

Hrvatski zavod za norme

Oglasnik za normativne dokumente

1/2013 veljača, 2013.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

A64

3 Popis radnih dokumenata Codex Alimentarius

4 Obavijesti HZN-a

4.1	Cjenik hrvatskih norma	
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Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 163/03) 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.

HZNTO 5, *Metalne cijevi i priključci*

- HRN EN 14917:2013 en pr
Metalni ekspanzioni mijeh za tlačnu primjenu
(EN 14917:2009+A1:2012)
Metal bellows expansion joints for pressure applications
(EN 14917:2009+A1:2012)

HZNTO 6, *Papir, karton i pulpe*

- HRN EN ISO 12625-11:2013 en pr
Tanki upijajući papir i proizvodi od tankoga upijajućeg papira – 11. dio: Određivanje otpornosti na prskanje mokre kugle (ISO 12625-11:2012;
EN ISO 12625-11:2012)
Tissue paper and tissue products – Part 11:
Determination of wet ball burst strength
(ISO 12625-11:2012; EN ISO 12625-11:2012)

HZNTO 22, *Cestovna vozila*

- HRN ISO 6722-1:2013 en pr
Cestovna vozila – Jednožilni kabeli za 60 V i 600 V – 1. dio: Dimenzije, metode ispitivanja i zahtjevi za kabele s bakrenim vodičem
(ISO 6722-1:2011+Cor 1:2012)
Road vehicles – 60 V and 600 V single-core cables – Part 1: Dimensions, test methods and requirements for copper conductor cables
(ISO 6722-1:2011+Cor 1:2012)
- HRN ISO 6856:2013 en pr
Cestovna vozila – Sklopovi neoklopljenih visokonaponskih kabela za paljenje – Metode ispitivanja i opći zahtjevi (ISO 6856:2005)
Road vehicles – Unscreened high-voltage ignition cable assemblies – Test methods and general requirements (ISO 6856:2005)
- HRN ISO 6969:2013 en pr
Cestovna vozila – Uređaji za zvučnu signalizaciju – Ispitivanja nakon ugradnje na vozilo (ISO 6969:2004)
Road vehicles – Sound signalling devices – Tests after mounting on vehicle (ISO 6969:2004)
- HRN ISO 7116:2013 en pr
Mopedi – Metoda mjerenja za određivanje najveće brzine (ISO 7116:2011)
Mopeds – Measurement method for determining maximum speed (ISO 7116:2011)
- HRN ISO 7117:2013 en pr
Motocikli – Metoda mjerenja za određivanje najveće brzine (ISO 7117:2010)
Motorcycles – Measurement method for determining maximum speed (ISO 7117:2010)
- HRN ISO 7141:2013 en pr
Cestovna vozila – Naplatci od lakih legura – Ispitivanje na udar (ISO 7141:2005)
Road vehicles – Light alloy wheels – Impact test
(ISO 7141:2005)

- HRN ISO 7299-1:2013 en pr
Dizelski motori – Prirubnice za pričvršćivanje pumpa – 1. dio: Pumpe za ubrizgavanje goriva
(ISO 7299-1:2007)
Diesel engines – End-mounting flanges for pumps – Part 1: Fuel injection pumps (ISO 7299-1:2007)
- HRN ISO 7299-2:2013 en pr
Dizelski motori – Prirubnice za pričvršćivanje pumpa – 2. dio: Visokotlačne dobavne pumpe za sustave ubrizgavanja goriva sa zajedničkim spremnikom (common rail) (ISO 7299-2:2009)
Diesel engines – End-mounting flanges for pumps – Part 2: High-pressure supply pumps for common rail fuel injection systems (ISO 7299-2:2009)
- HRN ISO 7578:2013 en pr
Cestovna vozila – Obloženi tip žarnica – Opći zahtjevi i metode ispitivanja (ISO 7578:2008)
Road vehicles – Sheath-type glow-plugs – General requirements and test methods (ISO 7578:2008)
- HRN ISO 7612:2013 en pr
Dizelski motori – Redne pumpe za ubrizgavanje goriva ugrađene na ravnu podlogu i visokotlačne dobavne pumpe za sustave ubrizgavanja goriva sa zajedničkim spremnikom (common rail) – Ugradbene dimenzije (ISO 7612:2009)
Diesel engines – Base-mounted in-line fuel injection pumps and high-pressure supply pumps for common rail fuel injection systems – Mounting dimensions (ISO 7612:2009)
- HRN ISO 7634:2013 en pr
Cestovna vozila – Kočni sustavi sa stlačenim zrakom za vučena vozila uključujući i vozila s funkcijama elektroničkoga upravljanja kočenjem – Postupci ispitivanja (ISO 7634:2007)
Road vehicles – Compressed air braking systems for towed vehicles including those with electronic braking control functions – Test procedures (ISO 7634:2007)
- HRN ISO 7635:2013 en pr
Cestovna vozila – Zračni i zračno-hidraulični kočni sustavi motornih vozila uključujući i vozila s funkcijama elektroničkoga upravljanja – Postupci ispitivanja (ISO 7635:2006)
Road vehicles – Air and air/hydraulic braking systems of motor vehicles, including those with electronic control functions – Test procedures (ISO 7635:2006)
- HRN ISO 7637-1:2002/A1:2013 en pr
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprezanjem – 1. dio: Definicije i općenito (ISO 7637-1:2002/Amd 1:2008)
Road vehicles – Electrical disturbances from conduction and coupling – Part 1: Definitions and general considerations (ISO 7637-1:2002/Amd 1:2008)
- HRN ISO 7637-2:2013 en pr
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprezanjem – 2. dio: Vođenje električnih tranzijenata samo duž vodova napajanja (ISO 7637-2:2011)
Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only (ISO 7637-2:2011)
- HRN ISO 7637-3:2013 en pr
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprezanjem – Prijenos električnih tranzijenata kapacitivnim ili induktivnim sprezanjem vodovima koji nisu namijenjeni napajanju (ISO 7637-3:2007)
Road vehicles – Electrical disturbances from conduction and coupling – Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines (ISO 7637-3:2007)

- HRN ISO 7638-2:2013 en pr
Cestovna vozila – Spojnici za električno spajanje vučnih i vučenih vozila – 2. dio: Spojnici za kočne sustave i podvozja vozila s nazivnim naponom napajanja od 12 V (ISO 7638-2:2003)
Road vehicles – Connectors for the electrical connection of towing and towed vehicles – Part 2: Connectors for braking systems and running gear of vehicles with 12 V nominal supply voltage (ISO 7638-2:2003)
- HRN ISO 8535-1:2013 en pr
Dizelski motori – Čelične cijevi za visokotlačne vodove za ubrizgavanje goriva – 1. dio: Zahtjevi za bešavne, hladno vučene jednostrojne cijevi (ISO 8535-1:2011)
Diesel engines – Steel tubes for high-pressure fuel injection pipes – Part 1: Requirements for seamless cold-drawn single-wall tubes (ISO 8535-1:2011)
- HRN ISO 8644:2013 en pr
Motocikli – Naplatci od lakih legura – Metoda ispitivanja (ISO 8644:2006)
Motorcycles – Light-alloy wheels – Test method (ISO 8644:2006)
- HRN ISO 8664:2008/A1:2013 en pr
Gume za poljoprivredne traktore i strojeve – Radijalne gume za pogonske kotače označene kodnom oznakom i uporabnim značajkama (ISO 8664:2005/Amd 1:2010)
Tyres for agricultural tractors and machines – Code-designated and service-description marked radial drive-wheel tyres (ISO 8664:2005/Amd 1:2010)
- HRN ISO 8820-1:2013 en pr
Cestovna vozila – Ulošci osigurača – 1. dio: Definicije i opći ispitni zahtjevi (ISO 8820-1:2008)
Road vehicles – Fuse-links – Part 1: Definitions and general test requirements (ISO 8820-1:2008)
- HRN ISO 8820-2:2013 en pr
Cestovna vozila – Ulošci osigurača – 2. dio: Upute za korisnike (ISO 8820-2:2005)
Road vehicles – Fuse-links – Part 2: User's guide (ISO 8820-2:2005)
- HRN ISO 8820-3:2013 en pr
Cestovna vozila – Ulošci osigurača – 3. dio: Ulošci osigurača sa stopicama (nožastoga tipa), tipa C (srednje struje), tipa E (velike struje) i tipa F (vrlo male struje) (ISO 8820-3:2010)
Road vehicles – Fuse-links – Part 3: Fuse-links with tabs (blade type) Type C (medium), Type E (high current) and Type F (miniature) (ISO 8820-3:2010)
- HRN ISO 8820-4:2013 en pr
Cestovna vozila – Ulošci osigurača – 4. dio: Ulošci osigurača sa ženskim kontaktima (A tipa) i kontaktima za spajanje vijkom (B tipa) i pribor za njihovo ispitivanje (ISO 8820-4:2010)
Road vehicles – Fuse-links – Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures (ISO 8820-4:2010)
- HRN ISO 8820-5:2013 en pr
Cestovna vozila – Ulošci osigurača – 5. dio: Ulošci osigurača s aksijalnim priključcima (pločasti ulošci osigurača) tipova SF 30 i SF 51 i pribor za njihovo ispitivanje (ISO 8820-5:2007)
Road vehicles – Fuse-links – Part 5: Fuse-links with axial terminals (Strip fuse-links) Types SF 30 and SF 51 and test fixtures (ISO 8820-5:2007)
- HRN ISO 9112:2013 en pr
Gume za teretne automobile i autobuse – Metode mjerenja opsega kotrljanja gume – Nove gume pod opterećenjem (ISO 9112:2008)
Truck and bus tyres – Methods of measuring tyre rolling circumference – Loaded new tyres (ISO 9112:2008)
- HRN ISO 9815:2013 en pr
Cestovna vozila – Skupovi osobnoga automobila i prikolice – Ispitivanje bočne stabilnosti (ISO 9815:2010)
Road vehicles – Passenger-car and trailer combinations – Lateral stability test (ISO 9815:2010)
- HRN ISO 9816:2013 en pr
Osobni automobili – Reakcija vozila u zaokretanju pri naglom otpuštanju papučice snage – Metoda ispitivanja otvorenom petljom (ISO 9816:2006)
Passenger cars – Power-off reaction of a vehicle in a turn – Open-loop test method (ISO 9816:2006)
- HRN ISO 10191:2013 en pr
Gume za osobne automobile – Provjera sposobnosti guma – Laboratorijske metode ispitivanja (ISO 10191:2010)
Passenger car tyres – Verifying tyre capabilities – Laboratory test methods (ISO 10191:2010)
- HRI ISO/TR 10305-1:2013 en pr
Cestovna vozila – Umjeravanje uređaja za mjerenje jakosti elektromagnetskih polja – 1. dio: Uređaji za mjerenje jakosti elektromagnetskih polja pri frekvencijama > 0 Hz (ISO/TR 10305-1:2003)
Road vehicles – Calibration of electromagnetic field strength measuring devices – Part 1: Devices for measurement of electromagnetic fields at frequencies > 0 Hz (ISO/TR 10305-1:2003)
- HRI ISO/TR 10305-2:2013 en pr
Cestovna vozila – Umjeravanje uređaja za mjerenje jakosti elektromagnetskih polja – 2. dio: IEEE norma za umjeravanje osjetila i sonda elektromagnetskih polja, osim antena, od 9 kHz do 40 GHz (ISO/TR 10305-2:2003)
Road vehicles – Calibration of electromagnetic field strength measuring devices – Part 2: IEEE standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz (ISO/TR 10305-2:2003)
- HRN ISO 10355:2013 en pr
Mopedi – Postavljanje uređaja za osvjetljavanje i svjetlosnu signalizaciju (ISO 10355:2004)
Mopeds – Positioning of lighting and light-signalling devices (ISO 10355:2004)

HZN/TO 25, Ljevarstvo

- HRN EN 1562:2013 en pr
Ljevarstvo – Temper lijevovi (EN 1562:2012)
Founding – Malleable cast irons (EN 1562:2012)

HZN/TO 28, Naftni proizvodi i maziva

- HRN ISO 1998-3:2013 hr,en,fr pp
Naftna industrija – Nazivlje – 3. dio: Istraživanje i proizvodnja (ISO 1998-3:1998)
Petroleum industry – Terminology – Part 3: Exploration and production (ISO 1998-3:1998)
- HRN ISO 1998-4:2013 hr,en,fr pp
Naftna industrija – Nazivlje – 4. dio: Rafinerijska prerada (ISO 1998-4:1998)
Petroleum industry – Terminology – Part 4: Refining (ISO 1998-4:1998)
- HRN EN ISO 12922:2013 en pr
Maziva, industrijska ulja i srodni proizvodi (razred L) – Podrazred H (hidraulični sustavi) – Specifikacije za hidraulične tekućine za razrede HFAE, HFAS, HFB, HFC, HFDR i HFDU (ISO 12922:2012);
EN ISO 12922:2012)
Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (ISO 12922:2012);
EN ISO 12922:2012)
- HRN EN 16294:2013 en pr
Naftni proizvodi i derivati masti i ulja – Određivanje količine fosfora u metilnim esterima masnih kiselina (FAME) – Optička emisijska spektralna analiza induktivno spregnutom plazmom (ICP OES) (EN 16294:2012)

Petroleum products and fat and oil derivatives – Determination of phosphorus content in fatty acid methyl esters (FAME) – Optical emission spectral analysis with inductively coupled plasma (ICP OES) (EN 16294:2012)

HZN/TO 44, Zavarivanje i srodni postupci

- HRN EN ISO 4136:2013 en pr
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Poprečno vlačno ispitivanje (ISO 4136:2012; EN ISO 4136:2012)
Destructive tests on welds in metallic materials – Transverse tensile test (ISO 4136:2012; EN ISO 4136:2012)
- HRN EN ISO 8205-3:2013 en pr
Vodom hlađeni sekundarni spojni kabeli za elektrootporno zavarivanje – 3. dio: Ispitni zahtjevi (ISO 8205-3:2012; EN ISO 8205-3:2012)
Water-cooled secondary connection cables for resistance welding – Part 3: Test requirements (ISO 8205-3:2012; EN ISO 8205-3:2012)
- HRN EN ISO 9016:2013 en pr
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Ispitivanje udarnoga rada loma – Položaj ispitnog uzorka, položaj zareza i ispitivanje (ISO 9016:2012; EN ISO 9016:2012)
Destructive tests on welds in metallic materials – Impact tests – Test specimen location, notch orientation and examination (ISO 9016:2012; EN ISO 9016:2012)
- HRN EN ISO 13585:2013 en pr
Tvrdi lemljenje – Provjera osposobljenosti lemitelja i rukovatelja lemljenjem (ISO 13585:2012; EN ISO 13585:2012)
Brazing – Qualification test of brazers and brazing operators (ISO 13585:2012; EN ISO 13585:2012)

HZN/TO 116, Uređaji i oprema za izmjenu topline

- HRN EN 1264-2:2013 en pr
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 2. dio: Podno grijanje – Metode za dokazivanje toplinskog učinka proračunom i metodama ispitivanja (EN 1264-2:2008+A1:2012)
Water based surface embedded heating and cooling systems – Part 2: Floor heating – Prove methods for the determination of the thermal output using calculation and test methods (EN 1264-2:2008+A1:2012)
- HRN EN 1860-1:2013 en pr
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja (EN 1860-1:2013)
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods (EN 1860-1:2013)

HZN/TO 121, Anestetička i respiracijska oprema

- HRN EN ISO 5356-2:2013 en pr
Anestetička i respiracijska oprema – Stožasti priključci – 2. dio: Priključci na navoj veće nosivosti (ISO 5356-2:2012; EN ISO 5356-2:2012)
Anaesthetic and respiratory equipment – Conical connectors – Part 2: Screw-threaded weight-bearing connectors (ISO 5356-2:2012; EN ISO 5356-2:2012)

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

- HRN EN 1555-3:2013 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 3. dio: Spojnice (EN 1555-3:2010+A1:2012)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 3: Fittings (EN 1555-3:2010+A1:2012)

HRN EN ISO 10147:2013 en pr
Cijevi i spojnice od umreženoga polietilena (PE-X) – Procjena stupnja umreženosti određivanjem sadržaja gela (ISO 10147:2011; EN ISO 10147:2012)
Pipes and fittings made of crosslinked polyethylene (PE-X) – Estimation of the degree of crosslinking by determination of the gel content (ISO 10147:2011; EN ISO 10147:2012)

HRN EN 15383:2013 en pr
Plastični cijevni sustavi za odvodnju i kanalizaciju – Staklom ojačana duromerna plastika (GRP) na osnovi poliestera (UP) – Kontrolna okna i kontrolne komore (EN 15383:2012)
Plastics piping systems for drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) – Manholes and inspection chambers (EN 15383:2012)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 7827:2013 en pr
Water quality – Evaluation of the “ready”, “ultimate” aerobic biodegradability of organic compounds in an aqueous medium – Method by analysis of dissolved organic carbon (DOC) (ISO 7827:2010; EN ISO 7827:2012)

HZN/TO 159, Ergonomija

HRN EN ISO 15535:2013 en pr
Opći zahtjevi za utvrđivanje antropometrijske baze podataka (ISO 15535:2012; EN ISO 15535:2012)
General requirements for establishing anthropometric databases (ISO 15535:2012; EN ISO 15535:2012)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 13666:2013 en pr
Oftalmološka optika – Leće za naočale – Terminološki rječnik (ISO 13666:2012; EN ISO 13666:2012)
Ophthalmic optics – Spectacle lenses – Vocabulary (ISO 13666:2012; EN ISO 13666:2012)

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

- HRN EN 12159:2013 en pr
Građevna dizala za prijevoz osoba i materijala s okomito vođenom voznom košarom (EN 12159:2012)
Builders hoists for persons and materials with vertically guided cages (EN 12159:2012)
- HRN EN ISO 14798:2013 en pr
Dizala, pokretne stube i pokretne trake za prijevoz osoba – Metodologija procjene i smanjenja rizika (ISO 14798:2009; EN ISO 14798:2013)
Lifts (elevators), escalators and moving walks – Risk assessment and reduction methodology (ISO 14798:2009; EN ISO 14798:2013)
- HRN EN ISO 25745-1:2013 en pr
Energetske značajke dizala, pokretnih stuba i pokretnih traka – 1. dio: Mjerenje energije i potvrđivanje (ISO 25745-1:2012; EN ISO 25745-1:2012)
Energy performance of lifts, escalators and moving walks – Part 1: Energy measurement and verification (ISO 25745-1:2012; EN ISO 25745-1:2012)

HZN/TO 190, Kvaliteta tla

HRN EN ISO 11269-1:2013 en pr
Soil quality – Determination of the effects of pollutants on soil flora – Part 1: Method for the measurement of inhibition of root growth (ISO 11269-1:2012; EN ISO 11269-1:2012)

HZN/TO 215, *Medicinska informatika*

- HRN EN ISO 11073-10406:2013 en pr
Health informatics – Personal health device communication – Part 10406: Device specialization – Basic electrocardiograph (ECG) (1- to 3-lead ECG) (ISO/IEEE 11073-10406:2012; EN ISO 11073-10406:2012)

HZN/TO 503, *Metalni materijali*

- HRN EN 12451:2013 en pr
Bakar i legure bakra – Bešavne okrugle cijevi za izmjenjivače topline (EN 12451:2012)
Copper and copper alloys – Seamless, round tubes for heat exchangers (EN 12451:2012)
- HRN EN 12452:2013 en pr
Bakar i legure bakra – Valjane, rebraste bešavne cijevi za izmjenjivače topline (EN 12452:2012)
Copper and copper alloys – Rolled, finned, seamless tubes for heat exchangers (EN 12452:2012)

HZN/TO 509, *Cestovna oprema*

- HRN EN 1793-1:2013 en pr
Barijere za zaštitu od buke s cesta – Metoda određivanja akustičkih svojstva – 1. dio: Značajke zvučne apsorpcije proizvoda (EN 1793-1:2012)
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics of sound absorption (EN 1793-1:2012)
- HRN EN 1793-2:2013 en pr
Barijere za zaštitu od buke s cesta – Metoda određivanja akustičkih svojstava – 2. dio: Značajke uzdužne zvučne izolacije proizvoda (EN 1793-2:2012)
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions (EN 1793-2:2012)
- HRN EN 1793-6:2013 en pr
Barijere za zaštitu od buke s cesta – Ispitne metode za određivanje akustičkih svojstava – 6. dio: Osnovne značajke – In situ vrijednosti izolacije od vanjske buke u uvjetima neposrednog zvučnog polja (EN 1793-6:2012)
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 6: Intrinsic characteristics – In situ values of airborne sound insulation under direct sound field conditions (EN 1793-6:2012)

HZN/TO 511, *Eksplozivi za civilnu uporabu*

- HRN EN 16261-2:2013 en pr
Pirotehnička sredstva – Pirotehnika (Vatrometi), Kategorija 4 – 2. dio: Zahtjevi (EN 16261-2:2013)
Pyrotechnic articles – Fireworks, Category 4 – Part 2: Requirements (EN 16261-2:2013)

