETSI TS 125322 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Radio Link Control (RLC) protocol specification (3GPP TS 25.322 version 13.0.0 Release 13)

ETSI TS 125323 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 25.323 version 13.0.0 Release 13)

ETSI TS 125324 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Broadcast/Multicast Control (BMC) (3GPP TS 25.324 version 13.0.0 Release 13)

ETSI TS 125346 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN) – Stage 2 (3GPP TS 25.346 version 13.0.0 Release 13)

ETSI TS 125367 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Mobility procedures for Home Node B (HNB) – Overall description – Stage 2 (3GPP TS 25.367 version 13.0.0 Release 13)

ETSI TS 125401 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN overall description (3GPP TS 25.401 version 13.0.0 Release 13)

ETSI TS 125402 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 13.0.0 Release 13)

ETSI TS 125410 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface: General aspects and principles (3GPP TS 25.410 version 13.0.0 Release 13)

ETSI TS 125411 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface layer 1 (3GPP TS 25.411 version 13.0.0 Release 13)

ETSI TS 125412 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface signalling transport (3GPP TS 25.412 version 13.0.0 Release 13)

ETSI TS 125413 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 13.0.0 Release 13)

ETSI TS 125414 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface data transport and transport signalling (3GPP TS 25.414 version 13.0.0 Release 13)

ETSI TS 125415 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface user plane protocols (3GPP TS 25.415 version 13.0.0 Release 13)

ETSI TS 125419 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) (3GPP TS 25.419 version 13.0.0 Release 13)

ETSI TS 125420 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface general aspects and principles (3GPP TS 25.420 version 13.0.0 Release 13)

ETSI TS 125421 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface layer 1 (3GPP TS 25.421 version 13.0.0 Release 13)

ETSI TS 125422 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface signalling transport (3GPP TS 25.422 version 13.0.0 Release 13)

ETSI TS 125423 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 13.1.0 Release 13)

ETSI TS 125424 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams (3GPP TS 25.424 version 13.0.0 Release 13)

ETSI TS 125425 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.425 version 13.0.0 Release 13)

ETSI TS 125426 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams (3GPP TS 25.426 version 13.0.0 Release 13)

ETSI TS 125427 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub/Iur interface user plane protocol for DCH data streams (3GPP TS 25.427 version 13.0.0 Release 13)

ETSI TS 125430 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub Interface: general aspects and principles (3GPP TS 25.430 version 13.0.0 Release 13)

ETSI TS 125431 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 13.0.0 Release 13)

ETSI TS 125432 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface: signalling transport (3GPP TS 25.432 version 13.0.0 Release 13)

ETSI TS 125433 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 13.1.0 Release 13)

ETSI TS 125434 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams (3GPP TS 25.434 version 13.0.0 Release 13)

ETSI TS 125435 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.435 version 13.0.0 Release 13)

ETSI TS 125442 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN implementation-specific O&M transport (3GPP TS 25.442 version 13.0.0 Release 13)

ETSI TS 125444 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Iuh data transport (3GPP TS 25.444 version 13.0.0 Release 13)

ETSI TS 125446 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – MBMS synchronisation protocol (SYNC) (3GPP TS 25.446 version 13.0.0 Release 13)

ETSI TS 125450 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface general aspects and principles (3GPP TS 25.450 version 13.0.0 Release 13)

ETSI TS 125451 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface layer 1 (3GPP TS 25.451 version 13.0.0 Release 13)

ETSI TS 125452 V 13.0.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface: signalling transport (3GPP TS 25.452 version 13.0.0 Release 13)

ETSI TS 125453 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling (3GPP TS 25.453 version 13.0.0 Release 13)

ETSI TS 125460 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: General aspects and principles (3GPP TS 25.460 version 13.0.0 Release 13)

ETSI TS 125461 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: Layer 1 (3GPP TS 25.461 version 13.0.0 Release 13)

ETSI TS 125462 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: Signalling transport (3GPP TS 25.462 version 13.0.0 Release 13)

ETSI TS 125466 V 13.0.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: Application part (3GPP TS 25.466 version 13.0.0 Release 13)
ETSI TS 125467 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 13.0.0 Release 13)

ETSI TS 125468 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh Interface RANAP User Adaption (RUA) signalling (3GPP TS 25.468 version 13.0.0 Release 13)

ETSI TS 125469 V 13.0.1:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh interface Home Node B (HNB) Application Part (HNBAP) signalling (3GPP TS 25.469 version 13.0.1 Release 13)

ETSI TS 125470 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh Interface PCAP User Adaption (PUA) signalling (3GPP TS 25.470 version 13.0.0 Release 13)

ETSI TS 125471 V 13.0.1:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN Iurh interface Radio Network Subsystem Application Part (RNSAP) User Adaption (RNA) signalling (3GPP TS 25.471 version 13.0.1 Release 13)

ETSI TS 125484 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Automatic Neighbour Relation (ANR) for UTRAN – Stage 2 (3GPP TS 25.484 version 13.0.0 Release 13)

ETSI TR 125903 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Continuous connectivity for packet data users (3GPP TR 25.903 version 13.0.0 Release 13)

ETSI TR 125906 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Dynamically reconfiguring a Frequency Division Duplex (FDD) User Equipment (UE) receiver to reduce power consumption when desired Quality of Service (QoS) is met (3GPP TR 25.906 version 13.0.0 Release 13)

ETSI TR 125912 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN) (3GPP TR 25.912 version 13.0.0 Release 13)

ETSI TR 125914 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Measurements of radio performances for UMTS terminals in speech mode (3GPP TR 25.914 version 13.0.0 Release 13)

ETSI TR 125927 V 13.0.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – Solutions for energy saving within UTRA Node B (3GPP TR 25.927 version 13.0.0 Release 13)

ETSI TR 125929 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Continuous connectivity for packet data users – 1.28 Mcps TDD (3GPP TR 25.929 version 13.0.0 Release 13)

ETSI TR 125931 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – UTRAN functions, examples on signalling procedures (3GPP TR 25.931 version 13.0.0 Release 13)

ETSI TR 125942 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Radio Frequency (RF) system scenarios (3GPP TR 25.942 version 13.0.0 Release 13)

ETSI TR 125943 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Deployment aspects (3GPP TR 25.943 version 13.0.0 Release 13)

ETSI TR 125951 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – FDD Base Station (BS) classification (3GPP TR 25.951 version 13.0.0 Release 13)

ETSI TR 125956 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis (3GPP TR 25.956 version 13.0.0 Release 13)

ETSI TR 125963 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Feasibility study on interference cancellation for UTRA FDD User Equipment (UE) (3GPP TR 25.963 version 13.0.0 Release 13)

ETSI TR 125967 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Home Node B (HNB) Radio Frequency (RF) requirements (FDD) (3GPP TR 25.967 version 13.0.0 Release 13)

ETSI TR 125968 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – 1.28 Mcps TDD Home NodeB Radio Frequency (RF) (3GPP TR 25.968 version 13.0.0 Release 13)

ETSI TR 125992 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multimedia Broadcast/Multicast Service (MBMS) – UTRAN/GERAN requirements (3GPP TR 25.992 version 13.0.0 Release 13)

ETSI TR 125993 V 13.0.1:2016-01
Universal Mobile Telecommunications System (UMTS) – Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) (3GPP TR 25.993 version 13.0.1 Release 13)

ETSI TR 125996 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Spatial channel model for Multiple Input Multiple Output (MIMO) simulations (3GPP TR 25.996 version 13.0.0 Release 13)

ETSI TS 126071 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech CODEC speech processing functions – AMR speech Codec – General description (3GPP TS 26.071 version 13.0.0 Release 13)

ETSI TS 126073 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the Adaptive Multi Rate (AMR) speech codec (3GPP TS 26.073 version 13.0.0 Release 13)

ETSI TS 126074 V 13.0.0 : 2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec test sequences (3GPP TS 26.074 version 13.0.0 Release 13)

ETSI TS 126077 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Minimum performance requirements for noise suppresser – Application to the Adaptive Multi-Rate (AMR) speech encoder (3GPP TS 26.077 version 13.0.0 Release 13)

ETSI TS 126090 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Transcoding functions (3GPP TS 26.090 version 13.0.0 Release 13)

ETSI TS 126091 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Error concealment of lost frames (3GPP TS 26.091 version 13.0.0 Release 13)

ETSI TS 126092 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Comfort noise aspects (3GPP TS 26.092 version 13.0.0 Release 13)

ETSI TS 126093 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec – Source controlled rate operation (3GPP TS 26.093 version 13.0.0 Release 13)

ETSI TS 126094 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.094 version 13.0.0 Release 13)

ETSI TS 126101 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec frame structure (3GPP TS 26.101 version 13.0.0 Release 13)

ETSI TS 126102 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec – Adaptive Multi-Rate (AMR) speech codec – Interface to Iu, Uu and Nb (3GPP TS 26.102 version 13.0.0 Release 13)

ETSI TS 126103 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Speech codec list for GSM and UMTS (3GPP TS 26.103 version 13.0.0 Release 13)

ETSI TS 126104 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec (3GPP TS 26.104 version 13.0.0 Release 13)

ETSI TS 126110 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – General description (3GPP TS 26.110 version 13.0.0 Release 13)

ETSI TS 126111 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – Modifications to H.324 (3GPP TS 26.111 version 13.0.0 Release 13)

ETSI TS 126114 V 12.12.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 12.12.0 Release 12)

ETSI TS 126114 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 13.2.0 Release 13)

ETSI TS 126115 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Echo control for speech and multimedia services (3GPP TS 26.115 version 13.0.0 Release 13)

ETSI TS 126131 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 13.1.0 Release 13)

ETSI TS 126132 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 13.1.0 Release 13)

ETSI TS 126140 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Messaging Service (MMS) – Media formats and codecs (3GPP TS 26.140 version 13.0.0 Release 13)

ETSI TS 126141 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia System (IMS) Messaging and Presence – Media formats and codecs (3GPP TS 26.141 version 13.0.0 Release 13)

ETSI TS 126142 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Dynamic and Interactive Multimedia Scenes (DIMS) (3GPP TS 26.142 version 13.0.0 Release 13)

ETSI TS 126150 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Syndicated Feed Reception (SFR) within 3GPP environments – Protocols and codecs (3GPP TS 26.150 version 13.0.0 Release 13)

ETSI TS 126171 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – General description (3GPP TS 26.171 version 13.0.0 Release 13)

ETSI TS 126173 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the Adaptive Multi-Rate – Wideband (AMR-WB) speech codec (3GPP TS 26.173 version 13.0.0 Release 13)

ETSI TS 126174 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec test sequences (3GPP TS 26.174 version 13.0.0 Release 13)

ETSI TS 126177 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Speech Enabled Services (SES) – Distributed Speech Recognition (DSR) extended advanced front-end test sequences (3GPP TS 26.177 version 13.0.0 Release 13)

ETSI TS 126190 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Transcoding functions (3GPP TS 26.190 version 13.0.0 Release 13)

ETSI TS 126191 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Error concealment of erroneous or lost frames (3GPP TS 26.191 version 13.0.0 Release 13)

ETSI TS 126192 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Comfort noise aspects (3GPP TS 26.192 version 13.0.0 Release 13)

ETSI TS 126193 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Source controlled rate operation (3GPP TS 26.193 version 13.0.0 Release 13)

ETSI TS 126194 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.194 version 13.0.0 Release 13)

ETSI TS 126201 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Frame structure (3GPP TS 26.201 version 13.0.0 Release 13)

ETSI TS 126202 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Interface to Iu, Uu and Nb (3GPP TS 26.202 version 13.0.0 Release 13)

ETSI TS 126204 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – ANSI-C code (3GPP TS 26.204 version 13.0.0 Release 13)

ETSI TS 126223 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telepresence using the IP Multimedia Subsystem (IMS) – Media Handling and Interaction (3GPP TS 26.223 version 13.0.0 Release 13)

ETSI TS 126226 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – General description (3GPP TS 26.226 version 13.0.0 Release 13)

ETSI TS 126230 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Transmitter bit exact C-code (3GPP TS 26.230 version 13.0.0 Release 13)

ETSI TS 126231 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Minimum performance requirements (3GPP TS 26.231 version 13.0.0 Release 13)

ETSI TS 126233 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming service (PSS) – General description (3GPP TS 26.233 version 13.0.0 Release 13)

ETSI TS 126237 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service – Protocols (3GPP TS 26.237 version 13.0.0 Release 13)

ETSI TS 126243 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the fixed-point distributed speech recognition extended advanced front-end (3GPP TS 26.243 version 13.0.0 Release 13)

ETSI TS 126244 V 13.3.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end packet switched streaming service (PSS) – 3GPP file format (3GP) (3GPP TS 26.244 version 13.3.0 Release 13)

ETSI TS 126245 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet switched Streaming Service (PSS) – Timed text format (3GPP TS 26.245 version 13.0.0 Release 13)

ETSI TS 126246 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – 3GPP SMIL language profile (3GPP TS 26.246 version 13.0.0 Release 13)

ETSI TS 126247 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 13.2.0 Release 13)

ETSI TS 126267 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – General description (3GPP TS 26.267 version 13.0.0 Release 13)

ETSI TS 126268 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – ANSI-C reference code (3GPP TS 26.268 version 13.0.0 Release 13)

ETSI TS 126273 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the fixed-point Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec (3GPP TS 26.273 version 13.0.0 Release 13)

ETSI TS 126274 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec – Conformance testing (3GPP TS 26.274 version 13.0.0 Release 13)

ETSI TS 126290 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Transcoding functions (3GPP TS 26.290 version 13.0.0 Release 13)

ETSI TS 126304 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Floating-point ANSI-C code (3GPP TS 26.304 version 13.0.0 Release 13)

ETSI TS 126307 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Presentation Layer for 3GPP Services (3GPP TS 26.307 version 13.0.0 Release 13)

ETSI TS 126346 V 12.8.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 12.8.0 Release 12)

ETSI TS 126346 V 13.3.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 13.3.0 Release 13)

ETSI TS 126401 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – General description (3GPP TS 26.401 version 13.0.0 Release 13)

ETSI TS 126402 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Additional decoder tools (3GPP TS 26.402 version 13.0.0 Release 13)

ETSI TS 126403 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification – Advanced Audio Coding (AAC) part (3GPP TS 26.403 version 13.0.0 Release 13)

ETSI TS 126404 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Enhanced aacPlus encoder Spectral Band Replication (SBR) part (3GPP TS 26.404 version 13.0.0 Release 13)

ETSI TS 126405 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification parametric stereo part (3GPP TS 26.405 version 13.0.0 Release 13)

ETSI TS 126406 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Conformance testing (3GPP TS 26.406 version 13.0.0 Release 13)

ETSI TS 126410 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Floating-point ANSI-C code (3GPP TS 26.410 version 13.0.0 Release 13)

ETSI TS 126411 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Fixed-point ANSI-C code (3GPP TS 26.411 version 13.0.0 Release 13)

ETSI TS 126412 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Source code for 3GP file format (3GPP TS 26.412 version 13.0.0 Release 13)

ETSI TS 126430 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Timed graphics (3GPP TS 26.430 version 13.0.0 Release 13)

ETSI TS 126441 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – General overview (3GPP TS 26.441 version 13.0.0 Release 13)

ETSI TS 126442 V 12.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – ANSI C code (fixed-point) (3GPP TS 26.442 version 12.5.0 Release 12)

ETSI TS 126442 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – ANSI C code (fixed-point) (3GPP TS 26.442 version 13.0.0 Release 13)

ETSI TS 126444 V 12.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Test sequences (3GPP TS 26.444 version 12.5.0 Release 12)

ETSI TS 126444 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Test sequences (3GPP TS 26.444 version 13.0.0 Release 13)

ETSI TS 126446 V 13.0.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Adaptive Multi-Rate – Wideband (AMR-WB) backward compatible functions (3GPP TS 26.446 version 13.0.0 Release 13

ETSI TS 126447 V 12.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Error concealment of lost packets (3GPP TS 26.447 version 12.5.0 Release 12)

ETSI TS 126447 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Error concealment of lost packets (3GPP TS 26.447 version 13.0.0 Release 13)

ETSI TS 126448 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Jitter buffer management (3GPP TS 26.448 version 13.0.0 Release 13)

ETSI TS 126449 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Comfort Noise Generation (CNG) aspects (3GPP TS 26.449 version 13.0.0 Release 13)

ETSI TS 126450 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Discontinuous Transmission (DTX) (3GPP TS 26.450 version 13.0.0 Release 13)

ETSI TS 126451 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Voice Activity Detection (VAD) (3GPP TS 26.451 version 13.0.0 Release 13)

ETSI TR 126902 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Video codec performance (3GPP TR 26.902 version 13.0.0 Release 13)

ETSI TR 126903 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Improved video support for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) Services (3GPP TR 26.903 version 13.0.0 Release 13)

ETSI TR 126904 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Improved video coding support (3GPP TR 26.904 version 13.0.0 Release 13)

ETSI TR 126906 V 12.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Evaluation of High Efficiency Video Coding (HEVC) for 3GPP services (3GPP TR 26.906 version 12.1.0 Release 12)

ETSI TR 126906 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Evaluation of High Efficiency Video Coding (HEVC) for 3GPP services (3GPP TR 26.906 version 13.0.0 Release 13)

ETSI TR 126907 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – HTML5 for a new presentation layer in 3GPP services (3GPP TR 26.907 version 13.0.0 Release 13)

ETSI TR 126911 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Codec(s) for Circuit-Switched (CS) multimedia telephony service – Terminal implementor's guide (3GPP TR 26.911 version 13.0.0 Release 13)

ETSI TR 126914 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia telephony over IP Multimedia Subsystem (IMS) – Optimization opportunities (3GPP TR 26.914 version 13.0.0 Release 13)

ETSI TR 126935 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Packet Switched (PS) conversational multimedia applications – Performance characterisation of default codecs (3GPP TR 26.935 version 13.0.0 Release 13)

ETSI TR 126936 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Performance characterization of 3GPP audio codecs (3GPP TR 26.936 version 13.0.0 Release 13)

ETSI TR 126937 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Real-time Transport Protocol (RTP) usage model (3GPP TR 26.937 version 13.0.0 Release 13)

ETSI TR 126938 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Packet-switched Streaming Service (PSS) – Improved support for dynamic adaptive streaming over HTTP in 3GPP (3GPP TR 26.938 version 13.0.0 Release 13)

ETSI TR 126943 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Recognition performance evaluations of codecs for Speech Enabled Services (SES) (3GPP TR 26.943 version 13.0.0 Release 13)

ETSI TR 126944 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – End-to-end multimedia services performance metrics (3GPP TR 26.944 version 13.0.0 Release 13)

ETSI TR 126947 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Selection and characterisation of application layer Forward Error Correction (FEC) (3GPP TR 26.947 version 13.0.0 Release 13)

ETSI TR 126950 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study on Surround Sound codec extension for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) (3GPP TR 26.950 version 13.0.0 Release 13)

ETSI TR 126967 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution (3GPP TR 26.967 version 13.0.0 Release 13)

ETSI TR 126975 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Performance characterization of the Adaptive Multi-Rate (AMR) speech codec (3GPP TR 26.975 version 13.0.0 Release 13)

ETSI TR 126976 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec (3GPP TR 26.976 version 13.0.0 Release 13)

ETSI TR 126978 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase (3GPP TR 26.978 version 13.0.0 Release 13)

ETSI TS 127001 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) (3GPP TS 27.001 version 13.0.0 Release 13)

ETSI TS 127002 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities (3GPP TS 27.002 version 13.0.0 Release 13)

ETSI TS 127003 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities (3GPP TS 27.003 version 13.0.0 Release 13)

ETSI TS 127005 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Use of Data Terminal Equipment – Data Circuit terminating Equipment (DTE – DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) (3GPP TS 27.005 version 13.0.0 Release 13)

ETSI TS 127007 V 12.11.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – AT command set for User Equipment (UE) (3GPP TS 27.007 version 12.11.0 Release 12)

ETSI TS 127010 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Terminal Equipment to User Equipment (TE-UE) multiplexer protocol (3GPP TS 27.010 version 13.0.0 Release 13)

ETSI TS 127060 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Packet domain – Mobile Station (MS) supporting Packet Switched services (3GPP TS 27.060 version 13.0.0 Release 13)

ETSI TS 128062 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Inband Tandem Free Operation (TFO) of speech codecs – Service description – Stage 3 (3GPP TS 28.062 version 13.0.0 Release 13)

ETSI TS 128390 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) – Interface Integration Reference Point (IRP) Solution Profiles (SPs) (3GPP TS 28.390 version 13.0.0 Release 13)

ETSI TS 128402 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements for Evolved Packet Core (EPC) and non-3GPP access interworking system (3GPP TS 28.402 version 13.0.0 Release 13)

ETSI TS 128403 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements for Wireless Local Area Network (WLAN) (3GPP TS 28.403 version 13.0.0 Release 13)

ETSI TS 128611 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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) – Requirements (3GPP TS 28.611 version 13.0.0 Release 13)

ETSI TS 128612 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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) – Information Service (IS) (3GPP TS 28.612 version 13.0.0 Release 13)

ETSI TS 128616 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 13.0.0 Release 13)

ETSI TS 128620 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 128621 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 13.0.0 Release 13)

ETSI TS 128622 V 11.2.0 : 2016-01
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 11.2.0 Release 11)

ETSI TS 128622 V 12.1.0:2016-01
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 12.1.0 Release 12)

ETSI TS 128622 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 128623 V 11.3.0:2016-01
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 11.3.0 Release 11)

ETSI TS 128623 V 12.1.0:2016-01
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 12.1.0 Release 12)

ETSI TS 128623 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 128624 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Requirements (3GPP TS 28.624 version 13.0.0 Release 13)

ETSI TS 128625 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.625 version 13.0.0 Release 13)

ETSI TS 128626 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.626 version 13.0.0 Release 13)

ETSI TS 128629 V 11.4.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.629 version 11.4.0 Release 11)

ETSI TS 128629 V 12.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.629 version 12.1.0 Release 12)

ETSI TS 128629 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.629 version 13.0.0 Release 13)

ETSI TS 128631 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.631 version 13.0.0 Release 13)

ETSI TS 128632 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.632 version 13.0.0 Release 13)

ETSI TS 128633 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.633 version 13.0.0 Release 13)

ETSI TS 128651 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.651 version 13.0.0 Release 13)

ETSI TS 128652 V 11.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.652 version 11.5.0 Release 11)

ETSI TS 128652 V 12.3.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.652 version 12.3.0 Release 12)

ETSI TS 128652 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.652 version 13.0.0 Release 13)

ETSI TS 128653 V 11.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.653 version 11.5.0 Release 11)

ETSI TS 128653 V 12.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.653 version 12.2.0 Release 12)

ETSI TS 128653 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.653 version 13.0.0 Release 13)

ETSI TS 128654 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.654 version 13.0.0 Release 13)

ETSI TS 128655 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 128656 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.656 version 13.0.0 Release 13)

ETSI TS 128657 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.657 version 13.0.0 Release 13)

ETSI TS 128658 V 11.6.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 11.6.0 Release 11)

ETSI TS 128658 V 12.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 12.2.0 Release 12)

ETSI TS 128658 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 13.0.0 Release 13)

ETSI TS 128659 V 11.6.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 11.6.0 Release 11)

ETSI TS 128659 V 12.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 12.2.0 Release 12)

ETSI TS 128659 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 13.0.0 Release 13)

ETSI TS 128661 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.661 version 13.0.0 Release 13)

ETSI TS 128662 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 128663 V 11.3.0:2016-01
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 11.3.0 Release 11)

ETSI TS 128663 V 12.1.0:2016-01
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 12.1.0 Release 12)

ETSI TS 128663 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 128667 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Radio Planning Tool Access (RPTA) Integration Reference Point (IRP) – Requirements (3GPP TS 28.667 version 13.0.0 Release 13)

ETSI TS 128668 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Radio Planning Tool Access (RPTA) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.668 version 13.0.0 Release 13)

ETSI TS 128669 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Radio Planning Tool Access (RPTA) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.669 version 13.0.0 Release 13)

ETSI TS 128671 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.671 version 13.0.0 Release 13)

ETSI TS 128672 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.672 version 13.0.0 Release 13)

ETSI TS 128673 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.673 version 13.0.0 Release 13)

ETSI TS 128674 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.674 version 13.0.0 Release 13)

ETSI TS 128675 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.675 version 13.0.0 Release 13)

ETSI TS 128676 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.676 version 13.0.0 Release 13)

ETSI TS 128680 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Wireless Local Area Network (WLAN) management – Concepts and requirements (3GPP TS 28.680 version 13.0.0 Release 13)

ETSI TS 128681 V 13.0.0:2016-01
LTE – Telecommunication management – Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.681 version 13.0.0 Release 13)

ETSI TS 128682 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.682 version 13.0.0 Release 13)

ETSI TS 128683 V 13.0.0:2016-01
LTE – Telecommunication management – Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.683 version 13.0.0 Release 13)

ETSI TS 128701 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.701 version 13.0.0 Release 13)

ETSI TS 128702 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.702 version 13.0.0 Release 13)

ETSI TS 128703 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.703 version 13.0.0 Release 13)

ETSI TS 128704 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.704 version 13.0.0 Release 13)

ETSI TS 128705 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.705 version 13.0.0 Release 13)

ETSI TS 128706 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.706 version 13.0.0 Release 13)

ETSI TS 128707 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.707 version 13.0.0 Release 13)

ETSI TS 128708 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.708 version 13.0.0 Release 13)

ETSI TS 128709 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.709 version 13.0.0 Release 13)

ETSI TS 128731 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.731 version 13.0.0 Release 13)

ETSI TS 128732 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.732 version 13.0.0 Release 13)

ETSI TS 128733 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.733 version 13.0.0 Release 13)

ETSI TS 128734 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.734 version 13.0.0 Release 13)

ETSI TS 128735 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.735 version 13.0.0 Release 13)

ETSI TS 128736 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.736 version 13.0.0 Release 13)

ETSI TS 128751 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.751 version 13.0.0 Release 13)

ETSI TS 128752 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.752 version 13.0.0 Release 13)

ETSI TS 128753 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.753 version 13.0.0 Release 13)

ETSI TS 129002 V 12.8.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 12.8.0 Release 12)

ETSI TS 129007 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 13.0.0 Release 13)

ETSI TS 129011 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Signalling Interworking for supplementary services (3GPP TS 29.011 version 13.0.0 Release 13)

ETSI TS 129013 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Signalling interworking between ISDN supplementary services – Application Service Element (ASE) and Mobile Application Part (MAP) protocols (3GPP TS 29.013 version 13.0.0 Release 13)

ETSI TS 129016 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface network service specification (3GPP TS 29.016 version 13.0.0 Release 13)

ETSI TS 129061 V 11.11.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 11.11.0 Release 11)

ETSI TS 129061 V 12.11.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 12.11.0 Release 12)

ETSI TS 129078 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase X – CAMEL Application Part (CAP) specification (3GPP TS 29.078 version 13.0.0 Release 13)

ETSI TS 129079 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routeing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 13.0.0 Release 13)

ETSI TS 129108 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Application of the Radio Access Network Application Part (RANAP) on the E-interface (3GPP TS 29.108 version 13.0.0 Release 13)

ETSI TS 129109 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Zh and Zn Interfaces based on the Diameter protocol – Stage 3 (3GPP TS 29.109 version 13.0.0 Release 13)

ETSI TS 129119 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) (3GPP TS 29.119 version 13.0.0 Release 13)

ETSI TS 129120 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Application Part (MAP) specification for Gateway Location Register (GLR) (3GPP TS 29.120 version 13.0.0 Release 13)

ETSI TS 129139 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Home (e)Node B – security gateway interface (3GPP TS 29.139 version 13.0.0 Release 13)

ETSI TS 129153 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Service exposure functionality between SCEF and RCAF reference point (3GPP TS 29.153 version 13.0.0 Release 13)

ETSI TS 129154 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Nt reference point (3GPP TS 29.154 version 13.0.0 Release 13)

ETSI TS 129163 V 8.29.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 8.29.0 Release 8)

ETSI TS 129163 V 9.23.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 9.23.0 Release 9)

ETSI TS 129163 V 10.19.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 10.19.0 Release 10)

ETSI TS 129163 V 11.16.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 11.16.0 Release 11)

ETSI TS 129163 V 12.10.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 12.10.0 Release 12)

ETSI TS 129163 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 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 13.4.0 Release 13)

ETSI TS 129164 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Interworking between the 3GPP CS domain with BICC or ISUP as signalling protocol and external SIP-I networks (3GPP TS 29.164 version 13.0.0 Release 13)

ETSI TS 129165 V 10.21.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 10.21.0 Release 10)

ETSI TS 129165 V 11.16.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 11.16.0 Release 11)

ETSI TS 129165 V 12.10.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 12.10.0 Release 12)

ETSI TS 129165 V 13.3.0:2016-01
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 13.3.0 Release 13)

ETSI TS 129168 V 9.6.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Cell Broadcast Centre interfaces with the Evolved Packet Core – Stage 3 (3GPP TS 29.168 version 9.6.0 Release 9)

ETSI TS 129168 V 11.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Cell Broadcast Centre interfaces with the Evolved Packet Core – Stage 3 (3GPP TS 29.168 version 11.5.0 Release 11)

ETSI TS 129168 V 12.9.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Cell Broadcast Centre interfaces with the Evolved Packet Core – Stage 3 (3GPP TS 29.168 version 12.9.0 Release 12)

ETSI TS 129171 V 10.5.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 10.5.0 Release 10)

ETSI TS 129171 V 11.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 11.4.0 Release 11)

ETSI TS 129171 V 12.2.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 12.2.0 Release 12)

ETSI TS 129172 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 13.0.0 Release 13)

ETSI TS 129173 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Diameter-based SLh interface for Control Plane LCS (3GPP TS 29.173 version 13.0.0 Release 13)

ETSI TS 129201 V 13.3.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC) (3GPP TS 29.201 version 13.3.0 Release 13)

ETSI TS 129202 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Signalling System No. 7 (SS7) signalling transport in core network – Stage 3 (3GPP TS 29.202 version 13.0.0 Release 13)

ETSI TS 129204 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Signalling System No. 7 (SS7) security gateway – Architecture, functional description and protocol details (3GPP TS 29.204 version 13.0.0 Release 13)

ETSI TS 129205 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Application of Q.1900 series to bearer independent Circuit Switched (CS) core network architecture – Stage 3 (3GPP TS 29.205 version 13.0.0 Release 13)

ZETSI TS 129212 V 12.10.0:2015-10
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 12.10.0 Release 12)

ETSI TS 129212 V 12.11.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 12.11.0 Release 12)

ETSI TS 129212 V 13.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 13.4.0 Release 13)

ETSI TS 129213 V 12.10.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 12.10.0 Release 12)

ETSI TS 129213 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 13.4.0 Release 13)

ETSI TS 129214 V 12.10.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 12.10.0 Release 12)

ETSI TS 129214 V 13.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 13.4.0 Release 13)

ETSI TS 129215 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 13.4.0 Release 13)

ETSI TS 129217 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Congestion reporting over Np reference point (3GPP TS 29.217 version 13.2.0 Release 13)

ETSI TS 129219 V 13.2.0:2016-01
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 13.2.0 Release 13)

ETSI TS 129228 V 12.8.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Cx and Dx Interfaces – Signalling flows and message contents (3GPP TS 29.228 version 12.8.0 Release 12)

ETSI TS 129229 V 12.8.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 12.8.0 Release 12)

ETSI TS 129213 V 12.10.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 12.10.0 Release 12)

ETSI TS 129213 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 13.4.0 Release 13)

ETSI TS 129214 V 12.10.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 12.10.0 Release 12)

ETSI TS 129214 V 13.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 13.4.0 Release 13)

ETSI TS 129215 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 13.4.0 Release 13)

ETSI TS 129217 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Congestion reporting over Np reference point (3GPP TS 29.217 version 13.2.0 Release 13)

ETSI TS 129219 V 13.2.0:2016-01
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 13.2.0 Release 13)

ETSI TS 129228 V 12.8.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Cx and Dx Interfaces – Signalling flows and message contents (3GPP TS 29.228 version 12.8.0 Release 12)

ETSI TS 129229 V 12.8.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 12.8.0 Release 12)

ETSI TS 129230 V 12.11.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 12.11.0 Release 12)

ETSI TS 129231 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Application of SIP-I Protocols to Circuit Switched (CS) core network architecture – Stage 3 (3GPP TS 29.231 version 13.0.0 Release 13)

ETSI TS 129235 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 13.0.0 Release 13)

ETSI TS 129240 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Stage 3 – Network (3GPP TS 29.240 version 13.0.0 Release 13)

ETSI TS 129272 V 11.13.0:2016-01
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 11.13.0 Release 11)

ETSI TS 129272 V 12.9.0:2016-01
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 12.9.0 Release 12)

ETSI TS 129273 V 12.9.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 12.9.0 Release 12)

ETSI TS 129230 V 12.11.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 12.11.0 Release 12)

ETSI TS 129231 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Application of SIP-I Protocols to Circuit Switched (CS) core network architecture – Stage 3 (3GPP TS 29.231 version 13.0.0 Release 13)

ETSI TS 129235 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 13.0.0 Release 13)

ETSI TS 129240 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Stage 3 – Network (3GPP TS 29.240 version 13.0.0 Release 13)

ETSI TS 129272 V 11.13.0:2016-01
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 11.13.0 Release 11)

ETSI TS 129272 V 12.9.0:2016-01
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 12.9.0 Release 12)

ETSI TS 129273 V 12.9.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 12.9.0 Release 12)

ETSI TS 129274 V 12.11.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 12.11.0 Release 12)

ETSI TS 129275 V 11.10.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols – Stage 3 (3GPP TS 29.275 version 11.10.0 Release 11)

ETSI TS 129275 V 12.7.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols – Stage 3 (3GPP TS 29.275 version 12.7.0 Release 12)

ETSI TS 129276 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access – Stage 3 (3GPP TS 29.276 version 13.0.0 Release 13)

ETSI TS 129277 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Optimised handover procedures and protocol between EUTRAN access and non-3GPP accesses (S102) – Stage 3 (3GPP TS 29.277 version 13.0.0 Release 13)

ETSI TS 129278 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 4 – CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS) (3GPP TS 29.278 version 13.0.0 Release 13)

ETSI TS 129279 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 13.0.0 Release 13)

ETSI TS 129280 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC (3GPP TS 29.280 version 13.0.0 Release 13)

ETSI TS 129282 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv6 vendor specific option format and usage within 3GPP (3GPP TS 29.282 version 13.1.0 Release 13)

ETSI TS 129292 V 13.2.0:2016-01
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 13.2.0 Release 13)

ETSI TS 129305 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – InterWorking Function (IWF) between MAP based and Diameter based interfaces (3GPP TS 29.305 version 13.1.0 Release 13)

ETSI TS 129311 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Service Level Interworking (SLI) for messaging services (3GPP TS 29.311 version 13.0.0 Release 13)

ETSI TS 129328 V 8.18.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 8.18.0 Release 8)

ETSI TS 129328 V 9.16.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 9.16.0 Release 9)

ETSI TS 129328 V 10.14.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 10.14.0 Release 10)

ETSI TS 129328 V 11.15.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 11.15.0 Release 11)

ETSI TS 129328 V 12.10.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 12.10.0 Release 12)

ETSI TS 129329 V 12.6.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Sh interface based on the Diameter protocol – Protocol details (3GPP TS 29.329 version 12.6.0 Release 12)

ETSI TS 129333 V 12.7.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface – Stage 3 (3GPP TS 29.333 version 12.7.0 Release 12)

ETSI TS 129334 V 12.8.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface – Stage 3 (3GPP TS 29.334 version 12.8.0 Release 12)

ETSI TS 129335 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Data Convergence (UDC) – User data repository access protocol over the Ud interface – Stage 3 (3GPP TS 29.335 version 13.0.0 Release 13)

ETSI TS 129336 V 12.5.0:2016-01
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 12.5.0 Release 12)