HZN/TO 522, *Karakterizacija i zbrinjavanje otpada*

- HRN EN 840-1:2013 en pr
Pokretni spremnici za otpad i recikliranje – 1. dio: Spremnici s 2 kotača obujma 400 l za uporabu pomoću naprava za podizanje – Dimenzije i dizajn (EN 840-1:2012)
Mobile waste and recycling containers – Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices – Dimensions and design (EN 840-1:2012)
- HRN EN 840-2:2013 en pr
Pokretni spremnici za otpad i recikliranje – 2. dio: Spremnici s 4 kotača obujma do 1300 l s ravnim poklopcem za podizanje pomoću rukavaca i/ili naprava za podizanje – Dimenzije i dizajn (EN 840-2:2012)

Mobile waste and recycling containers – Part 2: Containers with 4 wheels with a capacity up to 1300 l with flat lid(s), for trunnion and/or comb lifting devices – Dimensions and design (EN 840-2:2012)

- HRN EN 840-3:2013 en pr
Pokretni spremnici za otpad i recikliranje – 3. dio: Spremnici s 4 kotača obujma do 1300 l s kliznim poklopcem za podizanje pomoću rukavaca i/ili naprava za podizanje – Dimenzije i dizajn (EN 840-3:2012)
Mobile waste and recycling containers – Part 3: Containers with 4 wheels with a capacity up to 1300 l with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design (EN 840-3:2012)
- HRN EN 840-4:2013 en pr
Pokretni spremnici za otpad i recikliranje – 4. dio: Spremnici s 4 kotača obujma do 1700 l s ravnim poklopcem za utovar sustavom široki rukavac ili BG- i/ili u utovar napravama za podizanje – Dimenzije i dizajn (EN 840-4:2012)
Mobile waste and recycling containers – Part 4: Containers with 4 wheels with a capacity up to 1700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices – Dimensions and design (EN 840-4:2012)
- HRN EN 840-5:2013 en pr
Pokretni spremnici za otpad i recikliranje – 5. dio: Zahtjevi izvedbe i ispitne metode (EN 840-5:2012)
Mobile waste and recycling containers – Part 5: Performance requirements and test methods (EN 840-5:2012)
- HRN EN 840-6:2013 en pr
Pokretni spremnici za otpad i recikliranje – 6. dio: Sigurnosni i zdravstveni zahtjevi (EN 840-6:2012)
Mobile waste and recycling containers – Part 6: Safety and health requirements (EN 840-6:2012)

HZN/TO 524, *Cestovni prijevoz i prometna telematika*

- HRN ISO 14813-5:2013 en pr
Informacije o prometu i kontrolni sustavi – Referentni model arhitekture ITS sektora – 5. dio: Zahtjevi opisa arhitekture u ITS normama (ISO 14813-5:2010)
Intelligent transport systems – Reference model architecture(s) for the ITS sector – Part 5: Requirements for architecture description in ITS standards (ISO 14813-5:2010)
- HRN ISO 15622:2013 en pr
Informacije o prometu i kontrolni sustavi – Sustavi za automatsku prilagodbu brzine kretanja – Zahtijevane značajke i ispitni postupci (ISO 15622:2010)
Intelligent transport systems – Adaptive Cruise Control systems – Performance requirements and test procedures (ISO 15622:2010)
- HRN EN 28701:2013 en pr
Inteligentni transportni sustavi – Javni prijevoz – Identifikacija nepomičnih objekata u javnom prijevozu (IFOPT) (EN 28701:2012)
Intelligent transport systems – Public transport – Identification of Fixed Objects in Public Transport (IFOPT) (EN 28701:2012)
- HZN/TO 528, *Oprema za željeznice***
- HRN EN 13104:2013 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Pogonske osovine – Metode konstruiranja (EN 13104:2009+A2:2012)
Railway applications – Wheelsets and bogies – Powered axles – Design method (EN 13104:2009+A2:2012)
- HRN EN 15153-1:2013 en pr
Oprema za željeznice – Uređaji za vanjska vizualna i zvučna upozorenja za vlakove – 1. dio: Glavna; signalna i završna rasvjeta (EN 15153-1:2013)

Railway applications – External visible and audible warning devices for trains – Part 1: Head, marker and tail lamps (EN 15153-1:2013)

HRN EN 15153-2:2013 en pr
Oprema za željeznice – Uređaji za vanjska vizualna i zvučna upozorenja za vlakove – 2. dio: Upozoravajuće sirene (EN 15153-2:2013)

Railway applications – External visible and audible warning devices for trains – Part 2: Warning horns (EN 15153-2:2013)

HRN EN 15437-2:2013 en pr
Railway applications – Axlebox condition monitoring – Interface and design requirements – Part 2: Performance and design requirements of on-board systems for temperature monitoring (EN 15437-2:2012)

HRN EN 15528:2013 en pr
Oprema za željeznice – Kategorije pruga za određivanje sučelja između granica opterećenja željezničkih vozila i infrastrukture (EN 15528:2008+A1:2012)
Railway applications – Line categories for managing the interface between load limits of vehicles and infrastructure (EN 15528:2008+A1:2012)

HRN EN 15734-2:2011/lpr.1:2013 en pr
Oprema za željeznice – Kočni sustavi za vlakove velikih brzina – 2. dio: Metode ispitivanja (EN 15734-2:2010/AC:2012)
Railway applications – Braking systems of high speed trains – Part 2: Test methods (EN 15734-2:2010/AC:2012)

HRN EN 15839:2013 en pr
Railway applications – Testing for the acceptance of running characteristics of railway vehicles – Freight wagons – Testing of running safety under longitudinal compressive forces (EN 15839:2012)

HRN EN 16272-1:2013 en pr
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics – Sound absorption in the laboratory under diffuse sound field conditions (EN 16272-1:2012)

HRN EN 16272-2:2013 en pr
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 2: Intrinsic characteristics – Airborne sound insulation in the laboratory under diffuse sound field conditions (EN 16272-2:2012)

HZN/TO 531, *Plastika i guma*

HRN EN ISO 1183-1:2013 en pr
Plastika – Metode određivanja gustoće nečelijaste plastike – 1. dio: Metoda uranjanja, metoda uporabom piknometra i titracijska metoda (ISO 1183-1:2012; EN ISO 1183-1:2012)

Plastics – Methods for determining the density of non-cellular plastics – Part 1: Immersion method, liquid pycnometer method and titration method (ISO 1183-1:2012; EN ISO 1183-1:2012)

HRN EN ISO 5659-2:2013 en pr
Plastika – Stvaranje dima – 2. dio: Određivanje optičke gustoće jednokomornim ispitivanjem (ISO 5659-2:2012; EN ISO 5659-2:2012)
Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test (ISO 5659-2:2012; EN ISO 5659-2:2012)

HRN EN ISO 7792-1:2013 en pr
Plastika – Plastomerni poliesterski materijali (TP) za kalupljenje i ekstrudiranje – 1. dio: Sustav označivanja i osnove za specifikacije (ISO 7792-1:2012; EN ISO 7792-1:2012)

Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 7792-1:2012; EN ISO 7792-1:2012)

HRN EN ISO 7792-2:2013 en pr
Plastika – Plastomerni poliesterski materijali (TP) za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 7792-2:2012; EN ISO 7792-2:2012)

Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 7792-2:2012; EN ISO 7792-2:2012)

HRN EN ISO 14855-1:2013 en pr
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u kontroliranim uvjetima kompostiranja – Metoda analize nastalog ugljikova dioksida – 1. dio: Opća metoda (ISO 14855-1:2012; EN ISO 14855-1:2012)
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 1: General method (ISO 14855-1:2012; EN ISO 14855-1:2012)

HZN/TO 532, *Dimnjaci*

HRN DIN 18160-5:2013 de pr
Dimnjaci – 5. dio: Naprave za pristup dimnjaku – Zahtjevi, projektiranje i izvedba (DIN 18160-5:2008)
Abgasanlagen – Teil 5: Einrichtungen für Schornsteinfegerarbeiten – Anforderungen, Planung und Ausführung (DIN 18160-5:2008)

HZN/TO 534, *Spremnici za teret*

HRN EN 13012:2013 en pr
Benzinske stanice za punjenje – Konstrukcija i izvedba automatskih sapnica za upotrebu na uređajima za istakanje goriva (EN 13012:2012)
Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers (EN 13012:2012)

HRN EN 13617-1:2013 en pr
Benzinske stanice za punjenje – 1. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu mjernih pumpi, mjernih uređaja za istakanje goriva i daljinski upravljanih pumpnih jedinica (EN 13617-1:2012)
Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units (EN 13617-1:2012)

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

HRN EN 16005:2013 en pr
Strojno pogonjena vrata za pješake – Sigurnost upotrebe – Zahtjevi i metode ispitivanja (EN 16005:2012)
Power operated pedestrian doorsets – Safety in use – Requirements and test methods (EN 16005:2012)

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

HRN EN ISO 5436-2:2013 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Mjerni etaloni – 2. dio: Softverski mjerni etaloni (ISO 5436-2:2012; EN ISO 5436-2:2012)
Geometrical product specifications (GPS) – Surface texture: Profile method – Measurement standards – Part 2: Software measurement standards (ISO 5436-2:2012; EN ISO 5436-2:2012)

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

- HRN EN ISO 9906:2013 en pr
Rotacijske pumpe – Ispitivanja prihvatljivosti hidrauličkih značajka – 1., 2. i 3. razred (ISO 9906:2012; EN ISO 9906:2012)
Rotodynamic pumps – Hydraulic performance acceptance tests – Grades 1, 2 and 3 (ISO 9906:2012; EN ISO 9906:2012)
- HRN EN 12599:2013 en pr
Ventilacija u zgradama – Postupci ispitivanja i metode mjerenja za primopredaju sustava ventilacije i klimatizacije (EN 12599:2012)
Ventilation for buildings – Test procedures and measurement methods to hand over air conditioning and ventilation systems (EN 12599:2012)
- HRN EN 12828:2013 en pr
Sustavi grijanja u zgradama – Izvedba sustava toplovodnog grijanja (EN 12828:2012)
Heating systems in buildings – Design for water-based heating systems (EN 12828:2012)
- HRN EN 13321-1:2013 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Elektronički sustavi za obiteljske kuće i zgrade – 1. dio: Zahtjevi za proizvode i sustave (EN 13321-1:2012)
Open data communication in building automation, controls and building management – Home and building electronic system – Part 1: Product and system requirements (EN 13321-1:2012)
- HRN EN 13321-2:2013 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Elektronički sustavi za obiteljske kuće i zgrade – 2. dio: KNXnet/IP komunikacije (EN 13321-2:2012)
Open Data Communication in Building Automation, Controls and Building Management – Home and Building Electronic Systems – Part 2: KNXnet/IP Communication (EN 13321-2:2012)
- HRN EN 16297-1:2013 en pr
Pumpe – Rotacijske pumpe – Cirkulacijske pumpe s potopljenim rotorom – 1. dio: Opći zahtjevi i postupci za ispitivanje i izračun indeksa energijske učinkovitosti (EEI) (EN 16297-1:2012)
Pumps – Rotodynamic pumps – Glandless circulators – Part 1: General requirements and procedures for testing and calculation of energy efficiency index (EEI) (EN 16297-1:2012)
- HRN EN 16297-2:2013 en pr
Pumpe – Rotacijske pumpe – Cirkulacijske pumpe s potopljenim rotorom – 2. dio: Izračun indeksa energijske učinkovitosti (EEI) za samostojeće pumpe (EN 16297-2:2012)
Pumps – Rotodynamic pumps – Glandless circulators – Part 2: Calculation of energy efficiency index (EEI) for standalone circulators (EN 16297-2:2012)
- HRN EN 16297-3:2013 en pr
Pumpe – Rotacijske pumpe – Cirkulacijske pumpe s potopljenim rotorom – 3. dio: Izračun indeksa energijske učinkovitosti (EEI) za pumpe ugrađene u proizvode (EN 16297-3:2012)
Pumps – Rotodynamic pumps – Glandless circulators – Part 3: Energy efficiency index (EEI) for circulators integrated in products (EN 16297-3:2012)
- HRN EN ISO 17769-2:2013 en pr
Pumpe za kapljevine – Opći uvjeti i ugradnja – Definicije, količine, slovne oznake i jedinice – 2. dio: Sustav za pumpanje (ISO 17769-2:2012; EN ISO 17769-2:2012)
Liquid pumps and installation – General terms, definitions, quantities, letter symbols and units – Part 2: Pumping System (ISO 17769-2:2012; EN ISO 17769-2:2012)

HZN/TO 544, *Strojni elementi*

- HRN EN ISO 16047:2008/A1:2013 en pr
Spojni elementi – Ispitivanje momenta uvijanja i prednaponske sile (ISO 16047:2005/Amd 1:2012; EN ISO 16047:2005/A1:2012)
Fasteners – Torque/clamp force testing (ISO 16047:2005/Amd 1:2012; EN ISO 16047:2005/A1:2012)

HZN/TO 550, *Opskrba vodom*

- HRN EN 896:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev hidroksid (EN 896:2012)
Chemicals used for treatment of water intended for human consumption – Sodium hydroxide (EN 896:2012)
- HRN EN 897:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev karbonat (EN 897:2012)
Chemicals used for treatment of water intended for human consumption – Sodium carbonate (EN 897:2012)
- HRN EN 898:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev hidrogenkarbonat (EN 898:2012)
Chemicals used for treatment of water intended for human consumption – Sodium hydrogen carbonate (EN 898:2012)
- HRN EN 1421:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Amonijev klorid (EN 1421:2012)
Chemicals used for treatment of water intended for human consumption – Ammonium chloride (EN 1421:2012)
- HRN EN 12120:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev hidrogensulfid (EN 12120:2012)
Chemicals used for treatment of water intended for human consumption – Sodium hydrogen sulfite (EN 12120:2012)
- HRN EN 12121:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev disulfid (EN 12121:2012)
Chemicals used for treatment of water intended for human consumption – Sodium disulfite (EN 12121:2012)
- HRN EN 12123:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Amonijev sulfat (EN 12123:2012)
Chemicals used for treatment of water intended for human consumption – Ammonium sulfate (EN 12123:2012)
- HRN EN 12124:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev sulfid (EN 12124:2012)
Chemicals used for treatment of water intended for human consumption – Sodium sulfite (EN 12124:2012)
- HRN EN 12125:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev tiosulfat (EN 12125:2012)
Chemicals used for treatment of water intended for human consumption – Sodium thiosulfate (EN 12125:2012)

- HRN EN 12126:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Ukapljeni amonijak (EN 12126:2012)
Chemicals used for treatment of water intended for human consumption – Liquefied ammonia (EN 12126:2012)
- HRN EN 12173:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev fluorid (EN 12173:2012)
Chemicals used for treatment of water intended for human consumption – Sodium fluoride (EN 12173:2012)
- HRN EN 12386:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Bakrov sulfat (EN 12386:2012)
Chemicals used for treatment of water intended for human consumption – Copper sulfate (EN 12386:2012)
- HRN EN 12905:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Ekspandirani aluminosilikati (EN 12905:2012)
Products used for treatment of water intended for human consumption – Expanded aluminosilicate (EN 12905:2012)
- HRN EN 12906:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kamen plovačac (EN 12906:2012)
Products used for treatment of water intended for human consumption – Pumice (EN 12906:2012)
- HRN EN 12909:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Antracit (EN 12909:2012)
Products used for treatment of water intended for human consumption – Anthracite (EN 12909:2012)
- HRN EN 12910:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Granat (EN 12910:2012)
Products used for treatment of water intended for human consumption – Garnet (EN 12910:2012)
- HRN EN 12912:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Barit (EN 12912:2012)
Products used for treatment of water intended for human consumption – Barite (EN 12912:2012)
- HRN EN 12913:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Dijatomejska zemlja u prahu (EN 12913:2012)
Products used for treatment of water intended for human consumption – Powdered diatomaceous earth (EN 12913:2012)
- HRN EN 12914:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Perlit u prahu (EN 12914:2012)
Products used for treatment of water intended for human consumption – Powdered perlite (EN 12914:2012)
- HRN EN 15028:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev klorat (EN 15028:2012)
Chemicals used for treatment of water intended for human consumption – Sodium chlorate (EN 15028:2012)
- HRN EN 15029:2013 en pr
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezov(III) hidroksid (EN 15029:2012)
Products used for treatment of water intended for human consumption – Iron (III) hydroxide oxide (EN 15029:2012)
- HRN EN 15030:2013 en pr
Kemikalije koje se upotrebljavaju za obradu vode namijenjene ljudskoj uporabi – Soli srebra za povremenu uporabu (EN 15030:2012)
Chemicals used for treatment of water intended for human consumption – Silver salts for intermittent use (EN 15030:2012)
- HRN EN 15482:2013 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev permanganat (EN 15482:2012)
Chemicals used for treatment of water intended for human consumption – Sodium permanganate (EN 15482:2012)
- HRN EN 16145:2013 en pr
Sanitarna oprema – Izvlačeća iza sudopera i umivaonika – Opća tehnička specifikacija (EN 16145:2012)
Sanitary tapware – Extractable outlets for sink and basin mixers – General technical specification (EN 16145:2012)
- HRN EN 16146:2013 en pr
Sanitarne armature – Izvlačeća crijeva za tuš za sanitarne armature za vodoopskrbne sustave tipa 1 i tipa 2 – Opća tehnička specifikacija (EN 16146:2012)
Sanitary tapware – Extractable shower hoses for sanitary tapware for supply systems type 1 and type 2 – General technical specification (EN 16146:2012)

HZN/TO 554, Obrada otpadnih voda

- HRN EN 1085:2013 hr,en,fr,de pp
Pročišćavanje otpadnih voda – Terminološki rječnik (EN 1085:2007)
Wastewater treatment – Vocabulary (EN 1085:2007)

HZN/TO 556, Osobna zaštitna oprema

- HRN EN 207:2010/lSpr.1:2013 en pr
Osobna zaštita očiju – Filtri i sredstva za zaštitu očiju protiv laserskog zračenja (laserski štitnici za oči) (EN 207:2009/AC:2011)
Personal eye-protection equipment – Filters and eye-protectors against laser radiation (laser eye-protectors) (EN 207:2009/AC:2011)
- HRN EN 397:2013 en pr
Industrijske zaštitne kacige (EN 397:2012+A1:2012)
Industrial safety helmets (EN 397:2012+A1:2012)
- HRN EN 966:2013 en pr
Kacige za sportove u zraku (EN 966:2012+A1:2012)
Helmets for airborne sports (EN 966:2012+A1:2012)
- HRN EN 1078:2013 en pr
Kacige za bicikliste i korisnike koturaljki i daski na koturaljkama (EN 1078:2012+A1:2012)
Helmets for pedal cyclists and for users of skateboards and roller skates (EN 1078:2012+A1:2012)
- HRN EN 12254:2011/lSpr.1:2013 en pr
Zaslони za radna mjesta s laserom – Sigurnosni zahtjevi i ispitivanje (EN 12254:2010/AC:2011)
Screens for laser working places – Safety requirements and testing (EN 12254:2010/AC:2011)
- HRN EN 14052:2013 en pr
Visokozahtjevne industrijske kacige (EN 14052:2012+A1:2012)
High performance industrial helmets (EN 14052:2012+A1:2012)

HZN/TO 560, Tekstilni proizvodi

- HRN EN ISO 105-A11:2013 en pr
Tekstil – Određivanje postojanosti obojenja – Određivanje stupnjeva postojanosti obojenja slikovnim digitalnim tehnikama (ISO 105-A11:2012; EN ISO 105-A11:2012)
Textiles – Tests for colour fastness – Part A11: Determination of colour fastness grades by digital imaging techniques (ISO 105-A11:2012; EN ISO 105-A11:2012)
- HRI CEN/TR 16446:2013 en pr
Tekstil – Sigurnost dječje odjeće – Upute za primjenu EN 14682:2007 Gajtani i vezice na dječjoj odjeći – Specifikacije (CEN/TR 16446:2012)
Textiles – Safety of children's clothing – Guidance on the use of EN 14682:2007 Cords and drawstrings on children's clothing – Specifications (CEN/TR 16446:2012)
- HRN EN 31092:2008/A1:2013 en pr
Tekstil – Fiziološka svojstva – Mjerenje toplinske otpornosti i propusnosti vodene pare u stacionarnom stanju (ispitivanje s vlažnom vrućom pločom) – Amandman 1 (ISO 11092:1993/Amd 1:2012; EN 31092:1993/A1:2012)
Textiles – Physiological effects – Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test) – Amendment 1 (ISO 11092:1993/Amd 1:2012; EN 31092:1993/A1:2012)