ETSI TS 129337 V 11.7.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 11.7.0 Release 11)

ETSI TS 129337 V 12.7.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 12.7.0 Release 12)

ETSI TS 129338 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 13.0.0 Release 13)

ETSI TS 129343 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to ProSe application server aspects (PC2) – Stage 3 (3GPP TS 29.343 version 13.1.0 Release 13)

ETSI TS 129344 V 12.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to Home Subscriber Server (HSS) aspects – Stage 3 (3GPP TS 29.344 version 12.4.0 Release 12)

ETSI TS 129364 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Server (AS) service data descriptions for AS interoperability (3GPP TS 29.364 version 13.1.0 Release 13)

ETSI TS 129414 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Core network Nb data transport and transport signalling (3GPP TS 29.414 version 13.0.0 Release 13)

ETSI TS 129415 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Core network Nb interface user plane protocols (3GPP TS 29.415 version 13.0.0 Release 13)

ETSI TS 129468 V 12.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Group Communication System Enablers for LTE (GCSE LTE) – MB2 reference point – Stage 3 (3GPP TS 29.468 version 12.4.0 Release 12)

ETSI TS 129468 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Group Communication System Enablers for LTE (GCSE LTE) – MB2 reference point – Stage 3 (3GPP TS 29.468 version 13.0.0 Release 13)

ETSI TS 129658 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – SIP Transfer of IP Multimedia Service Tariff Information – Protocol specification (3GPP TS 29.658 version 13.0.0 Release 13)

ETSI TR 129909 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based protocols usage and recommendations in 3GPP (3GPP TR 29.909 version 13.0.0 Release 13)

ETSI TR 129935 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study on User Data Convergence (UDC) data model (3GPP TR 29.935 version 13.0.0 Release 13)

ETSI TR 129994 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults (3GPP TR 29.994 version 13.0.0 Release 13)

ETSI TS 131101 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Physical and logical characteristics (3GPP TS 31.101 version 13.1.0 Release 13)

ETSI TS 131102 V 8.19.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 8.19.0 Release 8)

ETSI TS 131102 V 9.16.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 9.16.0 Release 9)

ETSI TS 131102 V 10.12.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 10.12.0 Release 10)

ETSI TS 131102 V 11.9.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 11.9.0 Release 11)

ETSI TS 131102 V 12.10.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 12.10.0 Release 12)

ETSI TS 131102 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 13.2.0 Release 13)

ETSI TS 131104 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Hosting Party Subscription Identity Module (HPSIM) application (3GPP TS 31.104 version 13.0.0 Release 13)

ETSI TS 131111 V 12.9.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 12.9.0 Release 12)

ETSI TS 131111 V 13.2.0:2016-01
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 13.2.0 Release 13)

ETSI TS 131115 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications (3GPP TS 31.115 version 13.0.0 Release 13)

ETSI TS 131116 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Remote APDU Structure for (U)SIM Toolkit applications (3GPP TS 31.116 version 13.0.0 Release 13)

ETSI TS 131120 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Physical, electrical and logical test specification (3GPP TS 31.120 version 13.0.0 Release 13)

ETSI TS 131121 V 12.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 12.4.0 Release 12)

ETSI TS 131121 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 13.1.0 Release 13)

ETSI TS 131122 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 13.0.0 Release 13)

ETSI TS 131124 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 13.2.0 Release 13)

ETSI TS 131130 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 131131 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – C-language binding to (U)SIM API (3GPP TS 31.131 version 13.0.0 Release 13)

ETSI TS 131133 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Services Identity Module (ISIM) Application Programming Interface (API) – ISIM API for Java Card (3GPP TS 31.133 version 13.0.0 Release 13)

ETSI TS 131213 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java Card (3GPP TS 31.213 version 13.0.0 Release 13)

ETSI TS 131220 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Contact Manager for 3GPP UICC applications (3GPP TS 31.220 version 13.0.0 Release 13)

ETSI TS 131221 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Contact Manager Application Programming Interface (API) – Contact Manager API for Java Card (3GPP TS 31.221 version 13.0.0 Release 13)

ETSI TR 131900 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – SIM/USIM internal and external interworking aspects (3GPP TR 31.900 version 13.0.0 Release 13)

ETSI TS 132101 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Principles and high level requirements (3GPP TS 32.101 version 13.0.0 Release 13)

ETSI TS 132102 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Architecture (3GPP TS 32.102 version 13.0.0 Release 13)

ETSI TS 132103 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) overview and usage guide (3GPP TS 32.103 version 13.0.0 Release 13)

ETSI TS 132107 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) (3GPP TS 32.107 version 13.0.0 Release 13)

ETSI TS 132111-1 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 1: 3G fault management requirements (3GPP TS 32.111-1 version 13.0.0 Release 13)

ETSI TS 132111-2 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 2: Alarm Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.111-2 version 13.0.0 Release 13)

ETSI TS 132111-6 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.111-6 version 13.0.0 Release 13)

ETSI TS 132121 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP): Requirements (3GPP TS 32.121 version 13.0.0 Release 13)

ETSI TS 132122 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.122 version 13.0.0 Release 13)

ETSI TS 132126 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.126 version 13.0.0 Release 13)

ETSI TS 132130 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Network sharing – Concepts and requirements (3GPP TS 32.130 version 13.0.0 Release 13)

ETSI TS 132140 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) requirements (3GPP TS 32.140 version 13.0.0 Release 13)

ETSI TS 132141 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) architecture (3GPP TS 32.141 version 13.0.0 Release 13)

ETSI TS 132240 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 13.0.0 Release 13)

ETSI TS 132251 V 9.13.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 9.13.0 Release 9)

ETSI TS 132251 V 10.15.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 10.15.0 Release 10)

ETSI TS 132251 V 11.13.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 11.13.0 Release 11)

ETSI TS 132251 V 12.12.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 12.12.0 Release 12)

ETSI TS 132251 V 13.3.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 13.3.0 Release 13)

ETSI TS 132260 V 8.19.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 8.19.0 Release 8)

ETSI TS 132260 V 9.19.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 9.19.0 Release 9)

ETSI TS 132260 V 10.15.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 10.15.0 Release 10)

ETSI TS 132260 V 11.17.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 11.17.0 Release 11)

ETSI TS 132260 V 12.10.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 12.10.0 Release 12)

ETSI TS 132260 V 13.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 13.4.0 Release 13)

ETSI TS 132275 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 13.0.0 Release 13)

ETSI TS 132280 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Advice of Charge (AoC) service (3GPP TS 32.280 version 13.0.0 Release 13)

ETSI TS 132281 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Announcement service (3GPP TS 32.281 version 13.0.0 Release 13)

ETSI TS 132296 V 12.5.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Online Charging System (OCS): Applications and interfaces (3GPP TS 32.296 version 12.5.0 Release 12)

ETSI TS 132298 V 11.15.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 11.15.0 Release 11)

ETSI TS 132298 V 12.10.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 12.10.0 Release 12)

ETSI TS 132298 V 13.2.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 13.2.0 Release 13)

ETSI TS 132299 V 9.22.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 9.22.0 Release 9)

ETSI TS 132299 V 10.18.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 10.18.0 Release 10)

ETSI TS 132299 V 11.18.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 11.18.0 Release 11)

ETSI TS 132299 V 12.11.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 12.11.0 Release 12)

ETSI TS 132299 V 13.3.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 13.3.0 Release 13)

ETSI TS 132404 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template (3GPP TS 32.404 version 13.0.0 Release 13)

ETSI TS 132405 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN) (3GPP TS 32.405 version 13.1.0 Release 13)

ETSI TS 132406 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain (3GPP TS 32.406 version 13.0.0 Release 13)

ETSI TS 132407 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Circuit Switched (CS) domain – UMTS and combined UMTS/GSM (3GPP TS 32.407 version 13.0.0 Release 13)

ETSI TS 132408 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Teleservice (3GPP TS 32.408 version 13.0.0 Release 13)

ETSI TS 132409 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – IP Multimedia Subsystem (IMS) (3GPP TS 32.409 version 13.0.0 Release 13)

ETSI TS 132410 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for UMTS and GSM (3GPP TS 32.410 version 13.0.0 Release 13)

ETSI TS 132411 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP): Requirements (3GPP TS 32.411 version 13.0.0 Release 13)

ETSI TS 132412 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.412 version 13.0.0 Release 13)

ETSI TS 132416 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.416 version 13.0.0 Release 13)

ETSI TS 132423 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 13.0.0 Release 13)

ETSI TS 132426 V 13.0.0:2016-02
LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 13.0.0 Release 13)

ETSI TS 132432 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement: File format definition (3GPP TS 32.432 version 13.0.0 Release 13)

ETSI TS 132435 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement – eXtensible Markup Language (XML) file format definition (3GPP TS 32.435 version 13.0.0 Release 13)

ETSI TS 132436 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition (3GPP TS 32.436 version 13.0.0 Release 13)

ETSI TS 132450 V 13.0.0:2016-02
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 13.0.0 Release 13)

ETSI TS 132451 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Requirements (3GPP TS 32.451 version 13.0.0 Release 13)

ETSI TS 132452 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home Node B (HNB) Subsystem (HNS) (3GPP TS 32.452 version 13.0.0 Release 13)

ETSI TS 132454 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for the IP Multimedia Subsystem (IMS) – Definitions (3GPP TS 32.454 version 13.0.0 Release 13)

ETSI TS 132455 V 13.0.0:2016-02
LTE – Telecommunication management – Key Performance Indicators (KPI) for the Evolved Packet Core (EPC) – Definitions (3GPP TS 32.455 version 13.0.0 Release 13)

ETSI TS 132500 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Concepts and requirements (3GPP TS 32.500 version 13.0.0 Release 13)

ETSI TS 132501 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements – Concepts and requirements (3GPP TS 32.501 version 13.0.0 Release 13)

ETSI TS 132502 V 13.0.0:2016-02
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 13.0.0 Release 13)

ETSI TS 132506 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.506 version 13.0.0 Release 13)

ETSI TS 132508 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Procedure flows for multi-vendor plug-and-play eNode B connection to the network (3GPP TS 32.508 version 13.0.0 Release 13)

ETSI TS 132509 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Data formats for multi-vendor plug and play eNode B connection to the network (3GPP TS 32.509 version 13.0.0 Release 13)

ETSI TS 132511 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Automatic Neighbour Relation (ANR) management – Concepts and requirements (3GPP TS 32.511 version 13.0.0 Release 13)

ETSI TS 132531 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Concepts and Integration Reference Point (IRP) Requirements (3GPP TS 32.531 version 13.0.0 Release 13)

ETSI TS 132532 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.532 version 13.0.0 Release 13)

ETSI TS 132536 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.536 version 13.0.0 Release 13)

ETSI TS 132541 V 13.0.0:2016-02
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Self-healing concepts and requirements (3GPP TS 32.541 version 13.0.0 Release 13)

ETSI TS 132551 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Energy Saving Management (ESM) – Concepts and requirements (3GPP TS 32.551 version 13.0.0 Release 13)

ETSI TS 132571 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface concepts and requirements (3GPP TS 32.571 version 13.0.0 Release 13)

ETSI TS 132572 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface models and mapping functions (3GPP TS 32.572 version 13.0.0 Release 13)

ETSI TS 132581 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts

and requirements for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.581 version 13.0.0 Release 13)

ETSI TS 132582 V 13.0.0:2016-02
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.582 version 13.0.0 Release 13)

ETSI TS 133102 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – 3G security – Security architecture (3GPP TS 33.102 version 13.0.0 Release 13)

ETSI TS 133105 V 13.0.0 : 2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Cryptographic algorithm requirements (3GPP TS 33.105 version 13.0.0 Release 13)

ETSI TS 133106 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception requirements (3GPP TS 33.106 version 13.2.0 Release 13)

ETSI TS 133107 V 10.5.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 10.5.0 Release 10)

ETSI TS 133107 V 11.6.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 11.6.0 Release 11)

ETSI TS 133107 V 12.13.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 12.13.0 Release 12)

ETSI TS 133107 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 13.1.0 Release 13)

ETSI TS 133108 V 10.7.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 10.7.0 Release 10)

ETSI TS 133108 V 11.7.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 11.7.0 Release 11)

ETSI TS 133108 V 12.11.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 12.11.0 Release 12)

ETSI TS 133108 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 13.0.0 Release 13)

ETSI TS 133110 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a Universal Integrated Circuit Card (UICC) and a terminal (3GPP TS 33.110 version 13.0.0 Release 13)

ETSI TS 133141 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Security (3GPP TS 33.141 version 13.0.0 Release 13)

ETSI TS 133203 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Access security for IP-based services (3GPP TS 33.203 version 13.1.0 Release 13)

ETSI TS 133204 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Network Domain Security (NDS) – Transaction Capabilities Application Part (TCAP) user security (3GPP TS 33.204 version 13.0.0 Release 13)

ETSI TS 133210 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 133220 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) (3GPP TS 33.220 version 13.0.0 Release 13)

ETSI TS 133221 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Support for subscriber certificates (3GPP TS 33.221 version 13.0.0 Release 13)

ETSI TS 133222 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 13.0.0 Release 13)

ETSI TS 133223 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) Push function (3GPP TS 33.223 version 13.0.0 Release 13)

ETSI TS 133224 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) push layer (3GPP TS 33.224 version 13.0.0 Release 13)

ETSI TS 133234 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Wireless Local Area Network (WLAN) interworking security (3GPP TS 33.234 version 13.0.0 Release 13)

ETSI TS 133246 V 13.1.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Security of Multimedia Broadcast/Multicast Service (MBMS) (3GPP TS 33.246 version 13.1.0 Release 13)

ETSI TS 133259 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a UICC hosting device and a remote device (3GPP TS 33.259 version 13.0.0 Release 13)

ETSI TS 133303 V 12.6.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based Services (ProSe) – Security aspects (3GPP TS 33.303 version 12.6.0 Release 12)

ETSI TS 133303 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based Services (ProSe) – Security aspects (3GPP TS 33.303 version 13.2.0 Release 13)

ETSI TS 133310 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 13.0.0 Release 13)

ETSI TS 133320 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Security of Home Node B (HNB) / Home evolved Node B (HeNB) (3GPP TS 33.320 version 13.0.0 Release 13)

ETSI TS 133328 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) media plane security (3GPP TS 33.328 version 13.0.0 Release 13)

ETSI TS 133401 V 9.9.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 9.9.0 Release 9)

ETSI TS 133401 V 10.7.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 10.7.0 Release 10)

ETSI TS 133401 V 11.9.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 11.9.0 Release 11)

ETSI TS 133401 V 12.16.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 12.16.0 Release 12)

ETSI TS 133401 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 13.1.0 Release 13)

ETSI TR 133905 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Recommendations for Trusted Open Platforms (3GPP TR 33.905 version 13.0.0 Release 13)

ETSI TR 133919 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Generic Authentication Architecture (GAA) – System description (3GPP TR 33.919 version 13.0.0 Release 13)

ETSI TR 133924 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Identity management and 3GPP security interworking – Identity management and Generic Authentication Architecture (GAA) interworking (3GPP TR 33.924 version 13.0.0 Release 13)

ETSI TR 133937 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study of mechanisms for Protection against Unsolicited Communication for IMS (PUCI) (3GPP TR 33.937 version 13.0.0 Release 13)

ETSI TR 133980 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Liberty Alliance and 3GPP security interworking – Interworking of Liberty Alliance Identity Federation Framework (ID-FF), Identity Web Services Framework (ID-WSF) and Generic Authentication Architecture (GAA) (3GPP TR 33.980 version 13.0.0 Release 13)

ETSI TS 134108 V 11.15.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Common test environments for User Equipment (UE) – Conformance testing (3GPP TS 34.108 version 11.15.0 Release 11)

ETSI TS 134109 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Terminal logical test interface – Special conformance testing functions (3GPP TS 34.109 version 13.0.0 Release 13)

ETSI TS 134114 V 11.4.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance – Conformance testing (3GPP TS 34.114 version 11.4.0 Release 11)

ETSI TS 134121-1 V 11.8.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 1: Conformance specification (3GPP TS 34.121-1 version 11.8.0 Release 11)

ETSI TS 134121-2 V 11.6.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 34.121-2 version 11.6.0 Release 11)

ETSI TS 134123-1 V 11.8.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 11.8.0 Release 11)

ETSI TS 134123-2 V 11.8.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 11.8.0 Release 11)

ETSI TS 134123-3 V 11.8.0:2016-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 11.8.0 Release 11)

ETSI TS 134124 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 13.0.0 Release 13)

ETSI TS 134229-1 V 12.8.1:2016-01
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 12.8.1 Release 12)

ETSI TS 134229-2 V 10.4.0:2016-01
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 10.4.0 Release 10)

ETSI TS 134229-2 V 11.1.0:2016-01
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 11.1.0 Release 11)

ETSI TS 134229-2 V 12.7.0:2016-01
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 12.7.0 Release 12)

ETSI TS 134229-3 V 10.8.0:2016-01
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 10.8.0 Release 10)

ETSI TS 134229-3 V 11.2.0:2016-01
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 11.2.0 Release 11)

ETSI TR 134902 V 11.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Derivation of test tolerances for multi-cell Radio Resource Management (RRM) conformance tests (3GPP TR 34.902 version 11.1.0 Release 11)

ETSI TR 134926 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Electromagnetic compatibility (EMC) – Table of international requirements for mobile terminals and ancillary equipment (3GPP TR 34.926 version 13.0.0 Release 13)

ETSI TS 135201 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 1: f8 and f9 specification (3GPP TS 35.201 version 13.0.0 Release 13)

ETSI TS 135202 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 2: Kasumi specification (3GPP TS 35.202 version 13.0.0 Release 13)

ETSI TS 135203 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 3: Implementors' test data (3GPP TS 35.203 version 13.0.0 Release 13)

ETSI TS 135204 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 4: Design conformance test data (3GPP TS 35.204 version 13.0.0 Release 13)

ETSI TS 135205 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 1: General (3GPP TS 35.205 version 13.0.0 Release 13)

ETSI TS 135206 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 2: Algorithm specification (3GPP TS 35.206 version 13.0.0 Release 13)

ETSI TS 135207 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 3: Implementors' test data (3GPP TS 35.207 version 13.0.0 Release 13)

ETSI TS 135208 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 4: Design conformance test data (3GPP TS 35.208 version 13.0.0 Release 13)

ETSI TS 135215 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 1: UEA2 and UIA2 specifications (3GPP TS 35.215 version 13.0.0 Release 13)

ETSI TS 135216 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 2: SNOW 3G specification (3GPP TS 35.216 version 13.0.0 Release 13)

ETSI TS 135217 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 3: Implementors' test data (3GPP TS 35.217 version 13.0.0 Release 13)

ETSI TS 135218 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 4: Design conformance test data (3GPP TS 35.218 version 13.0.0 Release 13)

ETSI TS 135221 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 1: EEA3 and EIA3 specifications (3GPP TS 35.221 version 13.0.0 Release 13)

ETSI TS 135222 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 2: ZUC specification (3GPP TS 35.222 version 13.0.0 Release 13)

ETSI TS 135223 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 3: Implementors' test data (3GPP TS 35.223 version 13.0.0 Release 13)

ETSI TS 135231 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 135232 V 13.0.0:2016-01
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 2: Implementers' test data (3GPP TS 35.232 version 13.0.0 Release 13)

ETSI TS 135233 V 13.0.0:2016-01
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 3: Design conformance test data (3GPP TS 35.233 version 13.0.0 Release 13)

ETSI TR 135909 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 5: Summary and results of design and evaluation (3GPP TR 35.909 version 13.0.0 Release 13)

ETSI TR 135919 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 5: Design and evaluation report (3GPP TR 35.919 version 13.0.0 Release 13)

ETSI TR 135924 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 4: Design and Evaluation Report (3GPP TR 35.924 version 13.0.0 Release 13)

ETSI TS 136101 V 9.23.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 9.23.0 Release 9)

ETSI TS 136104 V 11.14.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 11.14.0 Release 11)

ETSI TS 136104 V 12.10.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 12.10.0 Release 12)

ETSI TS 136104 V 13.2.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 13.2.0 Release 13)

ETSI TS 136106 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater radio transmission and reception (3GPP TS 36.106 version 13.0.0 Release 13)

ETSI TS 136111 V 13.0.0:2016-01
LTE – Location Measurement Unit (LMU) performance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 36.111 version 13.0.0 Release 13)

ETSI TS 136113 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC) (3GPP TS 36.113 version 13.0.0 Release 13)

ETSI TS 136116 V 11.7.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay radio transmission and reception (3GPP TS 36.116 version 11.7.0 Release 11)

ETSI TS 136116 V 12.4.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay radio transmission and reception (3GPP TS 36.116 version 12.4.0 Release 12)

ETSI TS 136116 V 13.0.1:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay radio transmission and reception (3GPP TS 36.116 version 13.0.1 Release 13)

ETSI TS 136117 V 11.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay conformance testing (3GPP TS 36.117 version 11.4.0 Release 11)

ETSI TS 136117 V 12.3.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay conformance testing (3GPP TS 36.117 version 12.3.0 Release 12)

ETSI TS 136117 V 13.0.1:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay conformance testing (3GPP TS 36.117 version 13.0.1 Release 13)

ETSI TS 136124 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 13.0.0 Release 13)

ETSI TS 136141 V 11.14.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 11.14.0 Release 11)

ETSI TS 136141 V 12.10.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 12.10.0 Release 12)

ETSI TS 136141 V 13.2.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 13.2.0 Release 13)

ETSI TS 136143 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater conformance testing (3GPP TS 36.143 version 13.0.0 Release 13)

ETSI TS 136171 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 13.0.0 Release 13)
ETSI TS 136201 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE physical layer – General description (3GPP TS 36.201 version 13.0.0 Release 13)

ETSI TS 136211 V 12.8.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 12.8.0 Release 12)

ETSI TS 136211 V 13.0.0 : 2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation 3GPP TS 36.211 version 13.0.0 Release 13

ETSI TS 136212 V 12.7.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 12.7.0 Release 12)

ETSI TS 136212 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 13.0.0 Release 13)

ETSI TS 136214 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer – Measurements (3GPP TS 36.214 version 13.0.0 Release 13)

ETSI TS 136216 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer for relaying operation (3GPP TS 36.216 version 13.0.0 Release 13)

ETSI TS 136300 V 11.14.0:2016-01
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 11.14.0 Release 11)

ETSI TS 136300 V 12.8.0:2016-01
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 12.8.0 Release 12)

ETSI TS 136300 V 13.2.0:2016-01
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 13.2.0 Release 13)

ETSI TS 136302 V 12.6.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Services provided by the physical layer (3GPP TS 36.302 version 12.6.0 Release 12)

ETSI TS 136302 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Services provided by the physical layer (3GPP TS 36.302 version 13.0.0 Release 13)

ETSI TS 136304 V 10.9.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 10.9.0 Release 10)

ETSI TS 136304 V 11.7.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 11.7.0 Release 11)

ETSI TS 136304 V 12.7.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 12.7.0 Release 12)

ETSI TS 136305 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 13.0.0 Release 13)

ETSI TS 136306 V 10.15.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 10.15.0 Release 10)

ETSI TS 136306 V 11.13.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 11.13.0 Release 11)

ETSI TS 136306 V 12.7.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 12.7.0 Release 12)

ETSI TS 136306 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 13.0.0 Release 13)

ETSI TS 136307 V 8.14.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.14.0 Release 8)

ETSI TS 136307 V 9.15.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.15.0 Release 9)

ETSI TS 136307 V 10.17.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 10.17.0 Release 10)

ETSI TS 136307 V 11.14.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 11.14.0 Release 11)

ETSI TS 136307 V 12.10.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 12.10.0 Release 12)

ETSI TS 136307 V 13.2.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band 3GPP TS 36.307 version 13.2.0 Release 13

ETSI TS 136314 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Layer 2 – Measurements (3GPP TS 36.314 version 13.0.0 Release 13)

ETSI TS 136321 V 12.8.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 12.8.0 Release 12)

ETSI TS 136322 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 13.0.0 Release 13)

ETSI TS 136323 V 12.5.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 12.5.0 Release 12)

ETSI TS 136323 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 13.0.0 Release 13)

ETSI TS 136331 V 10.19.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 10.19.0 Release 10)

ETSI TS 136331 V 11.14.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 11.14.0 Release 11)

ETSI TS 136331 V 12.8.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 12.8.0 Release 12)

ETSI TS 136331 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 13.0.0 Release 13)

ETSI TS 136355 V 12.5.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 12.5.0 Release 12)

ETSI TS 136355 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) 3GPP TS 36.355 version 13.0.0 Release 13

ETSI TS 136401 V 12.3.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description (3GPP TS 36.401 version 12.3.0 Release 12)

ETSI TS 136401 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description 3GPP TS 36.401 version 13.0.0 Release 13

ETSI TS 136410 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 general aspects and principles (3GPP TS 36.410 version 13.0.0 Release 13)

ETSI TS 136411 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 layer 1 (3GPP TS 36.411 version 13.0.0 Release 13)

ETSI TS 136412 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 signalling transport (3GPP TS 36.412 version 13.0.0 Release 13)

ETSI TS 136413 V 13.1.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) 3GPP TS 36.413 version 13.1.0 Release 13

ETSI TS 136414 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 data transport (3GPP TS 36.414 version 13.0.0 Release 13)

ETSI TS 136420 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 general aspects and principles (3GPP TS 36.420 version 13.0.0 Release 13)

ETSI TS 136421 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 layer 1 (3GPP TS 36.421 version 13.0.0 Release 13)

ETSI TS 136422 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 signalling transport (3GPP TS 36.422 version 13.0.0 Release 13)

ETSI TS 136423 V 12.8.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 12.8.0 Release 12)

ETSI TS 136423 V 13.2.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) 3GPP TS 36.423 version 13.2.0 Release 13

ETSI TS 136424 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 data transport (3GPP TS 36.424 version 13.0.0 Release 13)

ETSI TS 136440 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.440 version 13.0.0 Release 13)

ETSI TS 136441 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Layer 1 for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.441 version 13.0.0 Release 13)

ETSI TS 136442 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Signalling Transport for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.442 version 13.0.0 Release 13)

ETSI TS 136443 V 13.2.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M2 Application Protocol (M2AP) 3GPP TS 36.443 version 13.2.0 Release 13

ETSI TS 136444 V 13.1.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M3 Application Protocol (M3AP) 3GPP TS 36.444 version 13.1.0 Release 13

ETSI TS 136445 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M1 data transport (3GPP TS 36.445 version 13.0.0 Release 13)

ETSI TS 136455 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol A (LPPa) (3GPP TS 36.455 version 13.0.0 Release 13)

ETSI TS 136456 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface general aspects and principles (3GPP TS 36.456 version 13.0.0 Release 13)

ETSI TS 136457 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface layer 1 (3GPP TS 36.457 version 13.0.0 Release 13)

ETSI TS 136458 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface signalling transport (3GPP TS 36.458 version 13.0.0 Release 13)

ETSI TS 136459 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface Application Protocol (SLmAP) (3GPP TS 36.459 version 13.0.0 Release 13)

ETSI TS 136509 V 12.2.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 12.2.0 Release 12)

ETSI TS 136521-2 V 12.8.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 12.8.0 Release 12)

ETSI TS 136521-2 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 13.0.0 Release 13)

ETSI TS 136523-2 V 12.8.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 12.8.0 Release 12)

ETSI TS 136523-3 V 11.7.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 11.7.0 Release 11)

ETSI TR 136903 V 12.8.0:2016-01
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 12.8.0 Release 12)

ETSI TR 136912 V 13.0.0:2016-01
LTE – Feasibility study for Further Advancements for E-UTRA (LTE-Advanced) (3GPP TR 36.912 version 13.0.0 Release 13)

ETSI TR 136913 V 13.0.0:2016-01
LTE – Requirements for further advancements for Evolved Universal Terrestrial Radio Access (E-UTRA) (LTE-Advanced) (3GPP TR 36.913 version 13.0.0 Release 13)

ETSI TR 136921 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.921 version 13.0.0 Release 13)

ETSI TR 136922 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – TDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.922 version 13.0.0 Release 13)

ETSI TR 136927 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Potential solutions for energy saving for E-UTRAN (3GPP TR 36.927 version 13.0.0 Release 13)

ETSI TR 136931 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) requirements for LTE Pico Node B (3GPP TR 36.931 version 13.0.0 Release 13)

ETSI TR 136932 V 13.0.0:2016-01
LTE – Scenarios and requirements for small cell enhancements for E-UTRA and E-UTRAN (3GPP TR 36.932 version 13.0.0 Release 13)

ETSI TR 136942 V 13.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) system scenarios (3GPP TR 36.942 version 13.0.0 Release 13)

ETSI TS 137104 V 11.13.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 11.13.0 Release 11)

ETSI TS 137104 V 12.9.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 12.9.0 Release 12)

ETSI TS 137104 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 13.0.0 Release 13)

ETSI TS 137113 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 13.0.0 Release 13)

ETSI TS 137141 V 11.13.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 11.13.0 Release 11)

ETSI TS 137141 V 12.9.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 12.9.0 Release 12)

ETSI TS 137141 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 13.1.0 Release 13)

ETSI TS 137320 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio measurement collection for Minimization of Drive Tests (MDT) – Overall description – Stage 2 (3GPP TS 37.320 version 13.0.0 Release 13)

ETSI TS 137571-1 V 10.8.0:2016-01
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 1: Conformance test specification (3GPP TS 37.571-1 version 10.8.0 Release 10)

ETSI TS 137571-1 V 11.3.0:2016-01
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 1: Conformance test specification (3GPP TS 37.571-1 version 11.3.0 Release 11)

ETSI TS 137571-1 V 12.5.0:2016-01
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 1: Conformance test specification (3GPP TS 37.571-1 version 12.5.0 Release 12)

ETSI TS 137571-2 V 10.10.0:2016-01
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 2: Protocol conformance (3GPP TS 37.571-2 version 10.10.0 Release 10)

ETSI TS 137571-2 V 11.1.0:2016-01
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 2: Protocol conformance (3GPP TS 37.571-2 version 11.1.0 Release 11)

ETSI TS 137571-2 V 12.4.0:2016-01
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 2: Protocol conformance (3GPP TS 37.571-2 version 12.4.0 Release 12)

ETSI TS 137571-3 V 10.8.0:2016-01
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 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 10.8.0 Release 10)

ETSI TS 137571-3 V 11.1.0:2016-01
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 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 11.1.0 Release 11)

ETSI TS 137571-3 V 12.5.0:2016-01
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 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 12.5.0 Release 12)

ETSI TS 137571-4 V 10.10.0:2016-01
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 10.10.0 Release 10)

ETSI TS 137571-4 V 11.1.0:2016-01
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 11.1.0 Release 11)

ETSI TS 137571-4 V 12.3.0:2016-01
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 12.3.0 Release 12)

ETSI TS 137571-5 V 10.11.0:2016-01
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 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 10.11.0 Release 10)

ETSI TS 137571-5 V 11.1.0:2016-01
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 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 11.1.0 Release 11)

ETSI TS 137571-5 V 12.4.0:2016-01
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 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 12.4.0 Release 12)

ETSI TR 137900 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Radio Frequency (RF) requirements for Multicarrier and Multiple Radio Access Technology (Multi-RAT) Base Station (BS) (3GPP TR 37.900 version 13.0.0 Release 13)

ETSI TR 137902 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Measurements of User Equipment (UE) radio performances for LTE/UMTS terminals – Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) test methodology (3GPP TR 37.902 version 13.0.0 Release 13)

ETSI TR 137976 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Measurement of radiated performance for Multiple Input Multiple Output (MIMO) and multi-antenna reception for High Speed Packet Access (HSPA) and LTE terminals (3GPP TR 37.976 version 13.0.0 Release 13)

ETSI TR 137977 V 13.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA) – Verification of radiated multi-antenna reception performance of User Equipment (UE) (3GPP TR 37.977 version 13.2.0 Release 13)

ETSI TR 141031 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Fraud Information Gathering System (FIGS) – Service requirements – Stage 0 (3GPP TR 41.031 version 13.0.0 Release 13)

ETSI TR 141033 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Lawful Interception requirements for GSM (3GPP TR 41.033 version 13.0.0 Release 13)

ETSI TS 142033 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Lawful Interception – Stage 1 (3GPP TS 42.033 version 13.0.0 Release 13)

ETSI TS 142043 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Support of Localised Service Area (SoLSA) – Service description – Stage 1 (3GPP TS 42.043 version 13.0.0 Release 13)

ETSI TS 142056 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – Service description – Stage 1 (3GPP TS 42.056 version 13.0.0 Release 13)

ETSI TS 142068 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Voice Group Call Service (VGCS) – Stage 1 (3GPP TS 42.068 version 13.0.0 Release 13)

ETSI TS 142069 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Voice Broadcast Service (VBS) – Stage 1 (3GPP TS 42.069 version 13.0.0 Release 13)

ETSI TS 143005 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Technical performance objectives (3GPP TS 43.005 version 13.0.0 Release 13)

ETSI TS 143010 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – GSM Public Land Mobile Network (PLMN) connection types (3GPP TS 43.010 version 13.0.0 Release 13)

ETSI TS 143013 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Discontinuous Reception (DRX) in the GSM system (3GPP TS 43.013 version 13.0.0 Release 13)

ETSI TS 143020 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Security related network functions (3GPP TS 43.020 version 13.0.0 Release 13)

ETSI TS 143022 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Functions related to Mobile Station (MS) in idle mode and group receive mode (3GPP TS 43.022 version 13.0.0 Release 13)

ETSI TR 143026 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Multiband operation of GSM / DCS 1800 by a single operator (3GPP TR 43.026 version 13.0.0 Release 13)

ETSI TR 143030 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Radio network planning aspects (3GPP TR 43.030 version 13.0.0 Release 13)

ETSI TS 143033 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 3G security – Lawful Interception – Stage 2 (3GPP TS 43.033 version 13.0.0 Release 13)

ETSI TS 143045 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Technical realization of facsimile group 3 transparent (3GPP TS 43.045 version 13.0.0 Release 13)

ETSI TS 143050 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (3GPP TS 43.050 version 13.0.0 Release 13)

ETSI TS 143051 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Overall description – Stage 2 (3GPP TS 43.051 version 13.0.0 Release 13)

ETSI TS 143052 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – Lower Layers of the CTS Radio Interface, Stage 2 (3GPP TS 43.052 version 13.0.0 Release 13)

ETSI TS 143055 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Dual Transfer Mode (DTM) – Stage 2 (3GPP TS 43.055 version 13.0.0 Release 13)

ETSI TR 143058 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) (3GPP TR 43.058 version 13.0.0 Release 13)

ETSI TS 143059 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Functional stage 2 description of Location Services (LCS) in GERAN (3GPP TS 43.059 version 13.0.0 Release 13)

ETSI TS 143064 V 13.0.0:2016-01
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 13.0.0 Release 13)

ETSI TS 143068 V 13.1.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Group Call Service (VGCS) – Stage 2 (3GPP TS 43.068 version 13.1.0 Release 13)

ETSI TS 143069 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Voice Broadcast Service (VBS) – Stage 2 (3GPP TS 43.069 version 13.0.0 Release 13)

ETSI TS 143073 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Support of Localised Service Area (SoLSA) – Stage 2 (3GPP TS 43.073 version 13.0.0 Release 13)

ETSI TS 143129 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Packet-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 13.0.0 Release 13)

ETSI TS 143130 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Iur-g interface – Stage 2 (3GPP TS 43.130 version 13.0.0 Release 13)

ETSI TS 143246 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Multimedia Broadcast/Multicast Service (MBMS) in the GERAN – Stage 2 (3GPP TS 43.246 version 13.0.0 Release 13)

ETSI TS 143318 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Generic Access Network (GAN) – Stage 2 (3GPP TS 43.318 version 13.0.0 Release 13)

ETSI TR 143901 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Feasibility Study on generic access to A/Gb interface (3GPP TR 43.901 version 13.0.0 Release 13)

ETSI TR 143902 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Enhanced Generic Access Networks (EGAN) study (3GPP TR 43.902 version 13.0.0 Release 13)