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

- HRI CEN/TR 764-6:2013 en pr
Tlačna oprema – 6. dio: Oblik i sadržaj uputa za rad (CEN/TR 764-6:2012)
Pressure equipment – Part 6: Structure and content of operating instructions (CEN/TR 764-6:2012)
- HRN EN ISO 7225:2008/A1:2013 en pr
Plinske boce – Oznake upozorenja (ISO 7225:2005/Amd 1:2012; EN ISO 7225:2007/A1:2012)
Gas cylinders – Precautionary labels (ISO 7225:2005/Amd 1:2012; EN ISO 7225:2007/A1:2012)
- HRN EN ISO 7866:2013 en pr
Plinske boce – Ponovno punjive plinske boce od aluminijeve legure – Projektiranje, izrada i ispitivanje (ISO 7866:2012; EN ISO 7866:2012)
Gas cylinders – Refillable seamless aluminium alloy gas cylinders – Design, construction and testing (ISO 7866:2012; EN ISO 7866:2012)
- HRN EN 12252:2013 en pr
Oprema i pribor za UNP – Opremanje spremnika za UNP za cestovna vozila (EN 12252:2012)
LPG equipment and accessories – Equipping of LPG road tankers (EN 12252:2012)
- HRN EN 12952-7:2013 en pr
Vodocijevni kotlovi i pomoćne instalacije – 7. dio: Zahtjevi za opremu kotla (EN 12952-7:2012)
Water-tube boilers and auxiliary installations – Part 7: Requirements for equipment for the boiler (EN 12952-7:2012)
- HRN EN 12952-18:2013 en pr
Vodocijevni kotlovi i pomoćne instalacije – 18. dio: Upute za rad (EN 12952-18:2012)
Water-tube boilers and auxiliary installations – Part 18: Operating instructions (EN 12952-18:2012)
- HRN EN ISO 13088:2013 en pr
Plinske boce – Baterije boca za aceten – Uvjeti punjenja i pregled pri punjenju (ISO 13088:2011; EN ISO 13088:2012)
Gas cylinders – Acetylene cylinder bundles – Filling conditions and filling inspection (ISO 13088:2011; EN ISO 13088:2012)

- HRN EN 14678-3:2013 en pr
Oprema i pribor za UNP – Izvedba i značajke opreme za UNP na stanicama za punjenje motornih vozila – 3. dio: Instalacije za punjenje goriva u komercijalnim i industrijskim prostorima (EN 14678-3:2013)
LPG equipment and accessories – Construction and performance of LPG equipment for automotive filling stations – Part 3: Refuelling installations at commercial and industrial premises (EN 14678-3:2013)
- HRN EN 16119:2013 en pr
Oprema i pribor za UNP – Brtvne kape i čepovi za UNP boce i ventile tlačnih posuda – Specifikacija i ispitivanje (EN 16119:2013)
LPG equipment and accessories – Sealing caps and plugs for LPG cylinder and pressure vessel valves – Specification and testing (EN 16119:2013)
- HRN EN ISO 21007-2:2013 en pr
Plinske boce – Identifikacija i označavanje uporabom tehnologije identificiranja radio-frekvencijom – 2. dio: Brojčane sheme za identifikaciju radio-frekvencije (ISO 21007-2:2013; EN ISO 21007-2:2013)
Gas cylinders – Identification and marking using radio frequency identification technology – Part 2: Numbering schemes for radio frequency identification (ISO 21007-2:2013; EN ISO 21007-2:2013)
- HRN EN ISO 22435:2008/A1:2013 en pr
Plinske boce – Ventili za boce s regulatorom tlaka – Specifikacija i ispitivanje tipa (ISO 22435:2007/Amd 1:2012; EN ISO 22435:2007/A1:2012)
Gas cylinders – Cylinder valves with integrated pressure regulators – Specification and type testing (ISO 22435:2007/Amd 1:2012; EN ISO 22435:2007/A1:2012)

HZN/TO 563, Sigurnost strojeva

- HRN EN 1034-3:2013 en pr
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 3. dio: Strojevi za namatanje, rezanje i pravljenje pregiba (EN 1034-3:2011)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 3: Rereelers and winders (EN 1034-3:2011)
- HRN EN 1034-8:2013 en pr
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 8. dio: Pogoni za prečišćavanje (EN 1034-8:2012)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 8: Refining plants (EN 1034-8:2012)
- HRN EN 1034-16:2013 en pr
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 16. dio: Strojevi za izradu papira i ploča (EN 1034-16:2012)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 16: Paper and board making machines (EN 1034-16:2012)
- HRN EN 1034-26:2013 en pr
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 26. dio: Strojevi za pakiranje svitaka (EN 1034-26:2012)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 26: Roll packaging machines (EN 1034-26:2012)

- HRN EN ISO 13849-2:2013 en pr
Sigurnost strojeva – Sigurnosni dijelovi sustava za nadzor – 2. dio: Potvrđivanje (ISO 13849-2:2012; EN ISO 13849-2:2012)
Safety of machinery – Safety-related parts of control systems – Part 2: Validation (ISO 13849-2:2012; EN ISO 13849-2:2012)
- HRN EN 15429-2:2013 en pr
Strojevi za čišćenje – 2. dio: Izvedbeni zahtjevi i metode ispitivanja (EN 15429-2:2012)
Sweepers – Part 2: Performance requirements and test methods (EN 15429-2:2012)

HZN/TO 568, Analize hrane – Horizontalne metode

- HRN EN 16155:2013 en pr
Foodstuffs – Determination of sucralose – High performance liquid chromatographic method (EN 16155:2012)
- HRN EN 16204:2013 en pr
Foodstuffs – Determination of lipophilic algal toxins (okadaic acid group toxins, yessotoxins, azaspiracids, pectenotoxins) in shellfish and shellfish products by LC-MS/MS (EN 16204:2012)

HZN/TO 569, Hrana za životinje

- HRN EN 16215:2013 en pr
Hrana za životinje – Određivanje dioksina i dioksinu sličnih PCB-a primjenom GC/HRMS i indikatorskih pokazatelja PCB-a primjenom GC/HRMS (EN 16215:2012)
Animal feeding stuffs – Determination of dioxins and dioxin-like PCBs by GC/HRMS and of indicator PCBs by GC/HRMS (EN 16215:2012)
- HRN EN 16277:2013 en pr
Hrana za životinje – Određivanje žive atomskom apsorpcijskom spektrometrijom, tehnikom hladne pare (CVAAS), nakon mikrovalne razgradnje pod tlakom (ekstrakcija sa 65%-tnom dušičnom kiselinom i 30%-tnim vodikovim peroksidom) (EN 16277:2012)
Animal feeding stuffs – Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after microwave pressure digestion (extraction with 65% nitric acid and 30% hydrogen peroxide) (EN 16277:2012)
- HRN EN 16278:2013 en pr
Hrana za životinje – Određivanje anorganskog arsena hidridnom tehnikom atomske apsorpcijske spektrometrije (HG-AAS), nakon mikrovalne ekstrakcije i razdvajanja ekstrakcijom na čvrstom nosaču (SPE) (EN 16278:2012)
Animal feeding stuffs – Determination of inorganic arsenic by hydride generation atomic absorption spectrometry (HG-AAS) after microwave extraction and separation by solid phase extraction (SPE) (EN 16278:2012)
- HRN EN 16279:2013 en pr
Hrana za životinje – Određivanje sadržaja fluorida, nakon obrade klorovodičnom kiselinom, metodom ionsko-selektivne elektrode (ISE) (EN 16279:2012)
Animal feeding stuffs – Determination of fluoride content after hydrochloric acid treatment by ion-sensitive electrode method (ISE) (EN 16279:2012)

HZN/TO E9, Električna oprema za željeznicu

- HRN EN 50121-1:2008/Ispr.1:2013 en pr
Željezničke primjene – Elektromagnetska kompatibilnost – 1. dio: Općenito (EN 50121-1:2006/AC:2008)
Railway applications – Electromagnetic compatibility – Part 1: General (EN 50121-1:2006/AC:2008)

- HRN EN 50121-2:2008/Ispr.1:2013 en pr
Željezničke primjene – Elektromagnetska kompatibilnost – 2. dio: Emisija cjelokupnog željezničkog sustava u vanjski svijet (EN 50121-2:2006/AC:2008)
Railway applications – Electromagnetic compatibility – Part 2: Emission of the whole railway system to the outside world (EN 50121-2:2006/AC:2008)
- HRN EN 50121-3-1:2008/Ispr.1:2013 en pr
Željezničke primjene – Elektromagnetska kompatibilnost – Dio 3-1: Željeznička vozila – Vlak i cijelo vozilo (EN 50121-3-1:2006/AC:2008)
Railway applications – Electromagnetic compatibility – Part 3-1: Rolling stock – Train and complete vehicle (EN 50121-3-1:2006/AC:2008)
- HRN EN 50121-3-2:2008/Ispr.1:2013 en pr
Željezničke primjene – Elektromagnetska kompatibilnost – Dio 3-2: Željeznička vozila – Uređaji (EN 50121-3-2:2006/AC:2008)
Railway applications – Electromagnetic compatibility – Part 3-2: Rolling stock – Apparatus (EN 50121-3-2:2006/AC:2008)
- HRN EN 50121-4:2008/Ispr.1:2013 en pr
Željezničke primjene – Elektromagnetska kompatibilnost – 4. dio: Emisija i otpornost signalnih i telekomunikacijskih uređaja (EN 50121-4:2006/AC:2008)
Railway applications – Electromagnetic compatibility – Part 4: Emission and immunity of the signalling and telecommunications apparatus (EN 50121-4:2006/AC:2008)
- HRN EN 50121-5:2008/Ispr.1:2013 en pr
Željezničke primjene – Elektromagnetska kompatibilnost – 5. dio: Emisija i otpornost stabilnih postrojenja za napajanje i uređaja (EN 50121-5:2006/AC:2008)
Railway applications – Electromagnetic compatibility – Part 5: Emission and immunity of fixed power supply installations and apparatus (EN 50121-5:2006/AC:2008)
- HRN EN 50122-1:2011/A1:2013 en pr
Željezničke primjene – Stabilna postrojenja – Električna sigurnost, uzemljivanje i povratni krug – 1. dio: Zaštitne mjere protiv električnog udara (EN 50122-1:2011/A1:2011)
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 1: Protective provisions against electric shock (EN 50122-1:2011/A1:2011)
- HRN EN 50152-1:2013 en pr
Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – 1. dio: Prekidači nazivnog napona iznad 1 kV (EN 50152-1:2012)
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 1: Circuit-breakers with nominal voltage above 1 kV (EN 50152-1:2012)
- HRN EN 50152-2:2013 en pr
Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – 2. dio: Rastavljači, uzemljivači i prekidači za nazivni napon iznad 1 kV (EN 50152-2:2012)
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 2: Disconnectors, earthing switches and switches with nominal voltage above 1 kV (EN 50152-2:2012)
- HRS CLC/TS 50206-3:2013 en pr
Željezničke primjene – Željeznička vozila – Pantografi: Karakteristike i ispitivanja – 3. dio: Sučelje između pantografa i vozila za željeznička vozila (CLC/TS 50206-3:2010)
Railway applications – Rolling stock – Pantographs: Characteristics and tests – Part 3: Interface between pantograph and rolling stock for rail vehicles (CLC/TS 50206-3:2010)

HRN EN 50317:2013 en pr
 Željezničke primjene – Sustavi oduzimača struje –
 Zahtjevi za mjerenja i vrednovanje mjerenja dinamičkih
 međusobnih djelovanja pantografa i kontaktnog voda
 (EN 50317:2012)
 Railway applications – Current collection systems –
 Requirements for and validation of measurements
 of the dynamic interaction between pantograph and
 overhead contact line (EN 50317:2012)

HRN EN 50388:2013 en pr
 Željezničke primjene – Opskrba električnom energijom
 i željeznička vozila – Tehnički kriteriji za koordinaciju
 između sustava napajanja (podstanica) i željezničkih
 vozila radi postizanja interoperabilnosti
 (EN 50388:2012+AC:2012)
 Railway Applications – Power supply and rolling
 stock – Technical criteria for the coordination between
 power supply (substation) and rolling stock to achieve
 interoperability (EN 50388:2012+AC:2012)

HRN EN 50443:2013 en pr
 Željezničke primjene – Stabilna postrojenja – Učinci
 elektromagnetske interferencije od izmjenične struje za
 željeznicu na vodovodne cijevi – Prihvatljive vrijednosti
 i zaštitne mjere (EN 50443:2011)
 Effects of electromagnetic interference on pipelines
 caused by high voltage a.c. electric traction systems
 and/or high voltage a.c. power supply systems
 (EN 50443:2011)

HRN EN 50463-1:2013 en pr
 Željezničke primjene – Mjerenje energije na vozilima
 – 1. dio: Općenito (EN 50463-1:2012)
 Railway applications – Energy measurement on board
 trains – Part 1: General (EN 50463-1:2012)

HRN EN 50463-2:2013 en pr
 Željezničke primjene – Mjerenje energije na vozilima –
 2. dio: Mjerenje energije (EN 50463-2:2012)
 Railway applications – Energy measurement on board
 trains – Part 2: Energy measuring (EN 50463-2:2012)

HRN EN 50463-3:2013 en pr
 Željezničke primjene – Mjerenje energije na vozilima
 – 3. dio: Postupanje s podacima (EN 50463-3:2012)
 Railway applications – Energy measurement on board
 trains – Part 3: Data handling (EN 50463-3:2012)

HRN EN 50463-4:2013 en pr
 Željezničke primjene – Mjerenje energije na vozilima
 – 4. dio: Komunikacije (EN 50463-4:2012)
 Railway applications – Energy measurement on board
 trains – Part 4: Communication (EN 50463-4:2012)

HRN EN 50463-5:2013 en pr
 Željezničke primjene – Mjerenje energije na vozilima
 – 5. dio: Ocjenjivanje sukladnosti (EN 50463-5:2012)
 Railway applications – Energy measurement on board
 trains – Part 5: Conformity assessment
 (EN 50463-5:2012)

HRI CLC/TR 50501-2:2013 en pr
 Željezničke primjene – Željeznička vozila – Razmjena
 podataka između vozila u vlaku i vlaka s prugom –
 2. dio: Tehnički sadržaj rada na normizaciji u području
 razmjene podataka (CLC/TR 50501-2:2012)
 Railway applications – Rolling stock – Intercom-
 munication between vehicles and train/wayside –
 Part 2: Technical contents of standardization work in
 the field of intercommunication
 (CLC/TR 50501-2:2012)

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

HRS CLC/TS 50562:2013 en pr
 Željezničke primjene – Stabilna postrojenja – Postupak,
 mjere i demonstracija sigurnosti za sustave električne
 vuče (CLC/TS 50562:2011)
 Railway applications – Fixed installations – Process,
 measures and demonstration of safety for electric
 traction systems (CLC/TS 50562:2011)

HZN/TO E22, *Energetska elektronika*

HRN EN 62040-2:2008/Ispr.1:2013 en pr
 Energetski sustavi neprekidnog napajanja (UPS) –
 2. dio: Zahtjevi za elektromagnetsku kompatibilnost
 (EN 62040-2:2006/AC:2006)
 Uninterruptible power systems (UPS) – Part 2:
 Electromagnetic compatibility (EMC) requirements
 (EN 62040-2:2006/AC:2006)

HRN EN 62477-1:2013 en pr
 Zahtjevi na sigurnost sustava elektroničkih energetskih
 pretvarača i opreme – 1. dio: Općenito
 (IEC 62477-1:2012; EN 62477-1:2012)
 Safety requirements for power electronic converter
 systems and equipment – Part 1: General
 (IEC 62477-1:2012; EN 62477-1:2012)

HZN/TO E23, *Električni instalacijski pribor*

HRN EN 50250:2013 en pr
 Pretvarački adapteri za primjenu u industriji
 (EN 50250:2002+AC:2002+AC:2007)
 Conversion adaptors for industrial use
 (EN 50250:2002+AC:2002+AC:2007)

HRN EN 50550:2013 en pr
 Energetski frekvencijski uređaj za zaštitu od prenapona
 za kućanstvo i slične primjene (POP)
 (EN 50550:2011+AC:2012)
 Power frequency overvoltage protective device for
 household and similar applications (POP)
 (EN 50550:2011+AC:2012)

HRN EN 61543:1997/Ispr.1:2013 en pr
 Strujne zaštitne sklopke (RCD-i) za kućanstvo i sličnu
 uporabu – Elektromagnetska snošljivost
 (EN 61543:1995/AC:1997)
 Residual current-operated protective devices (RCDs)
 for household and similar use – Electromagnetic
 compatibility (EN 61543:1995/AC:1997)

HZN/TO E31, *Eksplozivne atmosfere*

HRN EN 1839:2013 en pr
 Određivanje granica eksplozivnosti za plinove i pare
 (EN 1839:2012)
 Determination of explosion limits of gases and vapours
 (EN 1839:2012)

HRN EN 50177:2010/A1:2013 en pr
 Stacionarna oprema za elektrostatsko nanošenje
 zapaljivog praha za premazivanje – Sigurnosni zahtjevi
 (EN 50177:2009/A1:2012)
 Stationary electrostatic application equipment for
 ignitable coating powders – Safety requirements
 (EN 50177:2009/A1:2012)

HZN/TO E44, *Elektrotehnička sigurnost strojeva*

HRN EN 60204-31:1999/Ispr.1:2013 en pr
 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)

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

- HRN EN 61121:2013 en pr
Električne bubnjaste sušilice rublja za kućansku i sličnu uporabu – Ispitne metode za mjerenje radnih značajka (IEC 61121:2012, MOD; EN 61121:2013)
Tumble dryers for household use – Methods for measuring the performance (IEC 61121:2012, MOD; EN 61121:2013)

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

- HRN EN 60335-2-27:2011/Ispr.1:2013 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-27: Posebni zahtjevi za aparate za izlaganje kože ultraljubičastom i infracrvenom zračenju (EN 60335-2-27:2010/AC:2010)
Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (EN 60335-2-27:2010/AC:2010)
- HRN EN 61770:2011/Ispr.1:2013 en pr
Električni aparati spojeni na vodovod – Izbjegavanje povratnog usisa i otkazivanje cijevnoga priključka (EN 61770:2009/AC:2011)
Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets (EN 61770:2009/AC:2011)

HZN/TO E79, *Alarmni sustavi*

- HRN EN 50130-4:1997/A2:2004/Ispr.1:2013 en pr
Alarmni sustavi – 4. dio: Elektromagnetska kompatibilnost – Norma za grupu proizvoda – Zahtjevi otpornosti alarmnih sustava na požar i provalu i zahtjevi otpornosti za socijalne alarmne sustave (EN 50130-4:1995/A2:2003/AC:2003)
Alarm systems – Part 4: Electromagnetic compatibility – Product family standard: Immunity requirements for components of fire, intruder and social alarm systems (EN 50130-4:1995/A2:2003/AC:2003)
- HRN EN 50131-2-7-1:2013 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-7-1: Protuprovalni detektori – Detektori loma stakla (akustički) (EN 50131-2-7-1:2012)
Alarm systems – Intrusion and hold-up systems – Part 2-7-1: Intrusion detectors – Glass break detectors (acoustic) (EN 50131-2-7-1:2012)
- HRN EN 50131-2-7-2:2013 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-7-2: Protuprovalni detektori – Detektori loma stakla (pasivni) (EN 50131-2-7-2:2012)
Alarm systems – Intrusion and hold-up systems – Part 2-7-2: Intrusion detectors – Glass break detectors (passive) (EN 50131-2-7-2:2012)
- HRN EN 50131-2-7-3:2013 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-7-3: Protuprovalni detektori – Detektori loma stakla (aktivni) (EN 50131-2-7-3:2012)
Alarm systems – Intrusion and hold-up systems – Part 2-7-3: Intrusion detectors – Glass break detectors (active) (EN 50131-2-7-3:2012)
- HRN EN 50132-5-3:2013 en pr
Alarmni sustavi – Sustavi nadzora primjenom televizije zatvorenoga kruga u primjenama zaštite – Dio 5-3: Videoprijenos – Analogni i digitalni videoprijenos (EN 50132-5-3:2012)
Alarm systems – CCTV surveillance systems for use in security applications – Part 5-3: Video transmission – Analogue and digital video transmission (EN 50132-5-3:2012)

- HRN EN 50132-7:2013 en pr
Alarmni sustavi – Sustavi nadzora primjenom televizije zatvorenoga kruga u primjenama zaštite – 7. dio: Smjernice za primjenu (EN 50132-7:2012)
Alarm system – CCTV surveillance systems for use in security applications – Part 7: Application guidelines (EN 50132-7:2012)

HZN/TO E81, *Zaštita od munje*

- HRN EN 62305-1:2013 en pr
Zaštita od munje – 1. dio: Opća načela (IEC 62305-1:2010, MOD; EN 62305-1:2011)
Protection against lightning – Part 1: General principles (IEC 62305-1:2010, MOD; EN 62305-1:2011)
- HRN EN 62305-2:2013 en pr
Zaštita od munje – 2. dio: Upravljanje rizikom (IEC 62305-2:2010, MOD; EN 62305-2:2012)
Protection against lightning – Part 2: Risk management (IEC 62305-2:2010, MOD; EN 62305-2:2012)
- HRN EN 62561-1:2013 en pr
Sastavnice sustava zaštite od munje (LPSC) – 1. dio: Zahtjevi za spojne elemente (IEC 62561-1:2012, MOD; EN 62561-1:2012)
Lightning Protection System Components (LPSC) – Part 1: Requirements for connection components (IEC 62561-1:2012, MOD; EN 62561-1:2012)
- HRN EN 62561-2:2013 en pr
Sastavnice sustava zaštite od munje (LPSC) – 2. dio: Zahtjevi za vodiče i uzemljivače (IEC 62561-2:2012, MOD; EN 62561-2:2012)
Lightning Protection System Components (LPSC) – Part 2: Requirements for conductors and earth electrodes (IEC 62561-2:2012, MOD; EN 62561-2:2012)
- HRN EN 62561-3:2013 en pr
Sastavnice sustava zaštite od munje (LPSC) – 3. dio: Zahtjevi za odvojna iskrišta (IEC 62561-3:2012, MOD; EN 62561-3:2012)
Lightning Protection System Components (LPSC) – Part 3: Requirements for isolating spark gaps (IEC 62561-3:2012, MOD; EN 62561-3:2012)
- HRN EN 62561-7:2013 en pr
Sastavnice sustava zaštite od munje (LPSC) – 7. dio: Zahtjevi za smjese za poboljšanje uzemljenja (IEC 62561-7:2011, MOD; EN 62561-7:2012)
Lightning Protection System Components (LPSC) – Part 7: Requirements for earthing enhancing compounds (IEC 62561-7:2011, MOD; EN 62561-7:2012)