ETSI TR 143903 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – A-interface over IP study (AINTIP) (3GPP TR 43.903 version 13.0.0 Release 13)

ETSI TS 144001 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Mobile Station – Base Station System (MS – BSS) interface – General aspects and principles (3GPP TS 44.001 version 13.0.0 Release 13)

ETSI TS 144003 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station – Base Station System (MS – BSS) Interface Channel Structures and Access Capabilities (3GPP TS 44.003 version 13.0.0 Release 13)

ETSI TS 144004 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Layer 1 – General Requirements (3GPP TS 44.004 version 13.0.0 Release 13)

ETSI TS 144005 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Data Link (DL) Layer – General aspects (3GPP TS 44.005 version 13.0.0 Release 13)

ETSI TS 144006 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Mobile Station – Base Station System (MS – BSS) interface – Data Link (DL) layer specification (3GPP TS 44.006 version 13.0.0 Release 13)

ETSI TS 144012 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Short Message Service Cell Broadcast (SMSCB) support on the mobile radio interface (3GPP TS 44.012 version 13.0.0 Release 13)

ETSI TS 144013 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Performance requirements on the mobile radio interface (3GPP TS 44.013 version 13.0.0 Release 13)

ETSI TS 144014 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Individual equipment type requirements and interworking – Special conformance testing functions (3GPP TS 44.014 version 13.0.0 Release 13)

ETSI TS 144018 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 13.0.0 Release 13)

ETSI TS 144021 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Rate adaption on the Mobile Station – Base Station System (MS – BSS) interface (3GPP TS 44.021 version 13.0.0 Release 13)

ETSI TS 144031 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Mobile Station (MS) – Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) (3GPP TS 44.031 version 13.0.0 Release 13)

ETSI TS 144035 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods (3GPP TS 44.035 version 13.0.0 Release 13)

ETSI TS 144056 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS radio interface layer 3 specification (3GPP TS 44.056 version 13.0.0 Release 13)

ETSI TS 144057 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS supervising system layer 3 specification (3GPP TS 44.057 version 13.0.0 Release 13)

ETSI TS 144060 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 13.0.0 Release 13)

ETSI TS 144064 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Mobile Station – Serving GPRS Support Node (MS-SGSN) – Logical Link Control (LLC) Layer Specification (3GPP TS 44.064 version 13.0.0 Release 13)

ETSI TS 144065 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) – Serving GPRS Support Node (SGSN) – Subnetwork Dependent Convergence Protocol (SNDCP) (3GPP TS 44.065 version 13.0.0 Release 13)

ETSI TS 144068 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Group Call Control (GCC) protocol (3GPP TS 44.068 version 13.0.0 Release 13)

ETSI TS 144069 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Broadcast Call Control (BCC) protocol (3GPP TS 44.069 version 13.0.0 Release 13)

ETSI TS 144071 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Mobile radio interface layer 3 LCS specification (3GPP TS 44.071 version 13.0.0 Release 13)

ETSI TS 144118 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol – Iu mode (3GPP TS 44.118 version 13.0.0 Release 13)

ETSI TS 144160 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol Iu mode (3GPP TS 44.160 version 13.0.0 Release 13)

ETSI TS 144318 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Generic Access Network (GAN) – Mobile GAN interface layer 3 specification (3GPP TS 44.318 version 13.0.0 Release 13)

ETSI TR 144901 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – External Network Assisted Cell Change (NACC) (3GPP TR 44.901 version 13.0.0 Release 13)

ETSI TS 145001 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Physical layer on the radio path – General description (3GPP TS 45.001 version 13.0.0 Release 13)

ETSI TS 145002 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 13.0.0 Release 13)

ETSI TS 145003 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Channel coding (3GPP TS 45.003 version 13.0.0 Release 13)

ETSI TS 145004 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Modulation (3GPP TS 45.004 version 13.0.0 Release 13)

ETSI TS 145005 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Radio transmission and reception (3GPP TS 45.005 version 13.0.0 Release 13)

ETSI TS 145008 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Radio subsystem link control (3GPP TS 45.008 version 13.0.0 Release 13)

ETSI TS 145009 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Link adaptation (3GPP TS 45.009 version 13.0.0 Release 13)

ETSI TS 145010 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Radio subsystem synchronization (3GPP TS 45.010 version 13.0.0 Release 13)

ETSI TS 145015 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Release independent Downlink Advanced Receiver Performance (DARP) – Implementation guidelines (3GPP TS 45.015 version 13.0.0 Release 13)

ETSI TS 145022 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Radio link management in hierarchical networks (3GPP TS 45.022 version 13.0.0 Release 13)

ETSI TR 145050 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Background for Radio Frequency (RF) requirements (3GPP TR 45.050 version 13.0.0 Release 13)

ETSI TS 145056 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS-FP Radio subsystem (3GPP TS 45.056 version 13.0.0 Release 13)

ETSI TR 145902 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Flexible Layer One (FLO) (3GPP TR 45.902 version 13.0.0 Release 13)

ETSI TR 145903 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks (3GPP TR 45.903 version 13.0.0 Release 13)

ETSI TR 145912 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Feasibility study for evolved GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.912 version 13.0.0 Release 13)

ETSI TR 145913 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Optimized transmit pulse shape for downlink Enhanced General Packet Radio Service (EGPRS2-B) (3GPP TR 45.913 version 13.0.0 Release 13)

ETSI TR 145914 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Circuit switched voice capacity evolution for GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.914 version 13.0.0 Release 13)

ETSI TS 146001 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Full rate speech – Processing functions (3GPP TS 46.001 version 13.0.0 Release 13)

ETSI TS 146002 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – Half rate speech processing functions (3GPP TS 46.002 version 13.0.0 Release 13)

ETSI TS 146006 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – ANSI-C code for the GSM half rate speech codec (3GPP TS 46.006 version 13.0.0 Release 13)

ETSI TS 146007 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – Test sequences for the GSM half rate speech codec (3GPP TS 46.007 version 13.0.0 Release 13)

ETSI TS 146008 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half Rate Speech – Performance Characterization of the GSM Half Rate speech codec (3GPP TS 46.008 version 13.0.0 Release 13)

ETSI TS 146010 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Full rate speech – Transcoding (3GPP TS 46.010 version 13.0.0 Release 13)

ETSI TS 146011 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Full rate speech – Substitution and muting of lost frames for full rate speech channels (3GPP TS 46.011 version 13.0.0 Release 13)

ETSI TS 146012 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Full rate speech – Comfort noise aspect for full rate speech traffic channels (3GPP TS 46.012 version 13.0.0 Release 13)

ETSI TS 146020 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – Half rate speech transcoding (3GPP TS 46.020 version 13.0.0 Release 13)

ETSI TS 146021 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – Substitution and muting of lost frames for half rate speech traffic channels (3GPP TS 46.021 version 13.0.0 Release 13)

ETSI TS 146022 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – Comfort noise aspects for the half rate speech traffic channels (3GPP TS 46.022 version 13.0.0 Release 13)

ETSI TS 146031 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Full rate speech – Discontinuous Transmission (DTX) for full rate speech traffic channels (3GPP TS 46.031 version 13.0.0 Release 13)

ETSI TS 146032 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Full rate speech – Voice Activity Detector (VAD) for full rate speech traffic channels (3GPP TS 46.032 version 13.0.0 Release 13)

ETSI TS 146041 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – Discontinuous Transmission (DTX) for half rate speech traffic channels (3GPP TS 46.041 version 13.0.0 Release 13)

ETSI TS 146042 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Half rate speech – Voice Activity Detector (VAD) for half rate speech traffic channels (3GPP TS 46.042 version 13.0.0 Release 13)

ETSI TS 146051 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Enhanced Full Rate (EFR) speech processing functions – General description (3GPP TS 46.051 version 13.0.0 Release 13)

ETSI TS 146053 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.053 version 13.0.0 Release 13)

ETSI TS 146054 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Test sequences for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.054 version 13.0.0 Release 13)

ETSI TR 146055 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec (3GPP TR 46.055 version 13.0.0 Release 13)

ETSI TS 146060 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Enhanced Full Rate (EFR) speech transcoding (3GPP TS 46.060 version 13.0.0 Release 13)

ETSI TS 146061 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.061 version 13.0.0 Release 13)

ETSI TS 146062 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.062 version 13.0.0 Release 13)

ETSI TR 146076 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Adaptive Multi-Rate (AMR) speech codec – Study phase report (3GPP TR 46.076 version 13.0.0 Release 13)

ETSI TS 146081 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.081 version 13.0.0 Release 13)

ETSI TS 146082 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.082 version 13.0.0 Release 13)

ETSI TR 146085 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation (3GPP TR 46.085 version 13.0.0 Release 13)

ETSI TS 148001 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – General aspects (3GPP TS 48.001 version 13.0.0 Release 13)

ETSI TS 148002 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – Interface principles (3GPP TS 48.002 version 13.0.0 Release 13)

ETSI TS 148004 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – Layer 1 specification (3GPP TS 48.004 version 13.0.0 Release 13)

ETSI TS 148006 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Signalling transport mechanism Specification for the Base Station System – Mobile Services Switching Centre (BSS – MSC) interface (3GPP TS 48.006 version 13.0.0 Release 13)

ETSI TS 148008 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Mobile Switching Centre – Base Station system (MSC-BSS) interface – Layer 3 specification (3GPP TS 48.008 version 13.0.0 Release 13)

ETSI TS 148014 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) interface – Gb interface Layer 1 (3GPP TS 48.014 version 13.0.0 Release 13)

ETSI TS 148016 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) interface – Network service (3GPP TS 48.016 version 13.0.0 Release 13)

ETSI TS 148018 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) – BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 13.0.0 Release 13)

ETSI TS 148020 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Rate adaption on the Base Station System – Mobile-services Switching Centre (BSS – MSC) interface (3GPP TS 48.020 version 13.0.0 Release 13)

ETSI TS 148031 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Serving Mobile Location Centre – Serving Mobile Location Centre (SMLC – SMLC) – SMLCPP specification (3GPP TS 48.031 version 13.0.0 Release 13)

ETSI TS 148049 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Cell Broadcast Centre (BSC-CBC) interface specification – Cell Broadcast Service Protocol (CBSP) (3GPP TS 48.049 version 13.0.0 Release 13)

ETSI TS 148051 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – General aspects (3GPP TS 48.051 version 13.0.0 Release 13)

ETSI TS 148052 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Interface principles (3GPP TS 48.052 version 13.0.0 Release 13)

ETSI TS 148054 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Layer 1 structure of physical circuits (3GPP TS 48.054 version 13.0.0 Release 13)

ETSI TS 148056 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Layer 2 specification (3GPP TS 48.056 version 13.0.0 Release 13)

ETSI TS 148058 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station Controller – Base Transceiver Station (BSC – BTS) Interface – Layer 3 specification (3GPP TS 48.058 version 13.0.0 Release 13)

ETSI TS 148060 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – In-band control of remote transcoders and rate adaptors for full rate traffic channels (3GPP TS 48.060 version 13.0.0 Release 13)

ETSI TS 148061 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – In-band control of remote transcoders and rate adaptors for half rate traffic channels (3GPP TS 48.061 version 13.0.0 Release 13)

ETSI TS 148071 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Serving Mobile Location Centre – Base Station System (SMLC-BSS) interface – Layer 3 specification (3GPP TS 48.071 version 13.0.0 Release 13)

ETSI TS 148103 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station System – Media GateWay (BSS-MGW) interface – User plane transport mechanism (3GPP TS 48.103 version 13.0.0 Release 13)

ETSI TS 149008 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Application of the Base Station System Application Part (BSSAP) on the E interface (3GPP TS 49.008 version 13.0.0 Release 13)

ETSI TS 149031 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Base Station System Application Part LCS Extension (BSSAP-LE) (3GPP TS 49.031 version 13.0.0 Release 13)

ETSI TR 149995 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles (3GPP TR 49.995 version 13.0.0 Release 13)

ETSI TS 151010-5 V 10.15.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS) (3GPP TS 51.010-5 version 10.15.0 Release 10)

ETSI TS 151021 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects (3GPP TS 51.021 version 13.0.0 Release 13)

ETSI TS 151026 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Part 4: Repeaters (3GPP TS 51.026 version 13.0.0 Release 13)

ETSI TS 152021 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Network Management (NM) procedures and messages on the A-bis interface (3GPP TS 52.021 version 13.0.0 Release 13)

ETSI TS 155205 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8 (3GPP TS 55.205 version 13.0.0 Release 13)

ETSI TS 155216 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 1: A5/3 and GEA3 specifications (3GPP TS 55.216 version 13.0.0 Release 13)

ETSI TS 155217 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 2: Implementors' test data (3GPP TS 55.217 version 13.0.0 Release 13)

ETSI TS 155218 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 3: Design conformance test data (3GPP TS 55.218 version 13.0.0 Release 13)

ETSI TS 155226 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/4 Encryption Algorithms for GSM and ECSD, and the GEA4 Encryption Algorithm for GPRS (3GPP TS 55.226 version 13.0.0 Release 13)

ETSI TS 155236 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – Specification of A8 V MILENAGE Algorithm: An example algorithm for the key generation function A8 V (3GPP TS 55.236 version 13.0.0 Release 13)

ETSI TR 155919 V 13.0.0:2016-01
Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 4: Design and evaluation report (3GPP TR 55.919 version 13.0.0 Release 13)

33.070.99 Ostale pokretne službe

Europska normizacija
ETSI

EN 301025 V 2.1.1:2015-12
VHF radiotelephone equipment for general communications and associated equipment for Class 'D' Digital Selective Calling (DSC) – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of the Directive 2014/53/EU

ETSI TS 122179 V 13.3.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Mission Critical Push to Talk (MCPTT) over LTE – Stage 1 (3GPP TS 22.179 version 13.3.0 Release 13)

ETSI TS 123179 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Functional architecture and information flows to support mission critical communication services – (3GPP TS 23.179 version 13.0.0 Release 13)

ETSI TS 124103 V 12.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telepresence using the IP Multimedia (IM) Core Network (CN) Subsystem (IMS) – Stage 3 (3GPP TS 24.103 version 12.4.0 Release 12)

ETSI TS 124371 V 12.4.0:2016-01
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 12.4.0 Release 12)

ETSI TR 124969 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Business trunking – Next Generation Corporate Network (NGCN) – Next Generation Network (NGN) interfaces implementation guide (3GPP TR 24.969 version 13.0.0 Release 13)

ETSI TS 125327 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – High Speed Packet Access (HSPA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band and multi-carrier configuration (3GPP TS 25.327 version 13.0.0 Release 13)

ETSI TS 126443 V 12.4.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – ANSI C code (floating-point) (3GPP TS 26.443 version 12.4.0 Release 12)

ETSI TS 126443 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – ANSI C code (floating-point) (3GPP TS 26.443 version 13.0.0 Release 13)

ETSI TR 126949 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Video formats for 3GPP services (3GPP TR 26.949 version 13.0.0 Release 13)

ETSI TR 126952 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Performance characterization (3GPP TR 26.952 version 13.0.0 Release 13)

ETSI TR 126980 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia telephony over IP Multimedia Subsystem (IMS) – Media handling aspects of multi-stream multiparty conferencing for Multimedia Telephony Service for IMS (MTSI) (3GPP TR 26.980 version 13.0.0 Release 13)

ETSI TS 129155 V 13.0.0:2016-01
LTE – Traffic steering control – Representational State Transfer (REST) over St reference point (3GPP TS 29.155 version 13.0.0 Release 13)

ZETSI TR 129949 V 12.1.0:2015-07
Universal Mobile Telecommunications System (UMTS) – LTE – Study on technical aspects on roaming end-to-end scenarios with Voice over LTE (VoLTE) IP Multimedia Subsystem (IMS) and other networks (3GPP TR 29.949 version 12.1.0 Release 12)

ETSI TR 129949 V 12.2.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study on technical aspects on roaming end-to-end scenarios with Voice over LTE (VoLTE) IP Multimedia Subsystem (IMS) and other networks (3GPP TR 29.949 version 12.2.0 Release 12)

ETSI TR 129949 V 13.3.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Study on technical aspects on roaming end-to-end scenarios with Voice over LTE (VoLTE) IP Multimedia Subsystem (IMS) and other networks (3GPP TR 29.949 version 13.3.0 Release 13)

ETSI TR 135934 V 13.0.0:2016-01
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 4: Report on the design and evaluation (3GPP TR 35.934 version 13.0.0 Release 13)

ETSI TR 135935 V 13.0.0:2016-01
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 5: Performance evaluation (3GPP TR 35.935 version 13.0.0 Release 13)

ETSI TR 135936 V 13.0.0:2016-01
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 6: Security assessment (3GPP TR 35.936 version 13.0.0 Release 13)

ETSI TS 136112 V 13.0.1:2016-01
LTE – Location Measurement Unit (LMU) conformance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 36.112 version 13.0.1 Release 13)

ETSI TS 136425 V 13.0.0:2016-01
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 interface user plane protocol (3GPP TS 36.425 version 13.0.0 Release 13)

ETSI TR 136904 V 12.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 12.0.0 Release 12)

ETSI TR 136905 V 12.0.0:2016-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 12.0.0 Release 12)

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija
ETSI

EN 50561-3:2016-01
Power line communication apparatus used in low-voltage installations – Radio disturbance characteristics – Limits and methods of measurement – Part 3: Apparatus operating above 30 MHz

EN 301025 V 2.1.1:2015-12
VHF radiotelephone equipment for general communications and associated equipment for Class 'D' Digital Selective Calling (DSC) – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of the Directive 2014/53/EU

33.100.10 Zračenje

Europska normizacija
ETSI

EN 300225 V 1.5.1:2015
Electromagnetic compatibility and Radio spectrum Matters (ERM) - Technical characteristics and methods of measurement for survival craft portable VHF radiotelephone apparatus

EN 300676-2 V 2.1.1:2015
Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation - Part 2: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

EN 302617-2 V 2.1.1:2015
Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation - Part 2: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

ETSI TR 101651 V 2.1.1:2016-01
Classification of the electromagnetic environment conditions for equipment in telecommunication networks