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

- HRN EN 62075:2013 en pr
Oprema audio/video, informacijske i komunikacijske tehnologije – Dizajn prihvatljiv za okoliš (IEC 62075:2012; EN 62075:2012)
Audio/video, information and communication technology equipment – Environmentally conscious design (IEC 62075:2012; EN 62075:2012)
- HRN EN 62623:2013 en pr
Desktop and notebook computers – Measurement of energy consumption (IEC 62623:2012; EN 62623:2013)

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

- HRN EN 55014-2:1997/Ispr.1:2013 en pr
Elektromagnetska kompatibilnost – Zahtjevi otpornosti prema smetnjama za kućanske naprave, alate i slične uređaje – 2. dio: Norma srodnih uređaja (EN 55014-2:1997/AC:1997)

Electromagnetic compatibility – Immunity requirements for household appliances, tools and similar apparatus – Part 2: Immunity – Product family standard (EN 55014-2:1997/AC:1997)

HZN/TO T4, Normizacija u telekomunikacijama

- HRN ETS 300 735 V1:2013 en pr
Satellite Personal Communications Networks (S-PCN) – Network Control Facilities (NCF) for Mobile Earth Stations (MES), including handheld earth stations, for S-PCN in the 1,6/2,4 GHz and the 2,0 GHz bands, providing voice and/or data communications under the Mobile Satellite Service (MSS) (ETS 300 735 ed.1:1997)
- HRN ETS 300 737 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Unutarpojasno upravljanje udaljenih transkodera i adaptora brzine prijenosa za EFR i FR prometne govorne kanale (GSM 08.60) (ETS 300 737 ed.1:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels (GSM 08.60) (ETS 300 737 ed.1:1997)
- HRN ETS 300 737 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Unutarpojasno upravljanje udaljenih transkodera i adaptora brzine prijenosa za EFR i FR prometne govorne kanale (GSM 08.60) (ETS 300 737 ed.2:1998)
Digital cellular telecommunications system (Phase 2+) (GSM) – In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels (GSM 08.60 version 5.1.1) (ETS 300 737 ed.2:1998)
- HRN ETS 300 738 V1:2013 en pr
Human Factors (HF) – Minimum Man-Machine Interface (MMI) to public network based supplementary services (ETS 300 738 ed.1:1997)
- HRN ETS 300 739 V1:2013 en pr
Private Integrated Services Network (PISN) – Profile Standard for the connection of Radio Paging Equipment (RPE) to a PISN (ETS 300 739 ed.1:1996)
- HRN ETS 300 740 V1:2013 en pr
Satellite Earth Stations and Systems (SES) – Maritime Mobile Earth Stations (MMES) operating in the 1,5/1,6 GHz bands providing Low Bit Rate Data Communications (LBRDC) in the Maritime Mobile Satellite Service (MMSS), not intended for distress and safety communications (ETS 300 740 ed.1:1997)
- HRN ETS 300 742 V1:2013 en pr
Transmission and Multiplexing (TM) – Physical layer User Network Interface (UNI) for 2048 kbit/s Asynchronous Transfer Mode (ATM) signals (ETS 300 742 ed.1:1997)
- HRN ETS 300 743 V1:2013 en pr
Digitalna videoradiodifuzija (DVB) – Sustavi za stavljanje podnaslova (ETS 300 743 ed.1:1997)
Digital Video Broadcasting (DVB) – Subtitling systems (ETS 300 743 ed.1:1997)
- HRN ETS 300 744 V1:2013 en pr
Radiodifuzija digitalnog videosignala (DVB) – Struktura vremenskog odabira, kodiranje kanala i modulacija za digitalnu terestrijalnu televiziju (ETS 300 744 ed.1:1997)
Digital Video Broadcasting (DVB) – Framing structure, channel coding and modulation for digital terrestrial television (ETS 300 744 ed.1:1997)
- HRN ETS 300 746 V1:2013 en pr
Transmission and Multiplexing (TM) – Synchronous Digital Hierarchy (SDH) – Network protection schemes – Automatic Protection Switch (APS) protocols and operation (ETS 300 746 ed.1:1997)
- HRN ETS 300 747 V1:2013 en pr
Telecommunications security – Service access control and synchronization for audiovisual services (ETS 300 747 ed.1:1997)
- HRN ETS 300 748 V1:2013 en pr
Digital Video Broadcasting (DVB) – Framing structure, channel coding and modulation for MVDS at 10 GHz and above (ETS 300 748 ed.1:1996)
- HRN ETS 300 749 V1:2013 en pr
Digital Video Broadcasting (DVB) – Framing structure, channel coding and modulation for MMDS systems below 10 GHz (ETS 300 749 ed.1:1997)
- HRN ETS 300 750 V1:2013 en pr
Radio broadcasting systems – Very High Frequency (VHF), frequency modulated, sound broadcasting transmitters in the 66 to 73 MHz band (ETS 300 750 ed.1:1997)
- HRN ETS 300 751 V1:2013 en pr
Radio broadcasting systems – System for Wireless Infotainment Forwarding and Teledistribution (SWIFT) (ETS 300 751 ed.1:1997)
- HRN ETS 300 752 V1:2013 en pr
Radio Equipment and Systems (RES) – Terrestrial Flight Telecommunications System (TFTS) – Packet mode data (ETS 300 752 ed.1:1997)
- HRN ETS 300 753 V1:2013 en pr
Tehnologija opreme (EE) – Akustični šum koji odašilje telekomunikacijska oprema (ETS 300 753 ed.1:1997)
Equipment Engineering (EE) – Acoustic noise emitted by telecommunications equipment (ETS 300 753 ed.1:1997)
- HRN ETS 300 755 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Data Services Profile (DSP) – Multimedia Messaging Service (MMS) with specific provision for facsimile services (service type F, class 2) (ETS 300 755 ed.1:1997)
- HRN ETS 300 756 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – DECT/GSM Interworking Profile (IWP) – Implementation of bearer services (ETS 300 756 ed.1:1997)
- HRN ETS 300 757 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Data Services Profile (DSP) – Low rate messaging service (service type E, class 2) (ETS 300 757 ed.1:1997)
- HRN ETS 300 759 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – DECT Authentication Module (DAM) – Test specification for DAM (ETS 300 759 ed.1:1997)
- HRN ETS 300 760 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – DECT Authentication Module (DAM) – Implementation Conformance Statement (ICS) proforma specification (ETS 300 760 ed.1:1997)
- HRN ETS 300 764 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – DECT/GSM Interworking Profile (IWP) – Implementation of short message service, point-to-point and cell broadcast (ETS 300 764 ed.1:1997)
- HRN ETS 300 766 V1:2013 en pr
Business Telecommunications (BTC) – Multiple 64 kbit/s digital unrestricted leased lines with octet integrity presented at a structured 2 048 kbit/s interface at either or both ends (D64M) – Connection characteristics and network interface presentation (ETS 300 766 ed.1:1998)

- HRN ETS 300 767 V1:2013 en pr
Human Factors (HF) – Telephone Prepayment Cards – Tactile Identifier (ETS 300 767 ed.1:1997)
- HRN ETS 300 779 V1:2013 en pr
Network Aspects (NA) – Universal Personal Telecommunication (UPT) – Phase 1 – Service description (ETS 300 779 ed.1:1997)
- HRN ETS 300 780 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Broadband Connection-Oriented Bearer Service (BCOBCS) [ITU-T Recommendation F.811 (1996)] (ETS 300 780 ed.1:1997)
- HRN ETS 300 784 V1:2013 en pr
Satellite Earth Stations and Systems (SES) – Television Receive-Only (TVRO) satellite earth stations operating in the 11/12 GHz frequency bands (ETS 300 784 ed.1:1997)
- HRN ETS 300 785 V1:2013 en pr
Transmission and Multiplexing (TM) – Synchronous Digital Hierarchy (SDH) – Radio specific functional blocks for transmission of M x sub-STM-1 (ETS 300 785 ed.1:1998)
- HRN ETS 300 787 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – Integrated Services Digital Network (ISDN); DECT access to GSM via ISDN – General description of service requirements (ETS 300 787 ed.1:1997)
- HRN ETS 300 788 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – Integrated Services Digital Network (ISDN) – DECT access to GSM via ISDN – Functional capabilities and information flows (ETS 300 788 ed.1:1997)
- HRN ETS 300 790 V1:2013 en pr
Universal Personal Telecommunication (UPT) – Security architecture for UPT phase 2 – Specification (ETS 300 790 ed.1:1997)
- HRN ETS 300 791 V1:2013 en pr
Universal Personal Telecommunication (UPT) – Security architecture for UPT phase 2 – Conformance Test Specification (CTS) (ETS 300 791 ed.1:1997)
- HRN ETS 300 792 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – DECT/GSM Interworking Profile (IWP) – Implementation of facsimile group 3 (ETS 300 792 ed.1:1997)
- HRN ETS 300 795 V1:2013 en pr
V interfaces at the digital Local Exchange (LE) – Access Network (AN) supporting V5 – Transmission characteristics and performance design objectives for call handling and bearer channel connection management (ETS 300 795 ed.1:1998)
- HRN ETS 300 799 V1:2013 en pr
Digital Audio Broadcasting (DAB) – Distribution interfaces – Ensemble Transport Interface (ETI) (ETS 300 799 ed.1:1997)
- HRN ETS 300 800 V1:2013 en pr
Digital Video Broadcasting (DVB) – Interaction channel for Cable TV distribution systems (CATV) (ETS 300 800 ed.1:1998)
- HRN ETS 300 801 V1:2013 en pr
Digital Video Broadcasting (DVB) – Interaction channel through Public Switched Telecommunications Network (PSTN)/ Integrated Services Digital Networks (ISDN) (ETS 300 801 ed.1:1997)
- HRN ETS 300 802 V1:2013 en pr
Digital Video Broadcasting (DVB) – Network-independent protocols for DVB interactive services (ETS 300 802 ed.1:1997)
- HRN ETS 300 807 V1:2013 en pr
Integrated Services Digital Network (ISDN) – Audio characteristics of terminals designed to support conference services in the ISDN (ETS 300 807 ed.1:1997)
- HRN ETS 300 813 V1:2013 en pr
Digital Video Broadcasting (DVB) – DVB interfaces to Plesiochronous Digital Hierarchy (PDH) networks (ETS 300 813 ed.1:1997)
- HRN ETS 300 814 V1:2013 en pr
Digital Video Broadcasting (DVB) – DVB interfaces to Synchronous Digital Hierarchy (SDH) networks (ETS 300 814 ed.1:1998)
- HRN ETS 300 818 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Asynchronous Transfer Mode (ATM) – Retainability performance for B-ISDN switched connections (ETS 300 818 ed.1:1998)
- HRN ETS 300 821 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – ATM Adaptation Layer (AAL) – Support of the High Level Data Link Control (HDLC) core service by AAL type 5 [ITU-T Recommendation I.365.4 (1996)] (ETS 300 821 ed.1:1998)
- HRN ETS 300 822 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for intermediate system configuration – Interworking and profile specification (ETS 300 822 ed.1:1998)
- HRN ETS 300 823 V1:2013 en pr
Universal Personal Telecommunication (UPT) – UPT phase 2 – Functional specification of the interface of a UPT Integrated Circuit Card (ICC) and Public Switched Telephone Network (PSTN), Integrated Services Digital Network (ISDN) and Global System for Mobile communications (GSM) terminals (one pass and multiple pass authentication) (ETS 300 823 ed.1:1997)
- HRN ETS 300 824 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Cordless Terminal Mobility (CTM) – CTM Access Profile (CAP) (ETS 300 824 ed.1:1997)
- HRN ETS 300 825 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – 3 Volt DECT Authentication Module (DAM) (ETS 300 825 ed.1:1997)
- HRN ETS 300 834 V1:2013 en pr
Terminal Equipment (TE) – Narrowband networks (PSTN or ISDN) – Access to interactive audio-visual retrieval services without datafacility – Access for ISDN or PSTN videophony terminals to audio-visual databases (ETS 300 834 ed.1:1998)
- HRN ETS 300 835 V1:2013 en pr
Multimedia Terminals and Applications (MTA) – Programmable Communication Interface (PCI) for file transfer over Integrated Services Digital Network (ISDN) (ETS 300 835 ed.1:1998)
- HRN ETS 300 838 V1:2013 en pr
Integrated Services Digital Network (ISDN) – Harmonized Programmable Communication Interface (HPCI) for ISDN (ETS 300 838 ed.1:1998)
- HRN ETS 300 840 V1:2013 en pr
Telecommunications security – Integrated Services Digital Network (ISDN) – Confidentiality system for audiovisual services (ETS 300 840 ed.1:1998)
- HRN ETS 300 841 V1:2013 en pr
Telecommunications security – Integrated Services Digital Network (ISDN) – Encryption key management and authentication system for audiovisual services (ETS 300 841 ed.1:1998)

- HRN ETS 300 842 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – ATM Adaptation Layer (AAL) – Sublayers: Service Specific Co-ordination Function (SSCF) to provide the Connection-Oriented Network Service (CONS) [ITU-T Recommendation I.365.2 (1995)] (ETS 300 842 ed.1:1998)
- HRN ETS 300 900 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Alphabets and language-specific information (GSM 03.38 version 5.4.1) (ETS 300 900 ed.1:1997)
- HRN ETS 300 900 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Alphabets and language-specific information (GSM 03.38 version 5.5.1) (ETS 300 900 ed.2:1997)
- HRN ETS 300 900 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Alphabets and language-specific information (GSM 03.38 version 5.6.1) (ETS 300 900 ed.3:1998)
- HRN ETS 300 901 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.4.1) (ETS 300 901 ed.1:1997)
- HRN ETS 300 901 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.5.1) (ETS 300 901 ed.2:1997)
- HRN ETS 300 901 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.6.1) (ETS 300 901 ed.3:1998)
- HRN ETS 300 901 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.7.1) (ETS 300 901 ed.4:1998)
- HRN ETS 300 901 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.8.1 Release 1996) (ETS 300 901 ed.5:1998)
- HRN ETS 300 902 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.4.1) (ETS 300 902 ed.1:1997)
- HRN ETS 300 902 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.5.1) (ETS 300 902 ed.2:1997)
- HRN ETS 300 902 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.6.1) (ETS 300 902 ed.3:1998)
- HRN ETS 300 902 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.8.1) (ETS 300 902 ed.4:1998)
- HRN ETS 300 902 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.9.1 Release 1996) (ETS 300 902 ed.5:1999)
- HRN ETS 300 903 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Aspekti planiranja transmisije govornih usluga u GSM PLMN sustavima (GSM 03.50 verzija 5.0.2) (ETS 300 903 ed.1:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (GSM 03.50 version 5.0.2) (ETS 300 903 ed.1:1997)
- HRN ETS 300 903 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Aspekti planiranja transmisije govornih usluga u GSM PLMN sustavima (GSM 03.50 verzija 5.1.1) (ETS 300 903 ed.2:1998)
Digital cellular telecommunications system (Phase 2+) (GSM) – Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (GSM 03.50 version 5.1.1) (ETS 300 903 ed.2:1998)
- HRN ETS 300 903 V3:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Aspekti planiranja transmisije govornih usluga u GSM PLMN sustavima (GSM 03.50 verzija 5.2.0, objavljeno 1996.) (ETS 300 903 ed.3:1999)
Digital cellular telecommunications system (Phase 2+) (GSM) – Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (GSM 03.50 version 5.2.0 Release 1996) (ETS 300 903 ed.3:1999)
- HRN ETS 300 903 V4:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Aspekti planiranja transmisije govornih usluga u GSM PLMN sustavima (GSM 03.50 verzija 5.3.1, objavljeno 1996.) (ETS 300 903 ed.4:1999)
Digital cellular telecommunications system (Phase 2+) (GSM) – Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (GSM 03.50 version 5.3.1 Release 1996) (ETS 300 903 ed.4:1999)
- HRN ETS 300 904 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Usluge nositelja (BS) koje podržava GSM PLMN (GSM 02.02 verzija 5.2.1) (ETS 300 904 ed.1:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Bearer Services (BS) supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.02 version 5.2.1) (ETS 300 904 ed.1:1997)
- HRN ETS 300 904 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Usluge nositelja (BS) koje podržava GSM PLMN (GSM 02.02 verzija 5.3.2) (ETS 300 904 ed.2:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Bearer Services (BS) supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.02 version 5.3.2) (ETS 300 904 ed.2:1997)
- HRN ETS 300 905 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Teleservices supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.03 version 5.1.2) (ETS 300 905 ed.1:1997)
- HRN ETS 300 905 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Teleservices supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.03 version 5.2.1) (ETS 300 905 ed.2:1997)
- HRN ETS 300 905 V3:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+) (GSM) – Teleservices supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.03 version 5.3.2) (ETS 300 905 ed.3:1998)

- HRN ETS 300 906 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Mobile Station (MS) features
(GSM 02.07 version 5.2.1) (ETS 300 906 ed.1:1997)
- HRN ETS 300 906 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Mobile Station (MS) features
(GSM 02.07 version 5.3.2) (ETS 300 906 ed.2:1997)
- HRN ETS 300 906 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Mobile Station (MS) features
(GSM 02.07 version 5.4.1) (ETS 300 906 ed.3:1998)
- HRN ETS 300 907 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Man-Machine Interface (MMI) of the Mobile
Station (MS) (GSM 02.30 version 5.3.2)
(ETS 300 907 ed.1:1997)
- HRN ETS 300 907 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Man-Machine Interface (MMI) of the Mobile
Station (MS) (GSM 02.30 version 5.4.1)
(ETS 300 907 ed.2:1997)
- HRN ETS 300 907 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Man-Machine Interface (MMI) of the Mobile
Station (MS) (GSM 02.30 version 5.5.2)
(ETS 300 907 ed.3:1998)
- HRN ETS 300 907 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Man-Machine Interface (MMI) of the Mobile
Station (MS) (GSM 02.30 version 5.6.2)
(ETS 300 907 ed.4:1998)
- HRN ETS 300 907 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Man-Machine Interface (MMI) of the Mobile
Station (MS) (GSM 02.30 version 5.7.1 Release 1996)
(ETS 300 907 ed.5:1999)
- HRN ETS 300 908 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Multiplexiranje i višestruki pristup na radijskoj
stazi (GSM 05.02 verzija 5.2.1)
(ETS 300 908 ed.1:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Multiplexing and multiple access on the radio
path (GSM 05.02 version 5.2.1)
(ETS 300 908 ed.1:1997)
- HRN ETS 300 908 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Multiplexiranje i višestruki pristup na radijskoj
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(ETS 300 908 ed.2:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Multiplexing and multiple access on the radio
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(ETS 300 908 ed.2:1997)
- HRN ETS 300 908 V3:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Multiplexiranje i višestruki pristup na radijskoj
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(ETS 300 908 ed.3:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Multiplexing and multiple access on the radio
path (GSM 05.02 version 5.4.1)
(ETS 300 908 ed.3:1997)
- HRN ETS 300 908 V4:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Multiplexiranje i višestruki pristup na radijskoj
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- Digital cellular telecommunications system (Phase 2+)
(GSM) – Multiplexing and multiple access on the radio
path (GSM 05.02 version 5.6.1)
(ETS 300 908 ed.4:1998)
- HRN ETS 300 908 V5:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Multiplexiranje i višestruki pristup na radijskoj
stazi (GSM 05.02 verzija 5.7.1)
(ETS 300 908 ed.5:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Multiplexing and multiple access on the radio
path (GSM 05.02 version 5.7.1)
(ETS 300 908 ed.5:1998)
- HRN ETS 300 908 V6:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Multiplexiranje i višestruki pristup na radijskoj
stazi (GSM 05.02 verzija 5.8.1, objavljeno 1996.)
(ETS 300 908 ed.6:1999)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Multiplexing and multiple access on the radio
path (GSM 05.02 version 5.8.1 Release 1996)
(ETS 300 908 ed.6:1999)
- HRN ETS 300 909 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Kodiranje kanala (GSM 05.03 verzija 5.2.2)
(ETS 300 909 ed.1:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Channel coding (GSM 05.03 version 5.2.2)
(ETS 300 909 ed.1:1997)
- HRN ETS 300 909 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Kodiranje kanala (GSM 05.03 verzija 5.3.1)
(ETS 300 909 ed.2:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Channel coding (GSM 05.03 version 5.3.1)
(ETS 300 909 ed.2:1997)
- HRN ETS 300 909 V3:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Kodiranje kanala (GSM 05.03 verzija 5.5.1)
(ETS 300 909 ed.3:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Channel coding (GSM 05.03 version 5.5.1)
(ETS 300 909 ed.3:1998)
- HRN ETS 300 910 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.3.1) (ETS 300 910 ed.1:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.3.1) (ETS 300 910 ed.1:1997)
- HRN ETS 300 910 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.4.1) (ETS 300 910 ed.2:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.4.1) (ETS 300 910 ed.2:1997)
- HRN ETS 300 910 V3:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.5.1) (ETS 300 910 ed.3:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.5.1) (ETS 300 910 ed.3:1998)
- HRN ETS 300 910 V4:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.7.1) (ETS 300 910 ed.4:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.7.1) (ETS 300 910 ed.4:1998)

- HRN ETS 300 910 V5:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.8.1) (ETS 300 910 ed.5:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.8.1) (ETS 300 910 ed.5:1998)
- HRN ETS 300 910 V6:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.9.1) (ETS 300 910 ed.6:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.9.1) (ETS 300 910 ed.6:1998)
- HRN ETS 300 910 V7:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.10.0, objavljeno 1996.)
(ETS 300 910 ed.7:1999)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.10.0 Release 1996)
(ETS 300 910 ed.7:1999)
- HRN ETS 300 910 V8:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Radijsko odašiljanje i prijam
(GSM 05.05 verzija 5.11.1, objavljeno 1996.)
(ETS 300 910 ed.8:1999)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio transmission and reception
(GSM 05.05 version 5.11.1 Release 1996)
(ETS 300 910 ed.8:1999)
- HRN ETS 300 911 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem link control
(GSM 05.08 version 5.2.1) (ETS 300 911 ed.1:1997)
- HRN ETS 300 911 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem link control
(GSM 05.08 version 5.3.1) (ETS 300 911 ed.2:1997)
- HRN ETS 300 911 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem link control
(GSM 05.08 version 5.4.1) (ETS 300 911 ed.3:1997)
- HRN ETS 300 911 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem link control
(GSM 05.08 version 5.6.1) (ETS 300 911 ed.4:1998)
- HRN ETS 300 911 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem link control
(GSM 05.08 version 5.7.1) (ETS 300 911 ed.5:1998)
- HRN ETS 300 911 V6:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem link control
(GSM 05.08 version 5.8.1) (ETS 300 911 ed.6:1998)
- HRN ETS 300 911 V7:2013 en pr
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(GSM) – Radio subsystem link control
(GSM 05.08 version 5.9.0 Release 1996)
(ETS 300 911 ed.7:1999)
- HRN ETS 300 912 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Sinkronizacija radijskih podsustava
(GSM 05.10 verzija 5.1.1) (ETS 300 912 ed.1:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem synchronization
(GSM 05.10 version 5.1.1) (ETS 300 912 ed.1:1997)
- HRN ETS 300 912 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Sinkronizacija radijskih podsustava
(GSM 05.10 verzija 5.2.2, objavljeno 1996.)
(ETS 300 912 ed.2:1999)
- Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio subsystem synchronization
(GSM 05.10 version 5.2.2 Release 1996)
(ETS 300 912 ed.2:1999)
- HRN ETS 300 913 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on Terminal Adaptation Functions
(TAF) for Mobile Stations (MS) (GSM 07.01 version
5.3.1) (ETS 300 913 ed.1:1997)
- HRN ETS 300 913 V2:2013 en pr
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(GSM) – General on Terminal Adaptation Functions
(TAF) for Mobile Stations (MS) (GSM 07.01 version
5.4.2) (ETS 300 913 ed.2:1997)
- HRN ETS 300 913 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on Terminal Adaptation Functions
(TAF) for Mobile Stations (MS) (GSM 07.01 version
5.5.1) (ETS 300 913 ed.3:1998)
- HRN ETS 300 913 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on Terminal Adaptation Functions
(TAF) for Mobile Stations (MS) (GSM 07.01 version
5.6.1) (ETS 300 913 ed.4:1998)
- HRN ETS 300 913 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on Terminal Adaptation Functions
(TAF) for Mobile Stations (MS) (GSM 07.01 version
5.7.1) (ETS 300 913 ed.5:1998)
- HRN ETS 300 913 V6:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on Terminal Adaptation Functions
(TAF) for Mobile Stations (MS) (GSM 07.01 version
5.8.1) (ETS 300 913 ed.6:1998)
- HRN ETS 300 913 V7:2013 en pr
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(GSM) – General on Terminal Adaptation Functions
(TAF) for Mobile Stations (MS) (GSM 07.01 version
5.9.1 Release 1996) (ETS 300 913 ed.7:1999)
- HRN ETS 300 914 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using asynchronous bearer capabilities
(GSM 07.02 version 5.1.2) (ETS 300 914 ed.1:1997)
- HRN ETS 300 914 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using asynchronous bearer capabilities
(GSM 07.02 version 5.2.2) (ETS 300 914 ed.2:1997)
- HRN ETS 300 914 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using asynchronous bearer capabilities
(GSM 07.02 version 5.3.1) (ETS 300 914 ed.3:1998)
- HRN ETS 300 914 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using asynchronous bearer capabilities
(GSM 07.02 version 5.4.1) (ETS 300 914 ed.4:1998)
- HRN ETS 300 914 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using asynchronous bearer capabilities
(GSM 07.02 version 5.5.1) (ETS 300 914 ed.5:1998)
- HRN ETS 300 915 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using synchronous bearer capabilities
(GSM 07.03 version 5.0.2) (ETS 300 915 ed.1:1997)

- HRN ETS 300 915 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using synchronous bearer capabilities
(GSM 07.03 version 5.1.2) (ETS 300 915 ed.2:1997)
- HRN ETS 300 915 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using synchronous bearer capabilities
(GSM 07.03 version 5.2.1) (ETS 300 915 ed.3:1998)
- HRN ETS 300 915 V4:2013 en pr
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(GSM) – Terminal Adaptation Functions (TAF) for
services using synchronous bearer capabilities
(GSM 07.03 version 5.3.1) (ETS 300 915 ed.4:1998)
- HRN ETS 300 915 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Terminal Adaptation Functions (TAF) for
services using synchronous bearer capabilities
(GSM 07.03 version 5.4.1) (ETS 300 915 ed.5:1998)
- HRN ETS 300 916 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.1.1)
(ETS 300 916 ed.1:1997)
- HRN ETS 300 916 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.2.1)
(ETS 300 916 ed.2:1997)
- HRN ETS 300 916 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.3.2)
(ETS 300 916 ed.3:1998)
- HRN ETS 300 916 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.5.1)
(ETS 300 916 ed.4:1998)
- HRN ETS 300 916 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.6.1)
(ETS 300 916 ed.5:1998)
- HRN ETS 300 916 V6:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.7.1 Release 1996)
(ETS 300 916 ed.6:1998)
- HRN ETS 300 916 V7:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.8.1 Release 1996)
(ETS 300 916 ed.7:1999)
- HRN ETS 300 916 V8:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – AT command set for GSM Mobile Equipment
(ME) (GSM 07.07 version 5.9.1 Release 1996)
(ETS 300 916 ed.8:1999)
- HRN ETS 300 917 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – GSM Application Programming Interface
(GSM-API) (GSM 07.08 version 5.2.1)
(ETS 300 917 ed.1:1998)
- HRN ETS 300 918 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Općenito o dodatnim uslugama
(GSM 02.04 verzija 5.4.1) (ETS 300 918 ed.1:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on supplementary services
(GSM 02.04 version 5.4.1) (ETS 300 918 ed.1:1997)
- HRN ETS 300 918 V2:2013 en pr
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(GSM) – Općenito o dodatnim uslugama
(GSM 02.04 verzija 5.5.1) (ETS 300 918 ed.2:1997)
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(GSM) – General on supplementary services
(GSM 02.04 version 5.5.1) (ETS 300 918 ed.2:1997)
- HRN ETS 300 918 V3:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Općenito o dodatnim uslugama
(GSM 02.04 verzija 5.6.2) (ETS 300 918 ed.3:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on supplementary services
(GSM 02.04 version 5.6.2) (ETS 300 918 ed.3:1998)
- HRN ETS 300 918 V4:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Općenito o dodatnim uslugama
(GSM 02.04 verzija 5.7.2, objavljeno 1996.)
(ETS 300 918 ed.4:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on supplementary services
(GSM 02.04 version 5.7.2 Release 1996)
(ETS 300 918 ed.4:1998)
- HRN ETS 300 918 V5:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Općenito o dodatnim uslugama
(GSM 02.04 verzija 5.7.4, objavljeno 1996.)
(ETS 300 918 ed.5:1999)
Digital cellular telecommunications system (Phase 2+)
(GSM) – General on supplementary services
(GSM 02.04 version 5.7.4 Release 1996)
(ETS 300 918 ed.5:1999)
- HRN ETS 300 919 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Vrste pokretnih postaja (MS) (GSM 02.06
verzija 5.0.1) (ETS 300 919 ed.1:1997)
Digital cellular telecommunications system – Types
of Mobile Stations (MS) (GSM 02.06 version 5.0.1)
(ETS 300 919 ed.1:1997)
- HRN ETS 300 919 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Vrste pokretnih postaja (MS)
(GSM 02.06 verzija 5.1.1) (ETS 300 919 ed.2:1997)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Types of Mobile Stations (MS)
(GSM 02.06 version 5.1.1) (ETS 300 919 ed.2:1997)
- HRN ETS 300 919 V3:2013 en pr
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(GSM) – Vrste pokretnih postaja (MS)
(GSM 02.06 verzija 5.2.1, objavljeno 1996.)
(ETS 300 919 ed.3:1999)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Types of Mobile Stations (MS)
(GSM 02.06 version 5.2.1 Release 1996)
(ETS 300 919 ed.3:1999)
- HRN ETS 300 920 V1:2013 en pr
Digitalni celularni telekomunikacijski sustavi – Aspekti
sigurnosti (GSM 02.09 verzija 5.0.1)
(ETS 300 920 ed.1:1997)
Digital cellular telecommunications system – Security
aspects (GSM 02.09 version 5.0.1)
(ETS 300 920 ed.1:1997)
- HRN ETS 300 920 V2:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Aspekti sigurnosti (GSM 02.09 verzija 5.1.1)
(ETS 300 920 ed.2:1997)
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(GSM) – Security aspects (GSM 02.09 version 5.1.1)
(ETS 300 920 ed.2:1997)
- HRN ETS 300 920 V3:2013 en pr
Digitalni celularni telekomunikacijski sustavi (Faza 2+)
(GSM) – Aspekti sigurnosti (GSM 02.09 verzija 5.2.1,
objavljeno 1996.) (ETS 300 920 ed.3:2000)

- Digital cellular telecommunications system (Phase 2+) (GSM) – Security aspects (GSM 02.09 version 5.2.1 Release 1996) (ETS 300 920 ed.3:2000)
- HRN ETS 300 921 V1:2013 en pr
Digital cellular telecommunications system – Service accessibility (GSM 02.11 version 5.0.1) (ETS 300 921 ed.1:1997)
- HRN ETS 300 922 V1:2013 en pr
Digital cellular telecommunications system – Subscriber Identity Module (SIM) – Functional characteristics (GSM 02.17 version 5.0.1) (ETS 300 922 ed.1:1997)
- HRN ETS 300 922 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Subscriber Identity Modules (SIM) – Functional characteristics (GSM 02.17 version 5.1.1 Release 1996) (ETS 300 922 ed.2:1999)
- HRN ETS 300 923 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav – Opis obavijesti o tarifiranju (CAI) (GSM 02.24. verzija 5.0.1) (ETS 300 923 ed.1:1997)
Digital cellular telecommunications system – Description of Charge Advice Information (CAI) (GSM 02.24 version 5.0.1) (ETS 300 923 ed.1:1997)
- HRN ETS 300 924 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav (Faza 2+) (GSM) – Poboļšana usluga višerazinskih prednosti poziva i oslobađanja kapaciteta (eMLPP) – Stupanj 1 (GSM 02.67 verzija 5.0.3) (ETS 300 924 ed.1:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) – Stage 1 (GSM 02.67 version 5.0.3) (ETS 300 924 ed.1:1997)
- HRN ETS 300 924 V2:2013 en pr
Digitalni celularni telekomunikacijski sustav (Faza 2+) (GSM) – Poboļšana usluga višerazinskih prednosti poziva i oslobađanja kapaciteta (eMLPP) – Stupanj 1 (GSM 02.67 verzija 5.0.5) (ETS 300 924 ed.2:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) – Stage 1 (GSM 02.67 version 5.0.5) (ETS 300 924 ed.2:1997)
- HRN ETS 300 924 V3:2013 en pr
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Digital cellular telecommunications system (Phase 2+) (GSM) – Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) – Stage 1 (GSM 02.67 version 5.1.1 Release 1996) (ETS 300 924 ed.3:1999)
- HRN ETS 300 925 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav (Faza 2+) (GSM) – Usluga grupnih govornih poziva (VGCS) – Stupanj 1 (GSM 02.68 verzija 5.1.1) (ETS 300 925 ed.1:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Group Call Service (VGCS) – Stage 1 (GSM 02.68 version 5.1.1) (ETS 300 925 ed.1:1997)
- HRN ETS 300 925 V2:2013 en pr
Digitalni celularni telekomunikacijski sustav (Faza 2+) (GSM) – Usluga grupnih govornih poziva (VGCS) – Stupanj 1 (GSM 02.68 verzija 5.1.3) (ETS 300 925 ed.2:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Group Call Service (VGCS) – Stage 1 (GSM 02.68 version 5.1.3) (ETS 300 925 ed.2:1997)
- HRN ETS 300 925 V3:2013 en pr
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- Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Group Call Service (VGCS) – Stage 1 (GSM 02.68 version 5.2.1 Release 1996) (ETS 300 925 ed.3:1998)
- HRN ETS 300 926 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav (Faza 2+) (GSM) – Usluga odašiljanja govora (VBS) – Stupanj 1 (GSM 02.69 verzija 5.1.1) (ETS 300 926 ed.1:1997)
Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Broadcast Service (VBS) – Stage 1 (GSM 02.69 version 5.1.1) (ETS 300 926 ed.1:1997)
- HRN ETS 300 926 V2:2013 en pr
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Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Broadcast Service (VBS) – Stage 1 (GSM 02.69 version 5.1.3) (ETS 300 926 ed.2:1997)
- HRN ETS 300 926 V3:2013 en pr
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Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Broadcast Service (VBS) – Stage 1 (GSM 02.69 version 5.2.1 Release 1996) (ETS 300 926 ed.3:1998)
- HRN ETS 300 927 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Numbering, addressing and identification (GSM 03.03 version 5.0.2) (ETS 300 927 ed.1:1997)
- HRN ETS 300 927 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Numbering, addressing and identification (GSM 03.03 version 5.1.1) (ETS 300 927 ed.2:1998)
- HRN ETS 300 927 V3:2013 en pr
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- HRN ETS 300 928 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav – Tehnička realizacija dodatnih usluga (GSM 03.11 verzija 5.0.1) (ETS 300 928 ed.1:1997)
Digital cellular telecommunications system – Technical realization of supplementary services (GSM 03.11 version 5.0.1) (ETS 300 928 ed.1:1997)
- HRN ETS 300 929 V1:2013 en pr
Digital cellular telecommunications system – Security related network functions (GSM 03.20 version 5.0.1) (ETS 300 929 ed.1:1997)
- HRN ETS 300 929 V2:2013 en pr
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- HRN ETS 300 929 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (GSM 03.20 version 5.2.0) (ETS 300 929 ed.3:1998)
- HRN ETS 300 930 V1:2013 en pr
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- HRN ETS 300 930 V2:2013 en pr
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- HRN ETS 300 930 V3:2013 en pr
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(GSM) – Functions related to Mobile Station (MS) in
idle mode and group receive mode (GSM 03.22 version
5.2.1) (ETS 300 930 ed.3:1997)
- HRN ETS 300 930 V4:2013 en pr
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(GSM) – Functions related to Mobile Station (MS) in
idle mode and group receive mode (GSM 03.22 version
5.3.1) (ETS 300 930 ed.4:1998)
- HRN ETS 300 931 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav – Tehnička
realizacija faksimila skupine 3 (GSM 03.45 verzija
5.0.1) (ETS 300 931 ed.1:1997)
Digital cellular telecommunications system – Technical
realization of facsimile group 3 transparent
(GSM 03.45 version 5.0.1) (ETS 300 931 ed.1:1997)
- HRN ETS 300 931 V2:2013 en pr
Digitalni celularni telekomunikacijski sustav (Faza 2+)
(GSM) – Tehnička realizacija faksimila skupine 3
(GSM 03.45 verzija 5.1.1) (ETS 300 931 ed.2:1997)
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(GSM) – Technical realization of facsimile group 3
transparent (GSM 03.45 version 5.1.1)
(ETS 300 931 ed.2:1997)
- HRN ETS 300 931 V3:2013 en pr
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(GSM) – Tehnička realizacija faksimila skupine 3
(GSM 03.45 verzija 5.2.1) (ETS 300 931 ed.3:1998)
Digital cellular telecommunications system (Phase 2+)
(GSM) – Technical realization of facsimile group 3
transparent (GSM 03.45 version 5.2.1)
(ETS 300 931 ed.3:1998)
- HRN ETS 300 932 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Enhanced Multi-Level Precedence and
Pre-emption service (eMLPP) – Stage 2 (GSM 03.67
version 5.1.1) (ETS 300 932 ed.1:1997)
- HRN ETS 300 933 V1:2013 en pr
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(GSM) – Voice Group Call Service (VGCS) – Stage 2
(GSM 03.68 version 5.1.2) (ETS 300 933 ed.1:1997)
- HRN ETS 300 933 V2:2013 en pr
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(GSM) – Voice Group Call Service (VGCS) – Stage 2
(GSM 03.68 version 5.2.1) (ETS 300 933 ed.2:1997)
- HRN ETS 300 933 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Voice Group Call Service (VGCS) – Stage 2
(GSM 03.68 version 5.3.1) (ETS 300 933 ed.3:1998)
- HRN ETS 300 933 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Voice Group Call Service (VGCS) – Stage 2
(GSM 03.68 version 5.4.1) (ETS 300 933 ed.4:1998)
- HRN ETS 300 933 V5:2013 en pr
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(GSM) – Voice Group Call Service (VGCS) – Stage 2
(GSM 03.68 version 5.5.1) (ETS 300 933 ed.5:1998)
- HRN ETS 300 934 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Voice Broadcast Service (VBS) – Stage 2
(GSM 03.69 version 5.1.2) (ETS 300 934 ed.1:1997)
- HRN ETS 300 934 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Voice Broadcast Service (VBS) – Stage 2
(GSM 03.69 version 5.2.1) (ETS 300 934 ed.2:1997)
- HRN ETS 300 934 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+)
(GSM) – Voice Broadcast Service (VBS) – Stage 2
(GSM 03.69 version 5.3.1) (ETS 300 934 ed.3:1998)
- HRN ETS 300 934 V4:2013 en pr
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(GSM) – Voice Broadcast Service (VBS) – Stage 2
(GSM 03.69 version 5.4.1) (ETS 300 934 ed.4:1998)
- HRN ETS 300 934 V5:2013 en pr
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(GSM) – Voice Broadcast Service (VBS) – Stage 2
(GSM 03.69 version 5.5.1) (ETS 300 934 ed.5:1998)
- HRN ETS 300 935 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav – Dodatne
usluge prikaza tarifiranja – Stupanj 2 (GSM 03.86
verzija 5.0.1) (ETS 300 935 ed.1:1997)
Digital cellular telecommunications system – Advice
of Charge (AoC) supplementary services – Stage 2
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- HRN ETS 300 936 V1:2013 en pr
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- HRN ETS 300 937 V1:2013 en pr
Digitalni celularni telekomunikacijski sustav – Sloj
podatkovne veze (DL) – Opći aspekti (GSM 04.05 verzija 5.0.1) (ETS 300 937 ed.1:1997)
Digital cellular telecommunications system – Data Link
(DL) layer – General aspects (GSM 04.05 version 5.0.1) (ETS 300 937 ed.1:1997)
- HRN ETS 300 938 V1:2013 en pr
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Station – Base Station System (MS - BSS) interface –
Data Link (DL) layer specification (GSM 04.06 version 5.0.1) (ETS 300 938 ed.1:1997)
- HRN ETS 300 938 V2:2013 en pr
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(GSM) – Mobile Station – Base Station System (MS
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- HRN ETS 300 974 V9:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.13.1 Release 1996) (ETS 300 974 ed.9:1999)
- HRN ETS 300 975 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services Digital Network (PSPDN/ISDN) for the support of packet switched data transmission services (GSM 09.06 version 5.0.2) (ETS 300 975 ed.1:1997)
- HRN ETS 300 976 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.2.2) (ETS 300 976 ed.1:1997)
- HRN ETS 300 976 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.3.1) (ETS 300 976 ed.2:1997)
- HRN ETS 300 976 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.4.1) (ETS 300 976 ed.3:1998)
- HRN ETS 300 976 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.5.1) (ETS 300 976 ed.4:1998)
- HRN ETS 300 976 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.6.1) (ETS 300 976 ed.5:1998)
- HRN ETS 300 976 V6:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.7.1) (ETS 300 976 ed.6:1998)
- HRN ETS 300 976 V7:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.8.1 Release 1996) (ETS 300 976 ed.7:1999)