ETSI TR 103088 V 1.3.1:2016-01
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Using the ETSI EN 301489 series of EMC standards

ETSI TR 103263 V 1.2.1:2016-02
System Reference document (SRdoc) – Cognitive radio techniques for Satellite Communications operating in Ka band

Međunarodna normizacija
IEC

IEC/TR 61000-4-37:2016-01
Electromagnetic compatibility (EMC) – Part 4-37: Testing and measurement techniques – Calibration and verification protocol for harmonic emission compliance test systems

33.100.20 Otpornost

Međunarodna normizacija
IEC

IEC 61000-4-13 AMD 2:2015
Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests

IEC 61000-4-13 Edition 1.2:2015
Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests

IEC 61000-4-16:2015
Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz

IEC 60118-13:2016-01
Electroacoustics – Hearing aids – Part 13: Electromagnetic compatibility (EMC)

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija
CENELEC

EN 60966-2-7:2016-01
Radio frequency and coaxial cable assemblies – Part 2-7: Detail specification for cable assemblies for radio and TV receivers – Frequency range 0 MHz to 3000 MHz, IEC 61169-47 connectors
(IEC 60966-2-7:2015)

EN 61196-10:2016-01
Coaxial communication cables – Part 10: Sectional specification for semi-rigid cables with polytetrafluoroethylene (PTFE) dielectric (IEC 61196-10:2014)

Međunarodna normizacija
IEC

IEC 61935-1:2015
Specification for the testing of balanced and coaxial information technology cabling - Part 1: Installed balanced cabling as specified in ISO/IEC 11801 and related standards

IEC 62153-4-7:2015
Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z_T and screening attenuation a_s or coupling attenuation a_C of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube

IEC 62153-4-15:2015
Metallic communication cable test methods - Part 4-15: Electromagnetic compatibility (EMC) - Test method for measuring transfer impedance and screening attenuation - or coupling attenuation with triaxial cell

IEC 61196-1-110:2016-01
Coaxial communication cables – Part 1-110: Electrical test methods – Test for continuity

IEC 61196-4-1:2016-01
Coaxial communication cables – Part 4-1: Blank detail specification for radiating cables

IEC 61196-11:2016-01
Coaxial communication cables – Part 11: Sectional specification for semi-rigid cables with polyethylene (PE) dielectric

IEC 61196-11-1:2016-01
Coaxial communication cables – Part 11-1: Blank detail specification for semi-rigid cables with polyethylene (PE) dielectric

33.140 Posebna mjerna oprema za upotrebu u telekomunikacijama

Europska normizacija
CENELEC

EN 62087-2:2016-01
Audio, video, and related equipment – Determination of power consumption – Part 2: Signals and media (IEC 62087-2:2015)

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Europska normizacija
CENELEC

EN 62333-2:2006/A1:2015
Noise suppression sheet for digital devices and equipment - Part 2: Measuring method (IEC 62333-2:2006/A1:2015)

EN 62368-1:2014/AC:2015
Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

Međunarodna normizacija
IEC

IEC 60065 Corrigendum 1:2015
Audio, video and similar electronic apparatus - Safety-requirements; Corrigendum 1

IEC 62911:2016-01
Audio, video and information technology equipment – Routine electrical safety testing in production

33.160.50 Pribor

Europska normizacija
CENELEC

EN 62459:2011/AC:2016
Sound system equipment - Electroacoustic transducers - Measurement of suspension parts

33.160.60 Multimedijski sustavi i telekonferencijska oprema

Europska normizacija
CENELEC

EN 62842:2015
File allocation system with minimized reallocation for multimedia home server (IEC 62842:2015)

33.160.99 Ostala audiooprema, videooprema i audiovizualna oprema

Međunarodna normizacija
IEC

IEC 62665:2015
Multimedia systems and equipment - Multimedia e-publishing and e-book technologies - Texture map for auditory presentation of printed texts

33.170 Televizijski i radijski prijenos

Europska normizacija
ETSI

ETSI TS 101547-1 V 1.2.1:2015
Digital Video Broadcasting (DVB) - Plano-stereoscopic 3DTV - Part 1: Overview of the multipart

ETSI TS 101756 V 1.8.1:2015
Digital Audio Broadcasting (DAB) - Registered Tables

ETSI TS 102991 V 1.3.1:2016-01
Digital Video Broadcasting (DVB) – Implementation Guidelines for a second generation digital cable transmission system (DVB-C2)

33.180.01 Svjetlovodni sustavi općenito

Međunarodna normizacija
IEC

IEC/TR 61282-14:2016-01
Fibre optic communication system design guides – Part 14: Determination of the uncertainties of attenuation measurements in fibre plants

33.180.10 Svjetlovodna vlakna i kabeli

Međunarodna normizacija
IEC

IEC 60794-3-70:2016-01
Optical fibre cables – Part 3-70: Outdoor cables – Family specification for outdoor optical fibre cables for rapid/multiple deployment

33.180.20 Svjetlovodni vezne naprave

Europska normizacija
CENELEC

EN 50411-3-5:2015
Fibre organisers and closures to be used in optical fibre communication systems - Product specifications - Part 3-5: Wall outlet

EN 61300-3-21:2015
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-21: Examinations and measurements - Switching time (IEC 61300-3-21:2014)

EN 50411-3-8:2016-01
Fibre organizers and closures to be used in optical fibre communication systems – Product specifications – Part 3-8: Fibre management system, terminal equipment box type 1 for category C

Međunarodna normizacija
IEC

IEC 61753-381-2:2016-01
Fibre optic interconnecting devices and passive components – Performance standard – Part 381-2: Cyclic arrayed waveguide grating – Category C (controlled environment)

IEC 61753-381-6 : 2016-01
Fibre optic interconnecting devices and passive components – Performance standard – Part 381-6: Cyclic arrayed waveguide grating – Category O (uncontrolled environment)

IEC 61754-31:2016-01
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 31: Type N-FO connector family

IEC/TR 62627-01:2016-01
Fibre optic interconnecting devices and passive components – Part 01: Fibre optic connector cleaning methods

IEC/TR 62627-08:2016-01
Fibre optic interconnecting devices and passive components – Part 08: Study of optical power blocking measurement methods for adaptors with an optical power blocking shutter

33.180.30 Optička pojačala

Europska normizacija
CENELEC

EN 62343-1-2:2015
Dynamic modules - Part 1-2: Performance standards - Tuneable chromatic dispersion compensator (non-connectorized) (IEC 62343-1-2:2015)

33.180.99 Ostala svjetlovodna oprema

Europska normizacija
CENELEC

EN 50411-3-8:2016-01
Fibre organizers and closures to be used in optical fibre communication systems – Product specifications – Part 3-8: Fibre management system, terminal equipment box type 1 for category C

Međunarodna normizacija
IEC

IEC 62129-1:2016-01
Calibration of wavelength/optical frequency measurement instruments – Part 1: Optical spectrum analyzers

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija
CENELEC

EN 61970-456/A1:2016-01
Energy management system application program interface (EMS-API) – Part 456: Solved power system state profiles (IEC 61970-456:2013/A1:2015)

ETSI

ETSI TS 103264 V 1.1.1:2015
SmartM2M - Smart Appliances - Reference Ontology and oneM2M Mapping

ETSI TS 103267 V 1.1.1:2015
SmartM2M - Smart Appliances - Communication Framework

ETSI TR 103377 V 0.1.1:2015-10
SmartM2M oneM2M platform for AIOTI (Alliance for Internet of Things Innovation) a common interworking framework for information sharing

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija
ISO

ISO/IEC TR 20000-11:2015
Information technology - Service management - Part 11: Guidance on the relationship between ISO/IEC 20000-1:2011 and service management frameworks: ITIL®

IEC

ISO/IEC TR 20000-11:2015
Information technology - Service management - Part 11: Guidance on the relationship between ISO/IEC 20000-1:2011 and service management frameworks: ITIL®

IEC 62648 AMD 1:2015
Graphical symbols for use on equipment - Guidelines for the inclusion of graphical symbols in IEC publications; Amendment 1

IEC 62648 Edition 1.1:2015
Graphical symbols for use on equipment - Guidelines for the inclusion of graphical symbols in IEC publications

IEC 60950-22:2016-01
Information technology equipment – Safety – Part 22: Equipment to be installed outdoors

35.040 Skupovi znakova i kodiranje informacija

Međunarodna normizacija
ISO/IEC

ISO/IEC 11179-1:2015
Information technology - Metadata registries (MDR) - Part 1: Framework

ISO/IEC 11889-1:2015
Information technology - Trusted Platform Module Library - Part 1: Architecture

ISO/IEC 11889-2:2015
Information technology - Trusted Platform Module Library - Part 2: Structures

ISO/IEC 11889-3:2015
Information technology - Trusted Platform Module Library - Part 3: Commands

ISO/IEC 11889-4:2015
Information technology - Trusted Platform Module Library - Part 4: Supporting Routines

ISO/IEC 14496-27 AMD 6:2015
Information technology - Coding of audio-visual objects - Part 27: 3D Graphics conformance - Amendment 6: Pattern-based 3D mesh coding conformance

ISO/IEC 18477-3:2015
Information technology - Scalable compression and coding of continuous-tone still images - Part 3: Box file format

ISO/IEC TR 20004:2015
Information technology - Security techniques - Refining software vulnerability analysis under ISO/IEC 15408 and ISO/IEC 18045

ISO/IEC 23001-12:2015
Information technology - MPEG systems technologies - Part 12: Sample Variants in the ISO base media file format

ISO/IEC 23009-1 Technical Corrigendum 2:2015
Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats; Technical Corrigendum 2

ISO/IEC 24800-2 AMD 1:2015
Information technology - JPSearch - Part 2: Registration, identification and management of schema and ontology - Amendment 1: JPEG Ontology for Image Description

ISO/IEC 24800-3 AMD 1:2015
Information technology - JPSearch - Part 3: Query format - Amendment 1: JPSearch API

ISO/IEC 27017:2015
Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services

ISO/IEC 17825:2016-01
Information technology – Security techniques – Testing methods for the mitigation of non-invasive attack classes against cryptographic modules

ISO/IEC 18477-6:2016-02
Information technology – Scalable compression and coding of continuous-tone still images – Part 6: IDR Integer Coding

ISO/IEC 18477-7:2016-02
Information technology – Scalable compression and coding of continuous-tone still images – Part 7: HDR Floating-Point Coding

ISO/IEC 29192-4 AMD 1:2016-0
Information technology – Security techniques – Lightweight cryptography – Part 4: Mechanisms using asymmetric techniques; Amendment 1

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Europska normizacija
CENELEC

EN 61804-4:2016-01
Function blocks (FB) for process control and Electronic Device Description Language (EDDL) – Part 4: EDD interpretation (IEC 61804-4:2015)

Međunarodna normizacija
ISO/IEC

ISO/IEC 8652 Technical Corrigendum 1:2016-02
Information technology – Programming languages – Ada; Technical Corrigendum 1

ISO/IEC 13249-3:2016-01
Information technology – Database languages – SQL multimedia and application packages – Part 3: Spatial

35.080 Softver (programska podrška)

Međunarodna normizacija
ISO/IEC

ISO/IEC/IEEE 29119-4:2015
Software and systems engineering - Software testing - Part 4: Test techniques

ISO/IEC TR 13066-2:2016-02
Information technology – Interoperability with assistive technology (AT) – Part 2: Windows accessibility application programming interface (API)

ISO/IEC 30130:2016-02
Software engineering – Capabilities of software testing tools

35.110 Umrežavanje

Europska normizacija
ETSI

ETSI TS 103378 V 1.1.1:2015
Smart Body Area Networks (SmartBAN) Unified data representation formats, semantic and open data model

ETSI GS NFV-EVE 005 V 1.1.1:2015
Network Functions Virtualisation (NFV) - Ecosystem - Report on SDN Usage in NFV Architectural Framework

ETSI GS NFV-IFA 001 V 1.1.1:2015
Network Functions Virtualisation (NFV) - Acceleration Technologies - Report on Acceleration Technologies & Use Cases

ETSI GS NFV-SEC 009 V 1.1.1:2015
Network Functions Virtualisation (NFV) - NFV Security - Report on use cases and technical approaches for multi-layer host administration

ETSI GS NFV-EVE 003 V 1.1.1:2016-01
Network Functions Virtualisation (NFV) – Ecosystem – Report on NFVI Node Physical Architecture Guidelines for Multi-Vendor Environment

ETSI GS NFV-REL 005 V 1.1.1:2016-01
Network Functions Virtualisation (NFV) – Accountability – Report on Quality Accountability Framework

Međunarodna normizacija
ISO

ISO/IEC/IEEE 8802-A:2015
Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Overview and Architecture

ISO/IEC/IEEE 8802-1AX:2016-01
Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1AX: Link aggregation

ISO/IEC 15149-3:2016-01
Information technology – Telecommunications and information exchange between systems – Magnetic field area network (MFAN) – Part 3: Relay Protocol for Extended Range

ISO/IEC 15149-4:2016-01
Information technology – Telecommunications and information exchange between systems – Magnetic field area network (MFAN) – Part 4: Security Protocol for Authentication

IEC

ISO/IEC/IEEE 8802-A:2015
Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Overview and Architecture

IEC 62601:2015
Industrial networks - Wireless communication network and communication profiles - WIA-PA

IEC 62601:2015
Industrial networks - Wireless communication network and communication profiles - WIA-PA

35.140 Računalna grafika

Međunarodna normizacija
ISO/IEC

ISO/IEC 19776-1:2015
Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 1: Extensible Markup Language (XML) encoding

ISO/IEC 19776-2:2015
Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 2: Classic VRML encoding

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija
ISO

ISO/TR 20278:2015
Unwanted reflections from the active and inactive areas of display surfaces visible during use

35.200 Sučelna i spojna oprema

Europska normizacija
CENELEC

EN 62680-1-1:2015
Universal Serial Bus interfaces for data and power - Part 1-1: Universal Serial Bus interfaces - Common components - USB Battery Charging Specification, Revision (IEC 62680-1-1:2015)

EN 62680-2-1:2015
Universal Serial Bus interfaces for data and power - Part 2-1: Universal Serial Bus Specification, Revision 2.0 (IEC 62680-2-1:2015)

EN 62680-2-2:2015
Universal Serial Bus interfaces for data and power - Part 2-2: Universal Serial Bus - Micro-USB Cables and Connectors Specification, Revision 1.01 (IEC 62680-2-2:2015)

EN 62680-2-3:2015
Universal Serial Bus interfaces for data and power - Part 2-3: Universal Serial Bus Cables and Connectors Class Document, Revision 2.0 (IEC 62680-2-3:2015)

35.240.01 Primjene informacijske tehnologije općenito

Europska normizacija
CEN

CWA 16971:2015
Global eBusiness Interoperability Test Bed (GITB) Phase 3: Implementation Specifications and Proof-of-Concept

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija
ISO/IEC

ISO/IEC 7811-9:2015
Identification cards - Recording technique - Part 9: Tactile identifier mark

ISO/IEC 18328-1:2015
Identification cards - ICC-managed devices - Part 1: General framework

ISO/IEC 25185-1:2016-01
Identification cards – Integrated circuit card authentication protocols – Part 1: Protocol for Lightweight Authentication of Identity

ISO/IEC 29794-1 2016-01
Information technology – Biometric sample quality – Part 1: Framework

ISO/IEC 30107-1:2016-01
Information technology – Biometric presentation attack detection – Part 1: Framework

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija
ISO

ISO/IEC 19845:2015
Information technology - Universal Business Language Version 2.1 (UBL v2.1)

ISO/IEC 19757-3:2016-01
Information technology – Document Schema Definition Languages (DSDL) – Part 3: Rule-based validation – Schematron

IEC

IEC 62665:2015
Multimedia systems and equipment - Multimedia e-publishing and e-book technologies - Texture map for auditory presentation of printed texts

ISO/IEC 19845:2015
Information technology - Universal Business Language Version 2.1 (UBL v2.1)

35.240.50 Primjene IT-a u industriji

Europska normizacija
CENELEC

EN 61804-4:2016-01
Function blocks (FB) for process control and Electronic Device Description Language (EDDL) – Part 4: EDD interpretation (IEC 61804-4:2015)

EN 61970-456/A1:2016-01
Energy management system application program interface (EMS-API) – Part 456: Solved power system state profiles (IEC 61970-456:2013/A1:2015)

EN 61987-21:2016-01
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 21: List of Properties (LOP) of automated valves for electronic data exchange – Generic structures (IEC 61987-21:2015)

EN 61987-22:2016-01
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 22: Lists of Properties (LOPs) of valve body assemblies for electronic data exchange (IEC 61987-22:2015)

EN 61987-23:2016-01
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 23: Lists of Properties (LOPs) of actuators for electronic data exchange (IEC 61987-23:2015)

EN 61987-24-1:2016-01
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 24-1: Lists of Properties (LOPs) of positioners and I/P converters for electronic data exchange (IEC 61987-24-1:2015)

Međunarodna normizacija
IEC

IEC 62601:2015
Industrial networks - Wireless communication network and communication profiles - WIA-PA

IEC 62264-4:2015
Enterprise-control system integration - Part 4: Object model attributes for manufacturing operations management integration

IEC 62601:2015
Industrial networks - Wireless communication network and communication profiles - WIA-PA

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija
CEN

EN ISO 12813:2015
Electronic fee collection - Compliance check communication for autonomous systems (ISO 12813:2015)

EN ISO 12855:2015
Electronic fee collection - Information exchange between service provision and toll charging (ISO 12855:2015)

EN ISO 13141:2015
Electronic fee collection - Localisation augmentation communication for autonomous systems (ISO 13141:2015)

Međunarodna normizacija
ISO

ISO 12855:2015
Electronic fee collection - Information exchange between service provision and toll charging

ISO/IEC 19845:2015
Information technology - Universal Business Language Version 2.1 (UBL v2.1)

ISO/IEC TR 20000-11:2015
Information technology - Service management - Part 11: Guidance on the relationship between ISO/IEC 20000-1:2011 and service management frameworks: ITIL®

ISO 17438-1:2016-01
Intelligent transport systems – Indoor navigation for personal and vehicle ITS station – Part 1: General information and use case definition