- HRN ETS 300 976 V8:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.9.1 Release 1996) (ETS 300 976 ed.8:1999)
- HRN ETS 300 976 V9:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.10.1 Release 1996) (ETS 300 976 ed.9:2000)
- HRN ETS 300 977 V1:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.4.1) (ETS 300 977 ed.1:1997)
- HRN ETS 300 977 V2:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.5.1) (ETS 300 977 ed.2:1997)
- HRN ETS 300 977 V3:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.6.1) (ETS 300 977 ed.3:1998)
- HRN ETS 300 977 V4:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.9.1) (ETS 300 977 ed.4:1998)
- HRN ETS 300 977 V5:2013 en pr
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.10.1 Release 1996) (ETS 300 977 ed.5:1998)
- HRN ETS 300 979 V1:2013 en pr
Digital cellular telecommunications system – In-band control of remote transcoders and rate adaptors for half rate traffic channels (GSM 08.61 version 5.0.1) (ETS 300 979 ed.1:1997)
- HRN ETS 300 745-1 V1:2013 en pr
Integrated Services Digital Network (ISDN) – Message Waiting Indication (MWI) supplementary service – Digital Subscriber Signalling System No. one (DSS1) protocol – Part 1: Protocol specification (ETS 300 745-1 ed.1:1997)
- HRN ETS 300 745-2 V1:2013 en pr
Integrated Services Digital Network (ISDN) – Message Waiting Indication (MWI) supplementary service – Digital Subscriber Signalling System No. one (DSS1) protocol – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (ETS 300 745-2 ed.1:1997)
- HRN ETS 300 754-1 V1:2013 en pr
Integrated Services Digital Network (ISDN) – Signalling System No.7 – Transaction Capabilities (TC) – Application Service Element (ASE) for Message Waiting Indication (MWI) supplementary service – Part 1: Protocol specification (ETS 300 754-1 ed.1:1997)
- HRN ETS 300 758-1 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for end system configuration – Profile Test Specification (PTS) – Part 1: Summary (ETS 300 758-1 ed.1:1997)
- HRN ETS 300 758-2 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for end system configuration – Profile Test Specification (PTS) – Part 2: Profile Specific Test Specification (PSTS) for Portable radio Termination (PT) (ETS 300 758-2 ed.1:1997)
- HRN ETS 300 758-3 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for end system configuration – Profile Test Specification (PTS) – Part 3: Profile Specific Test Specification (PSTS) for Fixed radio Termination (FT) (ETS 300 758-3 ed.1:1997)
- HRN ETS 300 765-1 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Radio in the Local Loop (RLL) Access Profile (RAP) – Part 1: Basic telephony services (ETS 300 765-1 ed.1:1997)
- HRN ETS 300 765-2 V1:2013 en pr
Digital Enhanced Cordless Telecommunications (DECT) – Radio in the Local Loop (RLL) Access Profile (RAP) – Part 2: Advanced telephony services (ETS 300 765-2 ed.1:1998)
- HRN ETS 300 770-1 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Closed User Group (CUG) supplementary service – Part 1: Protocol specification [ITU-T Recommendation Q.2955.1 (1996), modified] (ETS 300 770-1 ed.1:1998)
- HRN ETS 300 770-2 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Closed User Group (CUG) supplementary service – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (ETS 300 770-2 ed.1:1998)
- HRN ETS 300 771-1 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 1: Protocol specification [ITU-T Recommendation Q.2971 (1995), modified] (ETS 300 771-1 ed.1:1997)
- HRN ETS 300 771-3 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user (ETS 300 771-3 ed.1:1998)
- HRN ETS 300 771-4 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user (ETS 300 771-4 ed.1:1998)
- HRN ETS 300 771-5 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network (ETS 300 771-5 ed.1:1998)

HRN ETS 300 771-6 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network (ETS 300 771-6 ed.1:1998)

HRN ETS 300 777-1 V1:2013 en pr
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 1: Coding of multimedia and hypermedia information for basic multimedia applications (MHEG-5) (ETS 300 777-1 ed.1:1997)

HRN ETS 300 777-2 V1:2013 en pr
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 2: Use of Digital Storage Media Command and Control (DSM-CC) for basic multimedia applications (ETS 300 777-2 ed.1:1998)

HRN ETS 300 777-3 V1:2013 en pr
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 3: Application Programmable Interface (API) for MHEG-5 (ETS 300 777-3 ed.1:1997)

HRN ETS 300 777-4 V1:2013 en pr
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 4: Videotex Enhanced Man Machine Interface (VEMMI) enhancements to support broadband multimedia information retrieval services (ETS 300 777-4 ed.1:1997)

HRN ETS 300 796-1 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Generic functional protocol – Core aspects – Part 1: Protocol specification [ITU-T Recommendation Q.2932.1 (1996), modified] (ETS 300 796-1 ed.1:1997)

HRN ETS 300 796-2 V1:2013 en pr
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Generic functional protocol – Core aspects – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (ETS 300 796-2 ed.1:1998)

HRN ETS 300 804-1 V1:2013 en pr
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Data Link Layer (DLL) – Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification (ETS 300 804-1 ed.1:1998)

HRN ETS 300 804-2 V1:2013 en pr
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Data Link Layer (DLL) – Part 2: Abstract Test Suite (ATS) specification (ETS 300 804-2 ed.1:1998)

HRN ETS 300 805-1 V1:2013 en pr
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Network Layer (NL) – Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification (ETS 300 805-1 ed.1:1998)

HRN ETS 300 805-2 V1:2013 en pr
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Network Layer (NL) – Part 2: Abstract Test Suite (ATS) specification (ETS 300 805-2 ed.1:1998)

HRN ETS 300 806-1 V1:2013 en pr
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Generic functional protocol for the support of supplementary services – Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification (ETS 300 806-1 ed.1:1998)

HRN ETS 300 806-2 V1:2013 en pr
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol for the support of supplementary services – Part 2: Abstract Test Suite (ATS) specification (ETS 300 806-2 ed.1:1998)

HRN ETS 300 836-1 V1:2013 en pr
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 1: Radio type approval and Radio Frequency (RF) conformance test specification (ETS 300 836-1 ed.1:1998)

HRN ETS 300 836-2 V1:2013 en pr
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (ETS 300 836-2 ed.1:1998)

HRN ETS 300 836-3 V1:2013 en pr
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification (ETS 300 836-3 ed.1:1998)

HRN ETS 300 836-4 V1:2013 en pr
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 4: Abstract Test Suite (ATS) specification (ETS 300 836-4 ed.1:1998)

HZN/TO Z1, *Informacijska tehnologija*

HRN ISO/IEC 10118-3:2008/lSpr.1:2013 en pr
Informacijska tehnologija – Sigurnosne tehnike – Hash-funkcije – 3. dio: Namjenske hash-funkcije (ISO/IEC 10118-3:2004/Corr.1:2011)
Information technology – Security techniques – Hash-functions – Part 3: Dedicated hash-functions (ISO/IEC 10118-3:2004/Corr.1:2011)

HZN/TO Z2, *Ocjenjivanje sukladnosti i akreditacija*

HRN EN ISO/IEC 17065:2013 en pr
Conformity assessment – Requirements for bodies certifying products, processes and services (ISO/IEC 17065:2012; EN ISO/IEC 17065:2012)

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

HRN EN 14183:2013 hr pp
Ljestvaste stolice (EN 14183:2003)
Step stools (EN 14183:2003)

HZN/TU F1, *Osnovne norme 1*

HRN EN 15981:2013 en pr
European Learner Mobility – Achievement information (EuroLMAI) (EN 15981:2011)

HRN EN ISO/IEC 19788-1:2013 en pr
Information technology – Learning, education and training – Metadata for learning resources – Part 1: Framework (ISO/IEC 19788-1:2011; EN ISO/IEC 19788-1:2012)

HRN EN ISO/IEC 19788-2:2013 en pr
Information technology – Learning, education and training – Metadata for learning resources – Part 2: Dublin Core elements (ISO/IEC 19788-2:2011; EN ISO/IEC 19788-2:2012)

HZNTU I1, Strojarstvo 1

HRN EN 15895:2013 en pr
Nabojem pogonjeni ručni alati – Sigurnosni zahtjevi – Alati za pričvršćivanje i označivanje (EN 15895:2011)
Cartridge operated hand-held tools – Safety requirements – Fixing and hard marking tools (EN 15895:2011)

HRN EN 16252:2013 en pr
Strojevi za zbijanje otpada ili recikliranih frakcija – Vodoravni tijesci za baliranje – Sigurnosni zahtjevi (EN 16252:2012)
Machines for compacting waste materials or recyclable fractions – Horizontal baling presses – Safety requirements (EN 16252:2012)

HZNTU I2, Strojarstvo 2

HRN EN ISO 1120:2013 en pr
Conveyor belts – Determination of strength of mechanical fastenings – Static test method (ISO 1120:2012; EN ISO 1120:2012)

HRN EN 1554:2013 en pr
Conveyor belts – Drum friction testing (EN 1554:2012)

HZNTU T1, Prijevoz, rukovanje materijalima i pakiranje 1

HRN EN ISO 10133:2013 en pr
Mala plovila – Električni sustavi – Istosmjerne instalacije vrlo niskog napona (ISO 10133:2012; EN ISO 10133:2012)
Small craft – Electrical systems – Extra-low-voltage d.c. installations (ISO 10133:2012; EN ISO 10133:2012)

HRN EN ISO 13297:2013 en pr
Mala plovila – Električni sustavi – Instalacije izmjenične struje (ISO 13297:2012; EN ISO 13297:2012)
Small craft – Electrical systems – Alternating current installations (ISO 13297:2012; EN ISO 13297:2012)

HRN EN 15997:2012/Ispr.1:2013 en pr
All terrain vehicles (ATVs – Quads) – Safety requirements and test methods (EN 15997:2011/AC:2012)

HRN EN 16307-1:2013 en pr
Industrial trucks – Safety requirements and verification – Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (EN 16307-1:2013)

HRN EN ISO 21487:2013 en pr
Mala plovila – Trajno ugrađeni benzinski i dizelski spremnici goriva (ISO 21487:2012; EN ISO 21487:2012)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012; EN ISO 21487:2012)

HRN EN ISO 25197:2013 en pr
Small craft – Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012; EN ISO 25197:2012)

HZNTU U1, Opća elektrotehnika 1

HRN EN 60269-6:2013 en pr
Niskonaponski osigurači – 6. dio: Dodatni zahtjevi za rastalne uloške za zaštitu solarnih fotonaponskih energetskih sustava (IEC 60269-6:2010+Corr.1:2010; EN 60269-6:2011)

Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems (IEC 60269-6:2010+Corr.1:2010; EN 60269-6:2011)

HZNTU V1, Elektronika 1

HRN EN 50065-2-2:2008/Ispr.1:2013 en pr
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 2-2: Immunity requirements for mains communications equipment and systems operating in the range of frequencies 95 kHz to 148,5 kHz and intended for use in industrial environments (EN 50065-2-2:2003/A1:2005/AC:2006)

HRN EN 50090-2-2:2008/Ispr.1:2013 en pr
Elektronički sustavi u stanovima i zgradama (ESSZ) – Dio 2-2: Pregled sustava – Opći tehnički zahtjevi (EN 50090-2-2:1996/AC:1997)
Home and Building Electronic Systems (HBES) – Part 2-2: System overview – General technical requirements (EN 50090-2-2:1996/AC:1997)

HZNTU W1, Energetska elektrotehnika 1

HRN EN 60745-2-22:2012/A11:2013 en pr
Ručni elektromotorni alati – Sigurnost – Dio 2-22: Posebni zahtjevi za rezne alate (EN 60745-2-22:2011/A11:2013)
Hand-held motor-operated electric tools – Safety – Part 2-22: Particular requirements for cut-off machines (EN 60745-2-22:2011/A11:2013)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 163/03) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacрте hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacрте 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.

HZNTO 28, Naftni proizvodi i maziva

nHRN ISO 1998-5 hr,en,fr pp
Naftna industrija – Nazivlje – 5. dio: Prijevoz, skladištenje i distribucija (ISO 1998-5:1998+Cor.1:1999)
Petroleum industry – Terminology – Part 5: Transport, storage, distribution (ISO 1998-5:1998+Cor. 1:1999)

nHRN ISO 1998-7 hr,en,fr pp
Naftna industrija – Nazivlje – 7. dio: Razni nazivi (ISO 1998-7:1998)
Petroleum industry – Terminology – Part 7: Miscellaneous terms (ISO 1998-7:1998)

HZNTO 34/PO 17, Poljoprivredni i prehrambeni proizvodi; Sustavi upravljanja za sigurnost hrane

nHRS ISO/TS 22002-3 hr pp
Preduvjetni programi za sigurnost hrane – 3. dio: Poljoprivreda (ISO/TS 22002-3:2011)
Prerequisite programmes on food safety – Part 3: Farming (ISO/TS 22002-3:2011)

HZNTO 146, Kvaliteta zraka

nHRN EN 1540 hr,en,fr,de pp
Profesionalna izloženost – Nazivlje (EN 1540:2011)
Workplace exposure – Terminology (EN 1540:2011)

HZN/TO 548, *Konstruktivski eurokodovi*

- nHRN EN 1992-1-1 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1992-1-1:2004+AC:2010)
Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings (EN 1992-1-1:2004+AC:2010)
- nHRN EN 1992-1-1:2013/NA hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings – National Annex
- nHRN EN 1992-1-2 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara (EN 1992-1-2:2004+AC:2008)
Eurocode 2: Design of concrete structures – Part 1-2: General rules – Structural fire design (EN 1992-1-2:2004+AC:2008)
- nHRN EN 1992-1-2:2013/NA hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 1-2: General rules – Structural fire design – National Annex
- nHRN EN 1992-2 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – 2. dio: Betonski mostovi – Proračun i pravila razrade detalja (EN 1992-2:2005+AC:2008)
Eurocode 2: Design of concrete structures – Part 2: Concrete bridges – Design and detailing rules (EN 1992-2:2005+AC:2008)
- nHRN EN 1992-2:2013/NA hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – 2. dio: Betonski mostovi – Proračun i pravila razrade detalja – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 2: Concrete bridges – Design and detailing rules – National Annex
- nHRN EN 1992-3 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – 3. dio: Spremnici tekućina i sipkih tvari (EN 1992-3:2006)
Eurocode 2: Design of concrete structures – Part 3: Liquid retaining and containment structures (EN 1992-3:2006)
- nHRN EN 1992-3:2013/NA hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – 3. dio: Spremnici tekućina i sipkih tvari – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 3: Liquid retaining and containment structures – National Annex
- nHRN EN 1993-1-10:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva po debljini – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties – National Annex
- nHRN EN 1993-1-11:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-11: Proračun konstrukcija s vlačnim dijelovima – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components – National annex
- nHRN EN 1993-1-1:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-1: General rules and rules for buildings – National Annex
- nHRN EN 1993-1-12:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-12: Dodatna pravila za proširenje norme EN 1993 na čelike do kvalitete S700 – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S700 – National Annex
- nHRN EN 1993-1-2:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design – National Annex
- nHRN EN 1993-1-3:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-3: Opća pravila – Dodatna pravila za hladno oblikovane elemente i limove – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-3: General rules – Supplementary rules for cold-formed members and sheeting – National Annex
- nHRN EN 1993-1-4:2008/NA hr izv
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 1993-1-5:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-5: Pločasti konstrukcijski elementi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-5: Plated structural elements – National Annex
- nHRN EN 1993-1-6:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-6: Strength and Stability of Shell Structures – National Annex
- nHRN EN 1993-1-7:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-7: Pločaste konstrukcije izložene opterećenju izvan ravnine – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-7: Plated structures subject to out of plane loading – National Annex
- nHRN EN 1993-1-8:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-8: Proračun priključaka – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-8: Design of joints – National Annex
- nHRN EN 1993-1-9:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-9: Zamor – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-9: Fatigue – National Annex
- nHRN EN 1993-2:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – 2. dio: Čelični mostovi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 2: Steel bridges – National Annex
- nHRN EN 1993-3-1:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 3-1: Tornjevi, jarboli i dimnjaci – Tornjevi i jarboli – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 3-1: Towers, masts and chimneys – Towers and masts – National Annex

- nHRN EN 1993-3-2:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 3-2: Tornjevi, jarboli i dimnjaci – Dimnjaci –
Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 3-2:
Towers, masts and chimneys – Chimneys – National
Annex
- nHRN EN 1993-4-1:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 4-1: Silosi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-1:
Silos – National Annex
- nHRN EN 1993-4-2:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 4-2: Spremnici – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-2:
Tanks – National Annex
- nHRN EN 1993-4-3:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 4-3: Cjevovodi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-3:
Pipelines – National Annex
- nHRN EN 1993-5:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – 5. dio:
Piloti i žmurje – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 5: Piling
– National Annex
- nHRN EN 1993-6:2008/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – 6. dio:
Konstrukcije kranjskih staza – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 6: Crane
supporting structures – National Annex
- nHRN EN 1999-1-1:2008/NA hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija –
Dio 1-1: Opća pravila – Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-1:
General structural rules – National Annex
- nHRN EN 1999-1-2:2008/NA hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija –
Dio 1-2: Proračun konstrukcija na djelovanje požara
– Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-2:
Structural fire design – National Annex
- nHRN EN 1999-1-3:2008/NA hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija –
Dio 1-3: Konstrukcije osjetljive na zamor – Nacionalni
dodatak
Eurocode 9: Design of aluminium structures – Part 1-3:
Structures susceptible to fatigue – National Annex
- nHRN EN 1999-1-4:2008/NA hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija
– Dio 1-4: Hladno oblikovani konstrukcijski limovi –
Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-4:
Cold-formed structural sheeting – National Annex
- nHRN EN 1999-1-5:2008/NA hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija –
Dio 1-5: Ljuskaste konstrukcije – Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-5:
Shell structures – National Annex

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 163/03) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma.

Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

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

prEN 643 en

Paper and board – European list of standard grades of paper and board for recycling
Papir i karton – Europski popis standardnih vrsta papira i kartona za recikliranje

HZN/TO 28, *Naftni proizvodi i maziva*

prEN 1601 en

Liquid petroleum products – Unleaded petrol – Determination of organic oxygenate compounds and total organically bound oxygen content by gas chromatography (O-FID)

Tekući naftni proizvodi – Bezolovni motorni benzin – Određivanje količine organskih spojeva kisika i ukupnoga organski vezanoga kisika plinskom kromatografijom (O-FID)

prEN 12662 rev en

Liquid petroleum products – Determination of total contamination in middle distillates, diesel fuels and fatty acid methyl esters

Tekući naftni proizvodi – Određivanje onečišćenja u srednje destilatnim gorivima, dizelskim gorivima i metilnim esterima masnih kiselina

prEN 16476 en

Liquid Petroleum products – Determination of Sodium, Potassium, Calcium, Phosphorus, Copper and Zinc contents in diesel fuel – Method via Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)

Tekući naftni proizvodi – Određivanje sadržaja natrija, kalija, kalcija, fosfora, bakra i cinka u dizelskom gorivu – Metoda optičke emisijske spektralne analize s induktivno spregnutom plazmom (ICP OES)

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

ISO/TS 22002-2:2013 en

Prerequisite programmes on food safety – Part 2: Catering
Preduvjetni programi za sigurnost hrane – 2. dio: Katering

HZN/TO 43, *Akustika*

prEN ISO 16251-1 en

Acoustics – Laboratory measurement of the reduction of transmitted impact noise by floor coverings on a small floor mock-up – Part 1: Heavyweight compact floor (ISO/DIS 16251-1:2012)

Akustika – Laboratorijsko mjerenje smanjenja prenesenog udarnog zvuka izvedbom podne obloge na malom modelu međukatne konstrukcije – 1. dio: Masivna međukatna konstrukcija (ISO/DIS 16251-1:2012)

prEN 16487 en

Acoustics – Test code for suspended ceilings – Sound absorption
Akustika – Pravila za ispitivanje spuštenih stropova – Zvučna apsorpcija

HZN/TO 44, Zavarivanje i srodni postupci

- prEN ISO 669 en
Resistance welding – Resistance welding equipment – Mechanical and electrical requirements (ISO/DIS 669:2013)
Elektrootporno zavarivanje – Oprema za elektrootporno zavarivanje – Mehanički i električki zahtjevi (ISO/DIS 669:2013)
- prEN ISO 9455-5 rev en
Soft soldering fluxes – Test methods – Part 5: Copper mirror test (ISO/DIS 9455-5:2012)
Talila za meko lemljenje – Metode ispitivanja – 5. dio: Ispitivanje bakrenim zrcalom (ISO/DIS 9455-5:2012)
- prEN ISO 10447 en
Resistance welding – Peel and chisel testing of resistance spot and projection welds (ISO/DIS 10447:2013)
Elektrootporno zavarivanje – Ispitivanje elektrootporno zavarenih točkastih i bradavičastih zavara ljuštenjem i razdvajanjem klinom (ISO/DIS 10447:2013)
- prEN ISO 14114 rev en
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – General requirements (ISO/DIS 14114:2012)
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Opći zahtjevi (ISO/DIS 14114:2012)
- prEN ISO 14272 en
Specimen dimensions and procedure for cross tension testing resistance spot and embossed projection welds (ISO/DIS 14272:2013)
Dimenzije uzoraka i postupak poprečnoga vlačnog ispitivanja točkastih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO/DIS 14272:2013)
- prEN ISO 14273 en
Specimen dimensions and procedure for shear testing resistance spot, seam and embossed projection welds (ISO/DIS 14273:2013)
Dimenzije uzoraka i postupak smičnoga ispitivanja točkastih, šavnih i utisnutih bradavičastih elektrootporno zavarenih spojeva (ISO/DIS 14273:2013)
- prEN ISO 14323 en
Resistance spot welding and projection welds – Destructive testing of welds – Specimen dimensions and procedure for impact shear test and cross-tension testing (ISO/DIS 14323:2013)
Elektrootporno točkasto i bradavičasto zavarivanje – Razorno ispitivanje zavara – Dimenzije ispitnog uzorka i postupak za udarno posmično i križno-vlačno ispitivanje (ISO/DIS 14323:2013)
- prEN ISO 14373 en
Resistance welding – Procedure for spot welding of uncoated and coated low carbon steels (ISO/DIS 14373:2013)
Elektrootporno zavarivanje – Postupak za točkasto zavarivanje niskougličnih čelika s prevlakom i bez prevlake (ISO/DIS 14373:2013)
- prEN ISO 14919 rev en
Thermal spraying – Wires, rods and cords for flame and arc spraying – Classification; Technical supply conditions (ISO/DIS 14919:2012)
Toplinsko nastrcavanje – Žice, šipke i pletena žica za nastrcavanje pomoću plinskoga plamena i električnog luka – Razredba; tehnički uvjeti isporuke (ISO/DIS 14919:2012)
- prEN ISO 25980 en
Health and safety in welding and allied processes – Transparent welding curtains, strips and screens for arc welding processes (ISO/DIS 25980:2012)
Zaštita zdravlja i sigurnost na radu pri zavarivanju i srodnim postupcima – Prozirni zastori za zavarivanje, vrpce i zasloni za postupke elektrolučnoga zavarivanja (ISO/DIS 25980:2012)

HZN/TO 54, Eterična ulja

- ISO 1342:2012 en
Essential oil of rosemary (*Rosmarinus officinalis* L.)
Ulje ružmarina (*Rosmarinus officinalis* L.)
- ISO 3065:2011 en
Oil of eucalyptus Australian type, containing a volume fraction of 80% to 85% of 1,8-cineole
Ulje eukaliptusa, australski tip, koje sadrži 80 do 85 volumnih postotaka 1,8-cineola
- ISO 3140:2011 en
Oil of sweet orange [*Citrus sinensis* (L.) Osbeck], obtained by physical extraction of the peel
Ulje slatke naranče [*Citrus sinensis* (L.) Osbeck] dobiveno fizičkom ekstrakcijom kore
- ISO 3517:2012 en
Essential oil of neroli (*Citrus aurantium* L., syn. *Citrus amara* Link, syn. *Citrus bigaradia* Loisel, syn. *Citrus vulgaris* Risso)
Ulje nerolija (*Citrus aurantium* L., syn. *Citrus amara* Link, syn. *Citrus bigaradia* Loisel, syn. *Citrus vulgaris* Risso)
- ISO 3528:2012 en
Essential oil of mandarin, Italian type (*Citrus reticulata* Blanco)
Ulje mandarine, talijanski tip (*Citrus reticulata* Blanco)
- ISO 4719:2012 en
Essential oil of spike lavender (*Lavandula latifolia* Medikus), Spanish type
Ulje širokolisne lavande (*Lavandula latifolia* Medikus), španjolski tip
- ISO 4731:2012 en
Essential oil of geranium (*Pelargonium* x ssp.)
Ulje geranije (*Pelargonium* X ssp.)

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

- FprEN 12102 en
Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors for space heating and cooling – Measurement of airborne noise – Determination of the sound power level
Klimatizacijski uređaji, rashladnici kapljevina, dizalice topline i odvlaživači s kompresorima na električni pogon za grijanje i hlađenje prostora – Mjerenje buke koja se prenosi zrakom – Utvrđivanje razine zvučne snage
- FprEN 14511-1 en
Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 1: Terms and definitions
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline s kompresorima na električni pogon za grijanje i hlađenje prostora – 1. dio: Nazivi i definicije
- FprEN 14511-2 en
Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 2: Test conditions
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline s kompresorima na električni pogon za grijanje i hlađenje prostora – 2. dio: Uvjeti ispitivanja
- FprEN 14511-3 en
Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 3: Test methods
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline s kompresorima na električni pogon za grijanje i hlađenje prostora – 3. dio: Metode ispitivanja

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

FprEN 14825 rev en
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
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

FprEN 15218 en
Air conditioners and liquid chilling packages with evaporatively cooled condenser and with electrically driven compressors for space cooling – Terms, definitions, test conditions, test methods and requirements
Klimatizacijski uređaji i rashladnici kapljevina s kondenzatorom hlađenim ishlapljivanjem i kompresorima na električni pogon namijenjeni za hlađenje prostora – Nazivi, definicije, uvjeti ispitivanja, metode ispitivanja i zahtjevi

HZN/TO 116, Uređaji i oprema za izmjenu topline

prEN 16510-1 en
Residential solid fuel burning appliances – Part 1: General requirements and test methods
Uređaji na kruta goriva za kućanstvo – 1. dio: Opći zahtjevi i metode ispitivanja

prEN 16510-2-1 en
Residential solid fuel burning appliances – Part 2-1: Roomheaters
Uređaji na kruta goriva za kućanstvo – Dio 2-1: Grijalice prostora

prEN 16510-2-2 en
Residential solid fuel burning appliances – Part 2-2: Inset appliances including open fires
Uređaji na kruta goriva za kućanstvo – Dio 2-2: Kamini za ugradnju i otvoreni kamini

prEN 16510-2-3 en
Residential solid fuel burning appliances – Part 2-3: Cookers
Uređaji na kruta goriva za kućanstvo – Dio 2-3: Štednjaci

prEN 16510-2-4 en
Residential solid fuel burning appliances – Part 2-4: Independent boilers – Nominal heat output up to 50 kW
Uređaji na kruta goriva za kućanstvo – Dio 2-4: Samostojeći kotlovi – Nazivna toplinska snaga do 50 kW

HZN/TO 120, Koža i obuća

prEN 16483 en
Leather – Labelling of Leather Trims in Textile Products
Koža – Označavanje kožnatih umetaka na tekstilnim proizvodima

prEN 16484 en
Leather – Guidelines for the determination of the origin of leather
Koža – Smjernice za određivanje podrijetla kože

prEN ISO 17070 en
Leather – Chemical tests – Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentchlorophenol content (ISO/DIS 17070:2012)

Koža – Kemijska ispitivanja – Određivanje sadržaja tetraklorfenol-, triklorfenol-, diklorfenol-, monoklorfenol-izomera i pentaklorfenola (ISO/DIS 17070:2012)

prEN ISO 18218-1 en
Leather – Determination of ethoxylated alkylphenols – Part 1: Direct method (ISO/DIS 18218-1:2012)
Koža – Određivanje etoksiliranih alkilfenola – 1. dio: Izravna metoda (ISO/DIS 18218-1:2012)

prEN ISO 18218-2 en
Leather – Determination of ethoxylated alkylphenols – Part 2: Indirect method (ISO/DIS 18218-2:2012)
Koža – Određivanje etoksiliranih alkilfenola – 2. dio: Neizravna metoda (ISO/DIS 18218-2:2012)

HZN/TO 121, Anestetička i respiracijska oprema

prEN 13718-2 en
Medical vehicles and their equipment – Air ambulances – Part 2: Operational and technical requirements of air ambulances
Medicinska vozila i njihova oprema – Zračna ambulanta – 2. dio: Radni i tehnički zahtjevi za zračne ambulante

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

FprEN ISO 11296-7 en
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 7: Lining with spirally-wound pipes (ISO 11296-7:2011)
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 7. dio: Oblaganje spiralno namotanim cijevima (ISO 11296-7:2011)

FprEN ISO 11299-1 en
Plastics piping systems for renovation of underground gas supply networks – Part 1: General (ISO 11299-1:2011)
Plastični cijevni sustavi za obnavljanje podzemnih plinskih mreža – 1. dio: Općenito (ISO 11299-1:2011)

FprEN ISO 11299-3 en
Plastics piping systems for renovation of underground gas supply networks – Part 3: Lining with close-fit pipes (ISO 11299-3:2011)
Plastični cijevni sustavi za obnavljanje podzemnih plinskih mreža – 3. dio: Oblaganje s prijanjajućim cijevima (ISO 11299-3:2011)

HZN/TO 146, Kvaliteta zraka

prEN 13205-1 en
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 1: General requirements

prEN 13205-2 en
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 2: Laboratory performance test based on determination of sampling efficiency

prEN 13205-4 en
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 4: Laboratory performance test based on comparison of concentrations

prEN 13205-5 en
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 5: Aerosol sampler performance test and sampler comparison carried out at workplaces

prEN 13205-6 en
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 6: Transport and handling tests

prEN 14181 en
Stationary source emissions – Quality assurance of automated measuring systems

HZN/TO 147, Kvaliteta vode

FprEN ISO 10710 en
Water quality – Growth inhibition test with the marine and brackish water macroalga *Ceramium tenuicorne* (ISO 10710:2010)
Kvaliteta vode – Test inhibicije rasta s morskom i brakičnom makroalgom *Ceramium tenuicorne* (ISO 10710:2010)

HZN/TO 218, Drvo

prEN 16481 en
Timber stairs – Structural design – Calculation method
Drvene stube – Strukturni dizajn – Metoda izračuna

prEN 16485 en
Round and sawn timber – Environmental Product Declarations – Product category rules for wood and wood-based products for use in construction
Oblo i piljeno drvo – Deklaracija o okolišnoj prihvatljivosti – Pravila za razvrstavanje drva i drvnih proizvoda za građevinsku upotrebu

HZN/TO 508, Ambalaža i pakiranje

EN ISO 13127:2012+AC:2012 en
Packaging – Child resistant packaging – Mechanical test methods for reclosable child resistant packaging systems (ISO 13127:2012+Cor 1:2012)
Ambalaža – Ambalaža koja djeci onemogućuje otvaranje – Mehaničke ispitne metode za ambalažne sustave s višekratnim korištenjem koji djeci onemogućuje otvaranje (ISO 13127:2012+Cor 1:2012)

HZN/TO 524, Cestovni prijevoz i prometna telematika

EN 15876-2:2011 en
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to EN 15509 – Part 2: Abstract test suite
Elektronička naplata – Procjena opreme u vozilu i na prometnici za utvrđivanje sukladnosti s normom EN 15509 – 2. dio: Apstraktni ispitni paket

CEN/TR 16405:2013 en
Intelligent transport systems – ESafety – ECall additional optional data set for heavy goods vehicles eCall
Inteligentni transportni sustavi – Elektronička sigurnost – Dodatni izborni skup podataka za elektroničke hitne pozive iz teških teretnih vozila

CEN/TS 16406:2013 en
Intelligent transport systems – Public transport – Indirect Fulfilment for Rail
Inteligentni transportni sustavi – Javni prijevoz – Neizravna nadopлата za željeznički prijevoz

CEN/TR 16427:2013 en
Intelligent transport systems – Public transport – Traveller Information for Visually Impaired People (TI-VIP)
Inteligentni transportni sustavi – Javni prijevoz – Putne informacije za slabovidne osobe (TI-VIP)

CEN ISO/TS 17444-1:2012 en
Electronic fee collection – Charging performance – Part 1: Metrics (ISO/TS 17444-1:2012)
Elektronička naplata cestarine – Učinkovitost naplate – 1. dio: Metrika (ISO/TS 17444-1:2012)

HZN/TO 528, Oprema za željeznice

EN 15380-4:2013 en
Railway applications – Classification system for railway vehicles – Part 4: Function groups

HZN/TO 531, Plastika i guma

ISO 4593:1993 en
Plastics – Film and sheeting – Determination of thickness by mechanical scanning
Plastika – Film i ploče – Određivanje debljine mehaničkim skeniranjem

prEN ISO 5999 en
Flexible cellular polymeric materials – Polyurethane foam for load-bearing applications excluding carpet underlay – Specification (ISO/DIS 5999:2012)
Savitljivi pjenasti polimerni materijali – Poliuretanska pjena za nosive uporabe osim za podloge tepiha – Specifikacija (ISO/DIS 5999:2012)

prEN ISO 6808 rev en
Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids – Specification (ISO/DIS 6808:2012)
Plastična crijeva i crijevni uređaji za usisavanje i pražnjenje naftnih proizvoda pri niskome tlaku – Specifikacija (ISO/DIS 6808:2012)

ISO 7619-1:2010 en
Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 1: Durometer method (Shore hardness)
Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće utiskivanjem – 1. dio: Metoda pomoću durometra (Tvrdoća po Shore-u)

ISO 7619-2:2010 en
Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 2: IRHD pocket meter method
Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće utiskivanjem – 2. dio: IRHD metoda pomoću džepnog durometra

FprEN ISO 15527 en
Plastics – Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD) – Requirements and test methods (ISO 15527:2010)
Plastika – Tlačno oblikovane ploče od polietilena (PE-UHMW, PE-HD) – Zahtjevi i ispitne metode (ISO 15527:2010)

prEN 15534-1 en
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 1: Test methods for characterisation of compounds and products
Kompozitni materijali proizvedeni na osnovi celuloze i plastomera (uobičajeni naziv drvno-polimerni kompoziti (WPC) ili kompoziti na osnovi prirodnih vlakana (NFC)) – 1. dio: Ispitne metode za karakterizaciju smjesa i proizvoda

prEN 15534-4 rev en
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 4: Specifications for decking profiles and tiles
Kompozitni materijali proizvedeni na osnovi celuloze i plastomera (uobičajeni naziv drvno-polimerni kompoziti (WPC) ili kompoziti na osnovi prirodnih vlakana (NFC)) – 4. dio: Specifikacije krovnih profila i crijeva

- prEN 15534-5 en
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 5: Specifications for cladding profiles and tiles
Kompozitni materijali proizvedeni na osnovi celuloze i plastomera (uobičajeni naziv drvo- polimerni kompoziti (WPC) ili kompoziti na osnovi prirodnih vlakana (NFC)) – 5. dio: Specifikacije obložnih profila i crijepa
- prEN 16465 en
Plastics – Calibration method of black-standard and white-standard thermometers and black-panel and white-panel thermometers for use in natural and artificial weathering
Plastika – Metoda kalibracije normiranih crnih i bijelih termometara i termometara s crnom i bijelom pločom za uporabu pri prirodnome i umjetnome starenju
- prEN 16472 en
Plastics – Method for accelerated photoageing using medium pressure mercury vapour lamps
Plastika – Metoda za ubrzano svjetlosno starenje uporabom srednjotlačnih živinih lampi

HZN/TO 534, *Spremnici za teret*

- EN 13083:2008/FprA1 en
Tanks for transport of dangerous goods – Service equipment for tanks – Adaptor for bottom loading and unloading
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Spojka za punjenje i pražnjenje s dna

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

- EN 488:2011/prA1 en
District heating pipes – Preinsulated bonded pipe systems for directly buried hot water networks – Steel valve assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene
Cijevi za daljinsko grijanje – Sustavi predizoliranih cijevi za ukopane vrelovodne mreže – Sklop čeličnoga zapornog elementa za čelične cijevi s poliuretanskom toplinskom izolacijom i polietilenskom vanjskom ovojnicom
- prEN 13141-6 en
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 6: Exhaust ventilation system packages used in a single dwelling
Ventilacija u zgradama – Ispitivanje značajki dijelova/proizvoda za ventilaciju stambenih zgrada – 6. dio: Skupni uređaji za otsisnu ventilaciju u obiteljskim kućama
- prEN 13141-11 en
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 11: Positive pressure ventilation systems
Ventilacija u zgradama – Ispitivanje značajki dijelova/proizvoda za ventilaciju stambenih zgrada – 11. dio: Ventilacijski sustavi s pretlakom
- FprEN 14908-1 en
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 1: Protocol Stack
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 1. dio: Stog protokola
- FprEN 14908-2 en
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 2: Twisted Pair Communication

Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 2. dio: Komunikacija kroz simetričnu paricu

- FprEN 14908-3 en
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 3: Power Line Channel Specification
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 3. dio: Specifikacija komunikacije kroz energetska kanal
- FprEN 14908-4 en
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 4: IP Communication
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 4. dio: IP komunikacija

HZN/TO 550, *Opskrba vodom*

- FprEN 901 en
Chemicals used for treatment of water intended for human consumption – Sodium hypochlorite
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev hipoklorit
- FprEN 1018 en
Chemicals used for treatment of water intended for human consumption – Calcium carbonate
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kalcijev karbonat
- prEN 1487 en
Building valves – Hydraulic safety groups – Tests and requirements
Ventili u zgradama – Hidraulične sigurnosne skupine – Ispitivanja i zahtjevi
- FprEN 12174 en
Chemicals used for treatment of water intended for human consumption – Sodium hexafluorosilicate
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev heksafluorosilikat
- FprEN 12175 en
Chemicals used for treatment of water intended for human consumption – Hexafluorosilicic acid
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Heksafluorosilicijeva kiselina
- FprEN 12911 en
Products used for treatment of water intended for human consumption – Manganese greensand
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Manganov zeleni pijesak
- FprEN 15031 en
Chemicals used for treatment of swimming pool water – Aluminium based coagulants
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Koagulanti na osnovi aluminija
- FprEN 15072 en
Chemicals used for treatment of swimming pool water – Sodium dichloroisocyanurate, anhydrous
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Natrijev hidrogenkarbonat
- FprEN 15073 en
Chemicals used for treatment of swimming pool water – Sodium dichloroisocyanurate, dihydrate
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Natrijev diklorocijanurat dihidrat

- FprEN 15075 en
Chemicals used for treatment of swimming pool water – Sodium hydrogen carbonate
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Natrijev hidrogenkarbonat
- FprEN 15076 en
Chemicals used for treatment of swimming pool water – Sodium hydroxide
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Natrijev hidroksid
- FprEN 15077 en
Chemicals used for treatment of swimming pool water – Sodium hypochlorite
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Natrijev hipoklorit
- FprEN 15078 en
Chemicals used for treatment of swimming pool water – Sulfuric acid
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Sumporna kiselina

HZN/TO 555, Medicinski proizvodi

- prEN ISO 11140-1 en
Sterilization of health care products – Chemical indicators – Part 1: General requirements
(ISO/DIS 11140-1:2012)
Sterilizacija medicinskih proizvoda – Kemijski indikatori – 1. dio: Opći zahtjevi (ISO/DIS 11140-1:2012)
- prEN 16442 en
Controlled environment storage cabinet for disinfected thermolabile endoscopes
Kabinet za pohranu dezinficiranih termolabilnih endoskopa s kontroliranim okolišnim uvjetima

HZN/TO 556, Osobna zaštitna oprema

- prEN 16471 en
Firefighters helmets – Helmets for wildland fire fighting
Vatrogasne kacige – Kacige za gašenje požara otvorenog prostora
- prEN 16473 en
Firefighters helmets – Helmets for technical rescue
Vatrogasne kacige – Kacige za tehničko spašavanje
- prEN ISO 20346 rev en
Personal protective equipment – Protective footwear
(ISO/DIS 20346:2012)
Osobna zaštitna oprema – Zaštitna obuća
(ISO/DIS 20346:2012)

HZN/TO 557, Zaštitna odjeća

- prEN 16448-1 en
Protective Clothing – Body Armour – Part 1: General requirements
Zaštitna odjeća – Tjelesni oklop – 1. dio: Opći zahtjevi
- prEN 16448-2 en
Protective Clothing – Body Armour – Part 2: Bullet resistance, requirements and test methods
Zaštitna odjeća – Tjelesni oklop – 2. dio: Otpornost na metak, zahtjevi i ispitne metode
- prEN 16448-3 en
Protective Clothing – Body Armour – Part 3: Knife and Spike Resistance, Requirements and test methods
Zaštitna odjeća – Tjelesni oklop – 3. dio: Otpornost na nož i šiljak, zahtjevi i ispitne metode

HZN/TO 560, Tekstilni proizvodi

- FprEN ISO 105-E01 rev en
Textiles – Tests for colour fastness – Part E01: Colour fastness to water (ISO/FDIS 105-E01:2012)
Tekstil – Ispitivanje postojanosti obojenja – Dio E01: Postojanost obojenja na vodu
(ISO/FDIS 105-E01:2012)