ISO 17575-1:2016-01
Electronic fee collection – Application interface definition for autonomous systems – Part 1: Charging

ISO 17575-2:2016-01
Electronic fee collection – Application interface definition for autonomous systems – Part 2: Communication and connection to the lower layers

ISO 17575-3:2016-01
Electronic fee collection – Application interface definition for autonomous systems – Part 3: Context data

IEC

ISO/IEC 19845:2015
Information technology - Universal Business Language Version 2.1 (UBL v2.1)

ISO/IEC TR 20000-11:2015
Information technology - Service management - Part 11: Guidance on the relationship between ISO/IEC 20000-1:2011 and service management frameworks: ITIL®

IEC 61375-2-3 Corrigendum 1:2015
Electronic railway equipment - Train communication network (TCN) - Part 2-3: TCN communication profile; Corrigendum 1

35.240.70 Primjene IT-a u znanosti

Europska normizacija
CEN

EN ISO 19109:2015
Geographic information - Rules for application schema (ISO 19109:2015)

Međunarodna normizacija
ISO

ISO 19103:2015
Geographic information - Conceptual schema language

ISO 19160-1:2015
Addressing - Part 1: Conceptual model

ISO 19119:2016-01
Geographic information – Services

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Europska normizacija
CEN

EN ISO 13940:2016-01
Health informatics – System of concepts to support continuity of care (ISO 13940:2015)

Međunarodna normizacija
ISO

ISO 13940:2015
Health informatics - System of concepts to support continuity of care

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija
CENELEC

EN 61968-6:2016-01
Application integration at electric utilities – System interfaces for distribution management – Part 6: Interfaces for maintenance and construction (IEC 61968-6:2015)

ETSI

ETSI TR 103308 V 1.1.1:2016-01
CYBER – Security baseline regarding LI and RD for NFV and related platforms

Međunarodna normizacija
ISO/IEC

ISO/IEC TR 18121:2015
Information technology - Learning, education and training - Virtual experiment framework

37.040.10 Fotografska oprema. Projektori

Međunarodna normizacija
ISO

ISO 19084:2015
Photography - Digital cameras - Chromatic displacement measurements

37.100.99 Ostale norme koje se odnose na grafičku tehnologiju

Međunarodna normizacija
ISO

ISO/ASTM 52900:2015
Additive manufacturing - General principles - Terminology

39.040.10 Ručni i džepni satovi

Međunarodna normizacija
ISO

ISO 3160-2:2015
Watch-cases and accessories - Gold alloy coverings - Part 2: Determination of fineness, thickness, corrosion resistance and adhesion

39.060 Nakit

Međunarodna normizacija
ISO

ISO 8653:2016-01
Jewellery – Ring-sizes – Definition, measurement and designation

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Međunarodna normizacija
ISO

ISO 11898-1:2015
Road vehicles - Controller area network (CAN) - Part 1: Data link layer and physical signalling

43.040.65 Sustavi za laštenje i brisanje stakla

Međunarodna normizacija
ISO

ISO 23013:2016-01
Road vehicles – Determination of resistance to forced entry of security glass constructions used in vehicle glazing – Test of glazing systems

43.060.40 Sustavi goriva

Međunarodna normizacija
ISO

ISO 15500-1:2015
Road vehicles - Compressed natural gas (CNG) fuel system components - Part 1: General requirements and definitions

ISO 15500-7:2015
Road vehicles - Compressed natural gas (CNG) fuel system components - Part 7: Gas injector

ISO 15500-8:2015
Road vehicles - Compressed natural gas (CNG) fuel system components - Part 8: Pressure indicator

ISO 15500-10:2015
Road vehicles - Compressed natural gas (CNG) fuel system components - Part 10: Gas-flow adjuster

ISO 15500-11:2015
Road vehicles - Compressed natural gas (CNG) fuel system components - Part 11: Gas/air mixer

ISO 15500-12:2015
Road vehicles - Compressed natural gas (CNG) fuel system components - Part 12: Pressure relief valve (PRV)

ISO 15500-20:2015
Road vehicles - Compressed natural gas (CNG) fuel system components - Part 20: Rigid fuel line in material other than stainless steel

43.140 Motocikli i mopedi

Međunarodna normizacija
ISO

ISO 18246:2015
Electrically propelled mopeds and motorcycles - Safety requirements for conductive connection to an external electric power supply

ISO 19449:2015
Mopeds - Measurement methods for gaseous exhaust emissions during inspection or maintenance

43.150 Bicikli

Međunarodna normizacija
ISO

ISO 6695:2015
Cycles - Pedal axle and crank assembly with square end fitting - Assembly dimensions

ISO 14878:2015
Cycles - Audible warning devices - Technical specification and test methods

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija
CEN

EN 14531-1:2015
Railway applications - Methods for calculation of stopping and slowing distances and immobilization braking - Part 1: General algorithms utilizing mean value calculation for train sets or single vehicles

EN 14531-2:2015
Railway applications - Methods for calculation of stopping and slowing distances and immobilization braking - Part 2: Step by step calculations for train sets or single vehicles

EN 14535-3:2015
Railway applications - Brake discs for railway rolling stock - Part 3: Brake discs, performance of the disc and the friction couple, classification

EN 16683:2015
Railway applications - Call for aid and communication device - Requirements

EN 16404:2016-01
Railway applications – Re-railing and recovery requirements for railway vehicles

Međunarodna normizacija
IEC

IEC 61377:2016-01
Railway applications – Rolling stock – Combined test method for traction systems

IEC 62625-2:2016-01
Electronic railway equipment – On board driving data recording system – Part 2: Conformity testing

45.060.10 Vučna vozila

Europska normizacija
CEN

CEN/TR 16823:2015
Railway applications - Driver's cab - Background information on anthropometric data

CENELEC

EN 50405:2015
Railway applications - Current collection systems - Pantographs, testing methods for contact strips

Međunarodna normizacija
IEC

IEC 60310:2016-01
Railway applications – Traction transformers and inductors on board rolling stock

47.020.01 Opće norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija
ISO

ISO 29404:2015
Ships and marine technology - Offshore wind energy - Supply chain information flow

47.020.50 Palubna oprema i instalacije

Međunarodna normizacija
ISO

ISO 5488:2015
Ships and marine technology - Accommodation ladders

ISO 17905:2015
Ships and marine technology - Installation, inspection and maintenance of container securing devices for ships

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija
ETSI

EN 301178 V 2.1.1:2015
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

EN 301466 V 1.2.1:2015
Technical characteristics and methods of measurement for two-way VHF radiotelephone apparatus for fixed installation in survival craft

47.040 Morska plovila

Međunarodna normizacija
ISO

ISO 7061:2015
Ships and marine technology - Aluminium shore gangways for seagoing vessels

47.080 Mala plovila

Europska normizacija
CEN

EN ISO 9094:2015
Small craft - Fire protection (ISO 9094:2015)

EN ISO 21487:2012/A2:2015
Small craft - Permanently installed petrol and diesel fuel tanks - Amendment 2
(ISO 21487:2012/Amd 2:2015)

ETSI

EN 301466 V 1.2.1:2015
Technical characteristics and methods of measurement for two-way VHF radiotelephone apparatus for fixed installation in survival craft

Međunarodna normizacija
ISO

ISO 13363:2016-01
Rubber and plastics hoses for marine-engine wet-exhaust systems – Specification

49.020 Zrakoplovi i svemirska vozila općenito

Europska normizacija
CEN

EN 9102:2015
Aerospace series - Quality systems - First article inspection requirements

EN 9114:2015
Aerospace series - Quality systems - Direct Ship Guidance for Aerospace Companies

EN 9116:2015
Aerospace series - Notice of Change (NOC) Requirements

EN 9131:2016
Aerospace series - Quality Management Systems - Nonconformance Data Definition and Documentation

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija
CEN

EN 3660-002:2016
Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 002: Index of product standards

EN 3660-062:2016
Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 062: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self-locking for EN 3645 - Product standard

EN 3660-064:2016
Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 064: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self-locking for EN 2997 - Product standard

EN 3660-065:2016
Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 065: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self locking - Product standard

EN 4644-011:2015
Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 011: Plug, size 1, without mounting holes, class A, C and E - Product standard

EN 4644-013:2015
Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 013: Plug, size 1, with ground block, without mounting holes, class B and F - Product standard

EN 4644-131:2015
Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 131: Size 3 plug for rack and panel applications, class C and D - Product standard

EN 4830-003:2015
Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 003: Module - Product standard

EN 4830-004:2015
Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 004: Extraction tool - Product standard

EN 3660-001:2016-01
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 001: Technical specification

EN 4531-002:2016-01
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 002: Specification of performance and contact arrangements

EN 4531-101:2016-01
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 101: Optical contact for EN 4641 multimode cable -55 °C to 125 °C – Product standard

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija
CEN

EN 4644-011:2015
Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 011: Plug, size 1, without mounting holes, class A, C and E - Product standard

EN 4644-013:2015
Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 013: Plug, size 1, with ground block, without mounting holes, class B and F - Product standard

EN 4644-131:2015
Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 131: Size 3 plug for rack and panel applications, class C and D - Product standard

EN 4830-001:2015
Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 001: Technical specification

EN 4830-002:2015
Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 002: Specification of performance

EN 4531-201:2016-01
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 201: Optical contact for EN 4641 singlemode cable -55 °C to 125 °C – Product standard

ETSI

EN 300676-2 V 2.1.1:2015
Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation - Part 2: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

Međunarodna normizacija
IEC

IEC 62396-1:2016-01
Process management for avionics – Atmospheric radiation effects – Part 1: Accommodation of atmospheric radiation effects via single event effects within avionics electronic equipment

49.100 Zemaljska služba i oprema za održavanje

Međunarodna normizacija
ISO

ISO 9667:2016-01
Aircraft ground support equipment – Tow bars

53.020.30 Pribor za opremu za dizanje

Europska normizacija
CEN

EN ISO 3266:2010/A1:2015
Forged steel eyebolts grade 4 for general lifting purposes (ISO 3266:2010/Amd 1:2015)

53.060 Industrijski prijevozni sustavi

Međunarodna normizacija
ISO

ISO 10896-5:2015
Rough-terrain trucks - Safety requirements and verification - Part 5: Interface between rough-terrain truck and integrated personnel work platform

ISO 10896-6:2015
Rough-terrain trucks - Safety requirements and verification - Part 6: Tilting operator's cabs

ISO 18479-1:2015
Rough-terrain trucks - Non-integrated personnel work platforms - Part 1: Design, safety requirements and verification

ISO 3691-2:2016-01
Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks

ISO 22915-1:2016-01
Industrial trucks – Verification of stability – Part 1: General

55.020 Ambalaža, pakiranje i distribucija robe općenito

Europska normizacija
CEN

EN ISO 780:2015
Packaging - Distribution packaging - Graphical symbols for handling and storage of packages (ISO 780:2015)

55.180.30 Zrakoplovni kontejneri, palete i mreže

Međunarodna normizacija
ISO

ISO 19281:2016-02
Air cargo – Fire resistant containers – Design, performance and testing requirements

59.060.10 Prirodna vlakna

Europska normizacija
CEN

EN ISO 137:2015
Wool - Determination of fibre diameter - Projection microscope method (ISO 137:2015)

59.080.01 Tekstili općenito

Europska normizacija
CEN

EN ISO 16373-1:2015
Textiles - Dyestuffs - Part 1: General principles of testing coloured textiles for dyestuff identification (ISO 16373-1:2015)

Međunarodna normizacija
ISO

ISO 16373-1:2015
Textiles - Dyestuffs - Part 1: General principles of testing coloured textiles for dyestuff identification

ISO 17881-1:2016-02
Textiles – Determination of certain flame retardants – Part 1: Brominated flame retardants

ISO 17881-2:2016-02
Textiles – Determination of certain flame retardants – Part 2: Phosphorus flame retardants

59.080.30 Tekstilni proizvodi

Međunarodna normizacija
ISO/IEC

ISO 18080-1:2015
Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 1: Test method using corona charging

ISO 18080-2:2015
Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 2: Test method using rotary mechanical friction

ISO 18080-3:2015
Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 3: Test method using manual friction

ISO 18080-4:2015
Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 4: Test method using horizontal mechanical friction

59.080.60 Tekstilne podne obloge

Europska normizacija
CEN

EN 1307+A1:2016-01
Textile floor coverings – Classification

Međunarodna normizacija
ISO

ISO 18168:2015
Textile floor coverings - Colour fastness to shampooing

59.100.10 Tekstilno staklo

Europska normizacija
CEN

EN ISO 2078:1994/A1:2015
Textile glass - Yarns - Designation - Amendment 1 (ISO 2078:1993/Amd 1:2015)

59.100.20 Ugljični materijali

Međunarodna normizacija
ISO

ISO 30012:2016-02
Carbon-fibre-reinforced plastics – Determination of the size and aspect ratio of crushed objects

61.040 Pokrivala za glavu. Odjevni pribor. Zatvaranje odjeće

Europska normizacija
CEN

EN 16732:2015
Slide fasteners (zips) - Specification

61.060 Obuća

Europska normizacija
CEN

CEN/TR 16417:2016-01
Footwear – Footwear industry guideline for substances of very high concern (Annex XIV of REACH)

65.020.30 Stočarstvo i uzgoj

Europska normizacija
CEN

CWA 16979:2016-01
Dog training professionals – Knowledge, skills and competence requirements

65.060.01 Poljoprivredni strojevi i oprema općenito

Europska normizacija
CEN

EN ISO 17989-1:2015
Tractors and machinery for agriculture and forestry - Sustainability - Part 1: Principles (ISO 17989-1:2015)

Međunarodna normizacija
ISO

ISO 17989-1:2015
Tractors and machinery for agriculture and forestry - Sustainability - Part 1: Principles

65.060.50 Oprema za žetvu

Međunarodna normizacija
ISO

ISO 11450 AMD 1:2016-01
Equipment for harvesting and conservation – Round balers – Terminology and commercial specifications; Amendment 1

65.060.70 Oprema za vrtlarstvo

Europska normizacija
CEN

EN 15503+A2:2015
Garden equipment - Garden blowers, vacuums and blower/vacuums - Safety

CENELEC

EN 62841-3-9:2015
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws (IEC 62841-3-9:2014, modified + COR1:2015)

Međunarodna normizacija
ISO

ISO 21628 AMD 1:2015
Gardening machinery - Powered material-collecting systems - Safety; Amendment 1

65.060.80 Oprema za šumarstvo

Europska normizacija
CENELEC

EN 62841-3-9:2015
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws (IEC 62841-3-9:2014, modified + COR1:2015)

Međunarodna normizacija
ISO

ISO 11850 AMD 1:2016-01
Machinery for forestry – General safety requirements; Amendment 1

65.080 Gnojiva

Europska normizacija
CEN

EN 16319+A1:2015
Fertilizers and liming materials - Determination of cadmium, chromium, lead and nickel by inductively coupled plasma-atomic emission spectrometry (ICP-AES) after aqua regia dissolution

EN 16847:2016-01
Fertilizers – Determination of complexing agents in fertilizers – Identification of heptagluconic acid by chromatography

65.150 Ribolov i uzgoj riba

Europska normizacija
CEN

EN 60335-2-86/A11:2016-01
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines

65.160 Duhan, duhanski proizvodi i odgovarajuća oprema

Međunarodna normizacija
ISO

ISO 6565:2015
Tobacco and tobacco products - Draw resistance of cigarettes and pressure drop of filter rods - Standard conditions and measurement

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Europska normizacija
CEN

EN ISO 7973:2015
Cereals and milled cereal products - Determination of the viscosity of flour - Method using an amylograph (ISO 7973:1992)

67.100.10 Mlijeko i obrađeni mliječni proizvodi

Međunarodna normizacija
ISO

ISO 19344:2015
Milk and milk products - Starter cultures, probiotics and fermented products - Quantification of lactic acid bacteria by flow cytometry

67.200.10 Životinjske i biljne masti i ulja

Međunarodna normizacija
ISO

ISO 29841 AMD 1:2016-02
Vegetable fats and oils – Determination of the degradation products of chlorophylls a and a' (pheophytins a, a' and pyropheophytins); Amendment 1

67.200.20 Uljarice

Europska normizacija
CEN

EN ISO 734:2015
Oilseed meals - Determination of oil content - Extraction method with hexane (or light petroleum) (ISO 734:2015)

67.250 Materijali i predmeti u dodiru s hranom

Europska normizacija
CEN

EN 1420:2016-01
Influence of organic materials on water intended for human consumption – Determination of odour and flavour assessment of water in piping systems

67.260 Postrojenja i oprema za prehrambenu industriju

Europska normizacija
CEN

EN ISO 5223:2015
Test sieves for cereals (ISO 5223:1995, including Amendment 1:1999)

EN 16743:2016-01
Food processing machinery – Automatic industrial slicing machines – Safety and hygiene requirements

EN 16754:2016-01
Artisan Gelato and ice cream machinery – Performance characteristics and energy consumption

EN 16764:2016-01
Soft ice cream machines – Performance and evaluation of energy consumption

71.020 Proizvodnja u kemijskoj industriji

Međunarodna normizacija
ISO

ISO/TR 15916:2015
Basic considerations for the safety of hydrogen systems

71.040.20 Laboratorijsko posuđe i odgovarajuća aparatura

Europska normizacija
CEN

EN ISO 384:2015
Laboratory glass and plastics ware - Principles of design and construction of volumetric instruments (ISO 384:2015)

EN ISO 3819:2015
Laboratory glassware - Beakers (ISO 3819:2015)

EN ISO 4797:2015
Laboratory glassware - Boiling flasks with conical ground joints (ISO 4797:2015)

Međunarodna normizacija
ISO

ISO 384:2015
Laboratory glass and plastics ware - Principles of design and construction of volumetric instruments

ISO 3819:2015
Laboratory glassware - Beakers

ISO 4797:2015
Laboratory glassware - Boiling flasks with conical ground joints

ISO 4796-1:2016-01
Laboratory glassware – Bottles – Part 1: Screw-neck bottles

ISO 16496:2016-02
Laboratory glassware – Vacuum-jacketed vessels for heat insulation

71.040.40 Kemijska analiza

Europska normizacija
CEN

EN 16785-1:2015
Bio-based products - Bio-based content - Part 1: Determination of the bio-based content using the radiocarbon analysis and elemental analysis

Međunarodna normizacija
ISO

ISO 14606:2015
Surface chemical analysis - Sputter depth profiling - Optimization using layered systems as reference materials

71.100.20 Plinovi za industrijsku primjenu

Međunarodna normizacija
ISO

ISO/TR 15916:2015
Basic considerations for the safety of hydrogen systems

71.100.30 Eksplozivi. Pirotehnika i pirotehnička sredstva

Europska normizacija
CEN

EN 16265:2015
Pyrotechnic articles - Other pyrotechnic articles - Ignition devices

71.100.70 Kozmetika. Toaletne potrepštine

Europska normizacija
CEN

EN ISO 18416:2015
Cosmetics - Microbiology - Detection of Candida albicans (ISO 18416:2015)

EN ISO 21150:2015
Cosmetics - Microbiology - Detection of Escherichia coli (ISO 21150:2015)

EN ISO 22717:2015
Cosmetics - Microbiology - Detection of Pseudomonas aeruginosa (ISO 22717:2015)

EN ISO 22718:2015
Cosmetics - Microbiology - Detection of Staphylococcus aureus (ISO 22718:2015)

73.060.10 Željezove rude

Međunarodna normizacija
ISO

ISO 15968:2016-02
Direct reduced iron – Determination of apparent density and water absorption of hot briquetted iron (HBI)

75.060 Prirodni plin

Europska normizacija
CEN

EN 16726:2015
Gas infrastructure - Quality of gas - Group H

75.120 Hidraulične tekućine

Europska normizacija
CEN

EN ISO 4263-3:2015
Petroleum and related products - Determination of the ageing behaviour of inhibited oils and fluids using the TOST test - Part 3: Anhydrous procedure for synthetic hydraulic fluids (ISO 4263-3:2015)

75.140 Vosak, bitumenski materijali i ostali naftni proizvodi

Europska normizacija
CEN

EN 16659:2015
Bitumen and Bituminous Binders - Multiple Stress Creep and Recovery Test (MSCRT)

75.160.10 Kruta goriva

Europska normizacija
CEN

EN ISO 17828:2015
Solid biofuels - Determination of bulk density (ISO 17828:2015)

EN ISO 17831-1:2015
Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets (ISO 17831-1:2015)

EN ISO 17831-2:2015
Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 2: Briquettes (ISO 17831-2:2015)

Međunarodna normizacija
ISO

ISO 17828:2015
Solid biofuels - Determination of bulk density

ISO 17831-1:2015
Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets

ISO 17831-2:2015
Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 2: Briquettes

75.180.10 Oprema za iskorištavanje i vađenje

Međunarodna normizacija
ISO

ISO 19905-1:2016-01
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 1: Jack-ups

75.180.30 Volumetrijska oprema i mjerenja

Europska normizacija
CEN

EN 1776:2015
Furniture - Chairs and tables for educational institutions - Part 2: Safety requirements and test methods

Međunarodna normizacija
ISO

ISO 10976:2015
Refrigerated light hydrocarbon fluids - Measurement of cargoes on board LNG carriers

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Europska normizacija
CEN

CEN ISO/TR 12489:2016-01
Petroleum, petrochemical and natural gas industries – Reliability modelling and calculation of safety systems (ISO/TR 12489:2013)

77.040.10 Mehaničko ispitivanje metala

Europska normizacija
CEN

EN ISO 7500-1:2015
Metallic materials - Calibration and verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Calibration and verification of the force- measuring system (ISO 7500-1:2015)

EN ISO 7438:2016-01
Metallic materials – Bend test (ISO 7438:2016)

Međunarodna normizacija
ISO

ISO 7500-1:2015
Metallic materials - Calibration and verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Calibration and verification of the force- measuring system

ISO 26843:2015
Metallic materials - Measurement of fracture toughness at impact loading rates using precracked Charpy-type test pieces

ISO 7438:2016-01
Metallic materials – Bend test

77.040.20 Nerazorno ispitivanje metala

Međunarodna normizacija
ISO

ISO 17577:2016-01
Steel – Ultrasonic testing of steel flat products of thickness equal to or greater than 6 mm

77.040.30 Kemijska analiza metala

Međunarodna normizacija
ISO

ISO 4939:2016-02
Steel – Determination of nickel – Dimethylglyoxime spectrophotometric method

77.060 Korozija metala

Međunarodna normizacija
ISO

ISO 21207:2015
Corrosion tests in artificial atmospheres - Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying

77.120.30 Bakar i legure bakra

Europska normizacija
CEN

EN 1503-4:2016-02
Valves – Materials for bodies, bonnets and covers – Part 4: Copper alloys specified in European Standards

77.140.15 Čelici za armiranje betona

Međunarodna normizacija
ISO

ISO 6935-2:2015
Steel for the reinforcement of concrete - Part 2: Ribbed bars

77.140.30 Čelici za tlačne svrhe

Međunarodna normizacija
ISO

ISO 4991:2015
Steel castings for pressure purposes

77.140.50 Proizvodi i poluproizvodi od plosnatog čelika

Međunarodna normizacija
ISO

ISO 17577:2016-01
Steel – Ultrasonic testing of steel flat products of thickness equal to or greater than 6 mm

77.140.80 Odljevci od željeznog lijeva i čelični odljevci

Međunarodna normizacija
ISO

ISO 4991:2015
Steel castings for pressure purposes

ISO 14737:2015
Carbon and low alloy cast steels for general applications

77.150.10 Proizvodi od aluminija

Europska normizacija
CEN

EN 16773:2016-01
Aluminium and aluminium alloys – Guideline for the production of foil-stock in the field of semi rigid foodstuff containers

79.060.01 Ploče na osnovi drva općenito

Europska normizacija
CEN

EN ISO 12460-5:2015
Wood-based panels - Determination of formaldehyde release - Part 5: Extraction method (called the perforator method) (ISO 12460-5:2015)

Međunarodna normizacija
ISO

ISO 12460-4:2016-01
Wood-based panels – Determination of formaldehyde release – Part 4: Desiccator method

79.060.20 Ploče vlaknatice i ploče iverice

Međunarodna normizacija
ISO

ISO 16893:2016-01
Wood-based panels – Particleboard

ISO 16895:2016-02
Wood-based panels – Dry-process fibreboard

81.040.20 Staklo u graditeljstvu

Europska normizacija
CEN

EN 1096-5:2016-01
Glass in building – Coated glass – Part 5 – Test method and classification for the self-cleaning performances of coated glass surfaces

EN 15681-1:2016-01
Glass in building – Basic alumino silicate glass products – Part 1: Definitions and general physical and mechanical properties

Međunarodna normizacija
ISO

ISO 29584:2015
Glass in building - Pendulum impact testing and classification of safety glass

83.040.20 Sastojci gume

Međunarodna normizacija
ISO

ISO 11235:2016-01
Rubber compounding ingredients – Sulfenamide accelerators – Test methods

83.060 Guma

Međunarodna normizacija
ISO

ISO 4665:2016-01
Rubber, vulcanized or thermoplastic – Resistance to weathering

ISO 6502:2016-01
Rubber – Guide to the use of curemeters

83.080.01 Plastika općenito

Europska normizacija
CEN

EN 16795:2015
Plastics - Method for estimating heat build up of flat surfaces by simulated solar radiation

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

83.140.10 Filmovi i ploče

Europska normizacija
CEN

EN ISO 6383-1:2015
Plastics - Film and sheeting - Determination of tear resistance - Part 1: Trouser tear method (ISO 6383-1:2015)

Međunarodna normizacija
ISO

ISO 6383-1:2015
Plastics - Film and sheeting - Determination of tear resistance - Part 1: Trouser tear method

83.160.01 Gume za vozila općenito

Međunarodna normizacija
ISO

ISO 17464:2016-02
Pneumatic tubes for automotive vehicles – Technical requirements and test methods

83.180 Adhezivi

Europska normizacija
CEN

EN 923:2015
Adhesives - Terms and definitions

85.080.30 Karton

Međunarodna normizacija
ISO

ISO 11093-5:2016-02
Paper and board – Testing of cores – Part 5: Determination of characteristics of concentric rotation

87.040 Boje i lakovi

Međunarodna normizacija
ISO

ISO 4628-1:2016-01
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 1: General introduction and designation system

ISO 4628-2:2016-01
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2: Assessment of degree of blistering

ISO 4628-3:2016-01
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting

ISO 4628-4:2016-01
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 4: Assessment of degree of cracking

ISO 4628-5:2016-01
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking

ISO 4628-7:2016-01
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 7: Assessment of degree of chalking by velvet method

ISO 4628-10:2016-01
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 10: Assessment of degree of filiform corrosion

87.060.20 Veziva

Europska normizacija
CEN

EN ISO 4630:2015
Clear liquids - Estimation of colour by the Gardner colour scale (ISO 4630:2015)

EN ISO 6271:2015
Clear liquids - Estimation of colour by the platinum-cobalt colour scale (ISO 6271:2015)

Međunarodna normizacija
ISO

ISO 4630:2015
Clear liquids - Estimation of colour by the Gardner colour scale

ISO 6271:2015
Clear liquids - Estimation of colour by the platinum-cobalt colour scale

87.080 Tinte. Tiskarske tinte

Međunarodna normizacija
ISO

ISO 12632:2015
Graphic technology - Ink, paper and labels - Requirements on hot alkali penetration and resistance

91.040.10 Javne građevine

Međunarodna normizacija
ISO

ISO 19026:2015
Accessible design - Shape and colour of a flushing button and a call button, and their arrangement with a paper dispenser installed on the wall in public restroom

91.060.40 Dimnjaci, okna, kanali

Europska normizacija
CEN

EN 16475-7:2016-01
Chimneys – Accessories – Part 7: Rain caps – Requirements and test methods

91.060.50 Vrata i prozori

Europska normizacija
CEN

EN 1628+A1:2015
Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under static loading

EN 1629+A1:2015
Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading

EN 1630+A1:2015
Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance to manual burglary attempts

91.100.01 Građevni materijali općenito

Međunarodna normizacija
ISO

ISO 15148 AMD 1:2016-01
Hygrothermal performance of building materials and products – Determination of water absorption coefficient by partial immersion; Amendment 1

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija
CEN

EN 16659:2015
Bitumen and Bituminous Binders - Multiple Stress Creep and Recovery Test (MSCRT)

Međunarodna normizacija
ISO

ISO 19863:2016-01
Buildings and civil engineering works – Sealants – Determination of tear resistance

91.100.60 Materijali za toplinsku i zvučnu izolaciju

Europska normizacija
CEN

EN 14303:2015
Thermal insulation products for building equipment and industrial installations - Factory made mineral wool (MW) products – Specification

EN 14304:2015
Thermal insulation products for building equipment and industrial installations - Factory made flexible elastomeric foam (FEF) products - Specification

EN 14305:2015
Thermal insulation products for building equipment and industrial installations - Factory made cellular glass (CG) products – Specification

EN 14306:2015
Thermal insulation products for building equipment and industrial installations - Factory made calcium silicate (CS) products – Specification

EN 14307:2015
Thermal insulation products for building equipment and industrial installations - Factory made extruded polystyrene foam (XPS) products – Specification

EN 14308:2015
Thermal insulation products for building equipment and industrial installations - Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products – Specification

EN 14309:2015
Thermal insulation products for building equipment and industrial installations - Factory made products of expanded polystyrene (EPS) – Specification

EN 14313:2015
Thermal insulation products for building equipment and industrial installations - Factory made polyethylene foam (PEF) products – Specification

EN 14314:2015
Thermal insulation products for building equipment and industrial installations - Factory made phenolic foam (PF) products – Specification

EN 15501:2015
Thermal insulation products for building equipment and industrial installations - Factory made expanded perlite (EP) and exfoliated vermiculite (EV) products - Specification

EN 16724:2015
Thermal insulation products for building applications - Instructions for mounting and fixing for determination of the reaction to fire testing of external thermal Insulation composite systems (ETICS)

Međunarodna normizacija
ISO

ISO 15148 AMD 1:2016-01
Hygrothermal performance of building materials and products – Determination of water absorption coefficient by partial immersion; Amendment 1

91.120.10 Toplinska izolacija

Europska normizacija
CEN

EN ISO 6781-3:2015
Performance of buildings - Detection of heat, air and moisture irregularities in buildings by infrared methods - Part 3: Qualifications of equipment operators, data analysts and report writers (ISO 6781-3:2015)

91.120.20 Akustika u zgradama. Zvučna izolacija

Europska normizacija
CEN

EN ISO 16283-2:2015
Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO 16283-2:2015)

91.140.10 Sustavi centralnoga grijanja

Europska normizacija
CEN

CEN/TR 16911:2015
Heat meters - Recommendations for circulation water in industrial and district heating systems and their operation

CWA 16975:2015
Eco-efficient Substations for District Heating

91.140.30 Sustavi prozračivanja i klimatizacije

Međunarodna normizacija
ISO

ISO 16891:2016-01
Test methods for evaluating degradation of characteristics of cleanable filter media

91.140.50 Sustavi opskrbe električnom energijom

Međunarodna normizacija
ISO

IEC 61140:2016-01
Protection against electric shock – Common aspects for installations and equipment

91.140.65 Oprema za grijanje vode

Europska normizacija
CENELEC

EN 50440:2015
Efficiency of domestic electrical storage water heaters and testing methods

EN 60335-2-35:2016-01
Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters (IEC 60335-2-35:2012, modified)

91.140.70 Sanitarne instalacije

Međunarodna normizacija
ISO

ISO 17966:2016-01
Assistive products for personal hygiene that support users – Requirements and test methods

91.140.90 Dizala. Pokretne stube

Međunarodna normizacija
ISO

ISO/TR 14799-1:2015
Comparison of worldwide escalator and moving walk safety standards - Part 1: Rule by rule comparison

ISO/TR 14799-2:2015
Comparison of worldwide escalator and moving walk safety standards - Part 2: Abbreviated comparison and comments

91.160.20 Vanjska rasvjeta

Europska normizacija
CENELEC

EN 62870:2015
Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements (IEC 62870:2015)

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Europska normizacija
CEN

EN ISO 17892-3:2015
Geotechnical investigation and testing - Laboratory testing of soil - Part 3: Determination of particle density (ISO 17892-3:2015)

93.080.40 Rasvjeta ulica i srodna oprema

Europska normizacija
CEN

EN 13201-2:2015
Road lighting - Part 2: Performance requirements

EN 13201-3:2015
Road lighting - Part 3: Calculation of performance

EN 13201-4:2015
Road lighting - Part 4: Methods of measuring lighting performance

EN 13201-5:2015
Road lighting - Part 5: Energy performance indicators

93.120 Gradnja zračnih luka

Europska normizacija
CENELEC

EN 62870:2015
Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements (IEC 62870:2015)

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Europska normizacija
CENELEC

EN 60335-2-15:2016-01
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (IEC 60335-2-15:2012, modified)

97.040.40 Strojevi za pranje posuđa

Europska normizacija
CENELEC

EN 60335-2-58/A2:2015
Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines (IEC 60335-2-58:2002/A2:2015)

97.040.50 Mali kuhinjski uređaji

Europska normizacija
CENELEC

EN 60335-2-14/AC:2016-01
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines (IEC 60335-2-14:2006, modified)

EN 60335-2-14/A12:2016-01
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines

EN 60335-2-15:2016-01
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (IEC 60335-2-15:2012, modified)

97.100.01 Uređaji za zagrijavanje općenito

Europska normizacija
CENELEC

EN 60335-2-102:2016-01
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2004, modified + A1:2008, modified + A2:2012, modified)

97.100.20 Plinski grijači

Europska normizacija
CENELEC

EN 60335-2-102:2016-01
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2004, modified + A1:2008, modified + A2:2012, modified)

97.100.30 Grijači na kruta goriva

Europska normizacija
CENELEC

EN 60335-2-102:2016-01
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2004, modified + A1:2008, modified + A2:2012, modified)

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija
CENELEC

EN 50090-5-3:2016-01
Home and Building Electronic Systems (HBES) – Part 5-3: Media and media dependent layers – Radio Frequency for HBES Class 1

Međunarodna normizacija
IEC

IEC 60730-1 AMD 1:2015
Automatic electrical controls - Part 1: General requirements; Amendment 1

IEC 60730-1 Edition 5.1:2015
Automatic electrical controls - Part 1: General requirements

IEC 60730-2-8 AMD 2:2015
Automatic electrical controls for household and similar use - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements; Amendment 2

IEC 60730-2-8 Edition 2.2:2015
Automatic electrical controls for household and similar use - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements

97.140 Namještaj

Europska normizacija
CEN

EN 597-1:2015
Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 1: Ignition source: smouldering cigarette

EN 597-2:2015
Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 2: Ignition source: match flame equivalent

EN 1729-2+A1:2015
Furniture - Chairs and tables for educational institutions - Part 2: Safety requirements and test methods

EN 12520:2015
Furniture - Strength, durability and safety - Requirements for domestic seating

EN 12521:2015
Furniture - Strength, durability and safety - Requirements for domestic tables

97.170 Oprema za njegu tijela

Međunarodna normizacija
IEC

IEC 60335-2-27 AMD 2 Corrigendum 1:2015
Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation; Amendment 2; Corrigendum 1

97.190 Oprema za djecu

Europska normizacija
CEN

EN 13209-2:2015
Child use and care articles - Baby carriers - Safety requirements and test methods - Part 2: Soft carrier

97.200.50 Igračke

Europska normizacija
CEN

CEN/TR 16918:2015
Safety of toys - Children´s mouthing behaviour in contact with toys

97.220.10 Sportski objekti

Europska normizacija
CEN

EN 13451-2:2015
Swimming pool equipment - Part 2: Additional specific safety requirements and test methods for ladders, stepladders and handle bends

97.220.20 Oprema za zimske sportove

Međunarodna normizacija
ISO

ISO 8061:2015
Alpine ski-bindings - Selection of release torque values

ISO 11088:2015
Assembly, adjustment and inspection of an alpine ski/binding/boot (S-B-B) system

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

Europska normizacija
CEN

EN 16804:2015
Diving equipment - Diving open heel fins - Requirements and test methods