- FprEN ISO 105-E04 rev en
Textiles – Tests for colour fastness – Part E04: Colour fastness to perspiration (ISO/FDIS 105-E04:2012)
Tekstil – Ispitivanje postojanosti obojenja – Dio E04: Postojanost obojenja na znoj
(ISO/FDIS 105-E04:2012)
- prEN ISO 2076 en
Textiles – Man-made fibres – Generic names
(ISO/DIS 2076:2012)
Tekstil – Umjetna vlakna – Generički nazivi
(ISO/DIS 2076:2012)

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

- prEN 764-4 rev en
Pressure equipment – Part 4: Establishment of technical delivery conditions for metallic materials
Tlačna oprema – 4. dio: Tehnički uvjeti isporuke metalnih materijala
- prEN 764-5 rev en
Pressure equipment – Part 5: Inspection documentation of metallic materials and compliance with the material specification
Tlačna oprema – 5. dio: Dokumentacija o pregledu metalnih materijala i usklađenost sa specifikacijom materijala
- prEN ISO 11623 rev en
Gas cylinders – Composite construction – Periodic inspection and testing (ISO/DIS 11623:2012)
Plinske boce – Kompozitna konstrukcija – Periodični pregled i ispitivanje (ISO/DIS 11623:2012)
- FprEN 12493 en
LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture
Oprema i pribor za UNP – Zavarene čelične tlačne posude za UNP spremnike za cestovna vozila – Projektiranje i proizvodnja
- EN 13445-5:2009/FprA4 en
Unfired pressure vessels – Part 5: Inspection and testing
Neložene tlačne posude – 5. dio: Pregled i ispitivanje
- EN 13480-4:2012/FprA1 en
Metallic industrial piping – Part 4: Fabrication and installation
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja
- EN 13480-5:2012/FprA1 en
Metallic industrial piping – Part 5: Inspection and testing
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje
- EN 13480-8:2012/prA1 en
Metallic industrial piping – Part 8: Additional requirements for aluminium and aluminium alloy piping
Metalni industrijski cjevovodi – 8. dio: Dodatni zahtjevi za cjevovode od aluminija i aluminijevih legura
- prEN 13953 rev en
LPG equipment and accessories – Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)
Oprema i pribor za UNP – Sigurnosni ventili prenosivih, ponovno punjivih boca za ukapljeni naftni plin (UNP)
- prEN 14071 rev en
LPG equipment and accessories – Pressure relief valves for LPG pressure vessels – Ancillary equipment
Oprema i pribor za UNP – Sigurnosni ventili za tlačne posude za UNP – Pomoćna oprema
- prEN 14140 rev en
LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Alternative design and construction

- Oprema i pribor za UNP – Prenosive, ponovno punjive, zavarene, čelične boce za UNP – Alternativno projektiranje i izrada
- prEN 14570 rev en
LPG equipment and accessories – Equipping of overground and underground LPG vessels
Oprema i pribor za UNP – Opremanje nadzemnih i podzemnih spremnika za UNP
- FprEN 14894 en
LPG equipment and accessories – Cylinder and drum marking
Oprema i pribor za UNP – Označivanje boca i spremnika
- prEN 16509 en
Transportable gas cylinders – Non-refillable, small transportable, steel cylinders of capacities up to and including 120 ml containing compressed or liquefied gases (compact cylinders) – Design, construction, filling and testing
Prenosive plinske boce – Jednokratno punjive, male prenosive, čelične boce, kapaciteta do i uključivo 120 ml koje sadrže komprimirane ili ukapljene plinove (kompaktne boce) – Projektiranje izvedba, punjenje i ispitivanje

HZN/TO 568, Analize hrane – Horizontalne metode

- CEN ISO/TS 6579-2:2012 en
Microbiology of food and animal feed – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 2: Enumeration by a miniaturized most probable number technique (ISO/TS 6579-2:2012)
- CEN ISO/TS 13136:2012 en
Microbiology of food and animal feed – Real-time polymerase chain reaction (PCR)-based method for the detection of food-borne pathogens – Horizontal method for the detection of Shiga toxin-producing Escherichia coli (STEC) and the determination of O157, O111, O26, O103 and O145 serogroups (ISO/TS 13136:2012)
- CEN/TS 15633-3:2012 en
Foodstuffs – Detection of food allergens by immunological methods – Part 3: Quantitative determination of hazelnut with an enzyme immunoassay using polyclonal antibodies and Lowry protein detection
- CEN/TR 16338:2012 en
Foodstuffs – Detection of food allergens – Template for supplying information about immunological methods and molecular biological methods

HZN/TO E9, Električna oprema za željeznicu

- EN 50119:2009/FprAA:2012 en
Railway applications – Fixed installations – Electric traction overhead contact lines
Željezničke primjene – Stabilna postrojenja – Nadzemni kontaktni vodovi u električnoj vuči
- prEN 50125-1:2012 en
Railway applications – Environmental conditions for equipment – Part 1: Equipment on board rolling stock
Željezničke primjene – Uvjeti okoliša za opremu – 1. dio: Oprema u željezničkim vozilima
- EN 50128:2011 en
Railway applications – Communication, signalling and processing systems – Software for railway control and protection systems
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – Softver za željezničke upravljačke i kontrolne sustave
- EN 50149:2012 en
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires

Željezničke primjene – Stabilna postrojenja – Električna vuča – Uzljebljeni kontakti vodiči od bakra i legura bakra

- prEN 50153:2012 en
Railway applications – Rolling stock – Protective provisions relating to electrical hazards
Željezničke primjene – Željeznička vozila – Odredbe o zaštiti od opasnosti od električnog udara
- prEN 50343:2012 en
Railway applications – Rolling stock – Rules for installation of cabling
Željezničke primjene – Željeznička vozila – Pravila instaliranja ožičenja
- EN 50367:2012 en
Railway applications – Current collection systems – Technical criteria for the interaction between pantograph and overhead line (to achieve free access)
Željezničke primjene – Sustavi oduzimača struje – Tehnički uvjeti za međusobno djelovanje pantografa i kontaktnog voda (omogućavanje slobodnog pristupa)
- EN 50467:2011 en
Railway applications – Rolling stock – Electrical connectors, requirements and test methods
Željezničke primjene – Željeznička vozila – Električni konektori, zahtjevi i načini ispitivanja
- EN 50526-1:2012 en
Railway applications – Fixed installations – D.C. surge arresters and voltage limiting devices – Part 1: Surge arresters
Željezničke primjene – Stabilna postrojenja – Istosmjerni odvodnici prenapona i uređaji za ograničavanje napona – 1. dio: Odvodnici prenapona
- EN 50533:2011 en
Railway applications – Three-phase train line voltage characteristics
Željezničke primjene – Naponske karakteristike trofaznog željezničkog voda
- CLC/FprTS 50546:2012 en
Railway applications – Rolling stock – 3-phase shore (external) supply system for rail vehicles
Željezničke primjene – Željeznička vozila – Trofazni vanjski sustav napajanja za željeznička vozila
- EN 61375-1:2012 en
Electronic railway equipment – Train communication network (TCN) – Part 1: General architecture (IEC 61375-1:2012)
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – 1. dio: Arhitektura općenito (IEC 61375-1:2012)
- EN 61375-2-1:2012 en
Electronic railway equipment – Train communication network (TCN) – Part 2-1: Wire Train Bus (WTB) (IEC 61375-2-1:2012)
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 2-1: Žičana sabirnica vlaka (WTB) (IEC 61375-2-1:2012)
- EN 61375-2-2:2012 en
Electronic railway equipment – Train communication network (TCN) – Part 2-2: Wire Train Bus conformance testing (IEC 61375-2-2:2012)
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 2-2: Ispitivanje sukladnosti žičane sabirnice vlaka (WTB-a) (IEC 61375-2-2:2012)
- EN 61375-3-1:2012 en
Electronic railway equipment – Train communication network (TCN) – Part 3-1: Multifunction Vehicle Bus (MVB) (IEC 61375-3-1:2012)
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 3-1: Višefunkcijska sabirnica vozila (MVB) (IEC 61375-3-1:2012)

- EN 61375-3-2:2012 en
Electronic railway equipment – Train communication network (TCN) – Part 3-2: MVB (Multifunction Vehicle Bus) conformance testing (IEC 61375-3-2:2012)
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 3-2: Ispitivanje sukladnosti MVB-a (Višefunkcijske sabirnice vozila) (IEC 61375-3-2:2012)
- EN 61375-3-3:2012 en
Electronic railway equipment – Train communication network (TCN) – Part 3-3: CANopen Consist Network (CCN) (IEC 61375-3-3:2012)
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 3-3: Mreža bazirana na CANopen-u (CCN) (IEC 61375-3-3:2012)
- EN 61881-2:2012 en
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 2: Aluminium electrolytic capacitors with non solid electrolyte (IEC 61881-2:2012)
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetske elektrone – 2. dio: Aluminijski elektrolitski kondenzatori s tekućim elektrolitom (IEC 61881-2:2012)
- EN 61881-3:2012 en
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012)
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetske elektrone – 3. dio: Kondenzatori s dvostrukim električnim slojem (IEC 61881-3:2012)
- EN 61881-3:2012/FprA1:2012 en
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012/am1:2012)
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetske elektrone – 3. dio: Kondenzatori s dvostrukim električnim slojem (IEC 61881-3:2012/am1:2012)
- EN 62290-2:2011 en
Railway applications – Urban guided transport management and command/control systems – Part 2: Functional requirements specification (IEC 62290-2:2011)
Željezničke primjene – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 2. dio: Specifikacija zahtjeva za funkcionalnost (IEC 62290-2:2011)
- EN 62520:2011 en
Railway applications – Electric traction – Short-primary type linear induction motors (LIM) fed by power converters (IEC 62520:2011)
Željezničke primjene – Električna vuča – Linearni indukcijski motori s primarom na vozilu koji se napajaju iz pretvarača snage (IEC 62520:2011)
- FprEN 62625-1:2012 en
Electronic railway equipment – On board driving data recording system – Part 1: System specification (IEC 62625-1:2012)
Elektronička oprema za željeznice – Sustav snimanja podataka o vožnji na vozilu – 1. dio: Specifikacija sustava (IEC 62625-1:2012)

HZNTO E10, Fluidi za primjenu u elektrotehnici

- FprEN 62701:2012 en
Fluids for electrotechnical applications – Recycled mineral insulating oils for transformers and switchgears (IEC 62701:2012)

HZNTO E11, Nadzemni vodovi

- EN 50341-1:2012 en
Overhead electrical lines exceeding AC 1 kV – Part 1: General requirements – Common specifications
Nadzemni električni vodovi izmjenične struje iznad 1 kV – 1. dio: Opći zahtjevi – Uobičajene specifikacije

HZNTO E14, Energetski transformatori

- FprEN 60076-3:2012 en
Power transformers – Part 3: Insulation levels, dielectric tests and external clearances in air (IEC 60076-3:2012)
Energetski transformatori – 3. dio: Izolacijske razine, dielektrična ispitivanja i vanjski razmaci u zraku (IEC 60076-3:2012)
- FprEN 60076-14:2012 en
Power transformers – Part 14: Liquid-immersed power transformers using high-temperature insulation materials (IEC 60076-14:2012)

HZNTO E15, Čvrsti elektrotehnički izolacijski materijali

- FprEN 60684-3-214:2012 en
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall (IEC 60684-3-214:2012)
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 214. list: Toplinski skupljajuće poliolefinske navlake, bez usporenog gorenja, debele i srednje debele stjenke (IEC 60684-3-214:2012)
- FprEN 62677-1:2012 en
Heat shrinkable low and medium voltage moulded shapes – Part 1: General requirements (IEC 62677-1:2012)

HZNTO E17, Sklopni i upravljački uređaji

- FprEN 60947-5-3:2012 en
Low-voltage switchgear and controlgear – Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behaviour under fault conditions (PDDDB) (IEC 60947-5-3:2012)
Niskonaponska sklopna aparatura – Dio 5-3: Aparati za upravljačke strujne krugove i sklopni elementi – Zahtjevi za blizinske aparate s određenim ponašanjem u uvjetima kvara (IEC 60947-5-3:2012)
- FprEN 60947-7-4:2012 en
Low-voltage switchgear and controlgear – Part 7-4: Ancillary equipment – PCB terminal blocks for copper conductors (IEC 60947-7-4:2012)
- FprEN 62271-4:2012 en
High-voltage switchgear and controlgear – Part 4: Handling procedures for sulphur hexafluoride (SF6) (IEC 62271-4:2012)
- FprEN 62271-112:2012 en
High-voltage switchgear and controlgear – Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines (IEC 62271-112:2012)
- FprEN 62271-201:2012 en
High-voltage switchgear and controlgear – Part 201: AC solid-insulated enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-201:2012)
- FprEN 62271-202:2012 en
High-voltage switchgear and controlgear – Part 202: High voltage/low voltage prefabricated substation (IEC 62271-202:2012)

Visokonaponska sklopna aparatura – 202. dio:
Visokonaponske/niskonaponske tvornički dogotovljene
transformatorske stanice (IEC 62271-202:201X)

HZN/TO E20, Električni kabe

prEN 50393:2012 en
Test methods and requirements for accessories for use
on distribution cables of rated voltage 0,6/1,0 (1,2) kV
Ispitne metode i zahtjevi za pribor za distribucijske
kabele nazivnog napona 0,6/1,0 (1,2) kV

HZN/TO E22, Energetska elektronika

IEC 60050-551-20:2001 en
International Electrotechnical Vocabulary – Part 551-20:
Power electronics – Harmonic analysis
Međunarodni elektrotehnički rječnik – Poglavlje 551-20:
Energetska elektronika – Harmonijska analiza

IEC 60119:1960 en
Recommendations for polycrystalline semiconductor
rectifier stacks and equipment
Preporuke za polikristalinične poluvodičke ispravljačke
slogove i opremu

IEC/TR 60146-1-2:2011 en
Semiconductor converters – General requirements
and line commutated converters – Part 1-2: Application
guide
Poluvodički pretvarači – Opći zahtjevi i mrežom
komutirani pretvarači – Dio 1-2: Uputa za primjenu

IEC/TS 60146-6:1992 en
Semiconductor converters – Part 6: Application guide
for the protection of semiconductor converters against
overcurrent by fuses
Poluvodički pretvarači – 6. dio: Uputa za primjenu
zaštite poluvodičkih pretvarača od prevelike struje s
osiguračima

IEC/TR 60919-1:2010 en
Performance of high-voltage direct current (HVDC)
systems with line-commutated converters – Part 1:
Steady-state conditions
Svojstva energetske sustava istosmjerne struje
visokog napona (HVDC) s mrežom komutiranim
pretvaračima – 1. dio: Stacionarna stanja

IEC/TR 60919-3:2009 en
Performance of high-voltage direct current (HVDC)
systems with line-commutated converters – Part 3:
Dynamic conditions
Svojstva energetske sustava istosmjerne struje
visokog napona (HVDC) s mrežom komutiranim
pretvaračima – 3. dio: Dinamička stanja

IEC 61204-3:2011 en
Low-voltage power supply devices, d.c. output –
Part 3: Electromagnetic compatibility (EMC)
Niskonaponski napajajući s istosmjernim izlazom –
3. dio: Elektromagnetska kompatibilnost (EMC)

IEC/TS 61800-8:2010 en
Adjustable speed electrical power drive systems –
Part 8: Specification of voltage on the power interface
Elektromotorni sustavi prilagodljive brzine – 8. dio:
Specifikacija napona na energetsom sučelju

IEC/TS 61973:2012 en
High-voltage direct current (HVDC) substation audible
noise
Čujna buka podstanice istosmjerne struje visokog
napona (HVDC)

IEC/TR 62001:2009 en
High-voltage direct current (HVDC) systems –
Guidebook to the specification and design evaluation
of A.C. filters
Energetski sustavi istosmjerne struje visokog napona
(HVDC) – Vodič za specifikaciju i procjenu projekta
izmjeničnih filtara

FprEN 62040-4:2013 en
Uninterruptible power systems (UPS) – Part 4:
Environmental aspects – requirements and reporting
(IEC 62040-4:201X)
Energetski sustavi neprekidnog napajanja (UPS) –
4. dio: Utjecaj na okoliš – zahtjevi i izvješćivanje
(IEC 62040-4:201X)

IEC 62103:2003 en
Electronic equipment for use in power installations
Elektronička oprema za uporabu u energetske
instalacijama

IEC/TR 62543:2011 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

IEC/TR 62544:2011 en
High-voltage direct current (HVDC) systems –
Application of active filters
Energetski sustavi istosmjerne struje visokog napona
(HVDC) – Primjena aktivnih filtara

IEC/TS 62578:2009 en
Power electronics systems and equipment – Operation
conditions and characteristics of active infeed
converter applications
Sustavi i oprema energetske elektronike – Radni uvjeti i
značajke primjena aktivnih pretvaračkih izvora energije
(ili izvora energije s pretvaračima)

HZN/TO E23, Električni instalacijski pribor

EN 62196-1:2012/AA:201X en
Plugs, socket-outlets, vehicle connectors and vehicle
inlets – Conductive charging of electric vehicles –
Part 1: General requirements
Utikači, utičnice, spojevi i spojnice na vozilima –
Vodljivo punjenje električnih vozila – 1. dio: Opći
zahtjevi

EN 62196-2:2012/AA:201X en
Plugs, socket-outlets, vehicle connectors and vehicle
inlets – Conductive charging of electric vehicles –
Part 2: Dimensional compatibility and interchangeability
requirements for a.c. pin and contact-tube accessories
Utikači, utičnice, spojevi i spojnice na vozilima –
Vodljivo punjenje električnih vozila – 2. dio: Zahtjevi
za usklađenost dimenzija i zamjenjivost za pribor sa
šiljcima i kontaktnim cjevčicama za izmjeničnu struju

HZN/TO E31, Eksplozivne atmosfere

FprEN 60079-31:2012 en
Explosive atmospheres – Part 31: Equipment dust
ignition protection by enclosure “t”
(IEC 60079-31:201X)
Eksplozivne atmosfere – 31. dio: Vrsta zaštite opreme
za prašine – Zaštita kućištem “t” (IEC 60079-31:201X)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

FprEN 60598-1:2012 en
Luminaires – Part 1: General requirements and tests
(IEC 60598-1:201X)
Svjetiljke – 1. dio: Opći zahtjevi i ispitivanja
(IEC 60598-1:201X)

FprEN 60598-2-22:2012 en
Luminaires – Part 2-22: Particular requirements –
Luminaires for emergency lighting
(IEC 60598-2-22:201X)
Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za
rasvjetu u slučaju opasnosti (IEC 60598-2-22:201X)

- FprEN 60598-2-8:2012 en
Luminaires – Part 2-8: Particular requirements – Handlamps (IEC 60598-2-8:201X)
Svjetiljke – Dio 2-8: Posebni zahtjevi – Ručne svjetiljke (IEC 60598-2-8:201X)
- EN 61231:2010/FprA1:2012 en
International lamp coding system (ILCOS) (IEC 61231:2010/am1:201X)
Međunarodni sustav označavanja žarulja (ILCOS) (IEC 61231:2010/am1:201X)
- FprEN 61347-2-13:2012 en
Lamp controlgear – Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules (IEC 61347-2-13:201X)
Predspojne naprave – Dio 2-13: Posebni zahtjevi za elektroničke prigušnice koje se napajaju istosmjernom ili izmjeničnom strujom namijenjene modulima svjetlećih dioda (IEC 61347-2-13:201X)
- FprEN 62442-2:2012 en
Energy performance of lamp controlgear – Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) – Method of measurement to determine the efficiency of controlgear (IEC 62442-2:201X)
Energetske značajke predspojnih naprava – 2. dio: Predspojne naprave za visokoučinkovite žarulje s izbojem (osim fluoescenčnih žarulja) – Mjerna metoda za određivanje učinkovitosti predspojne naprave (IEC 62442-2:201X)
- FprEN 62442-3:2012 en
Energy performance of lamp controlgear – Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear (IEC 62442-3:201X)
Energetske značajke predspojnih naprava – 3. dio: Predspojne naprave za halogene žarulje i module svjetlećih dioda – Mjerna metoda za određivanje učinkovitosti predspojne naprave (IEC 62442-3:201X)

HZN/TO E36, Izolatori

- FprEN 60507:2012 en
Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems (IEC 60507:201X)

HZN/TO E38, Mjerni transformatori

- FprEN 61869-4:2012 en
Instrument transformers – Part 4: Combined transformers (IEC 61869-4:201X)
Mjerni transformatori – 4. dio: Kombinirani transformatori (IEC 61869-4:201X)

HZN/TO E55, Žice za namote

- FprEN 60317-0-1:2012 en
Specifications for particular types of winding wires – Part 0-1: General requirements – Enamelled round copper wire (IEC 60317-0-1:201X)
Specifikacije pojedinih vrsta žica za namote – Dio 0-1: Opći zahtjevi – Okrugla bakrena lakirana žica (IEC 60317-0-1:201X)
- FprEN 60317-0-2:2012 en
Specifications for particular types of winding wires – Part 0-2: General requirements – Enamelled rectangular copper wire (IEC 60317-0-2:201X)
Specifikacije pojedinih vrsta žica za namote – Dio 0-2: Opći zahtjevi – Profilna bakrena lakirana žica (IEC 60317-0-2:201X)
- EN 60317-0-3:2008/FprA1:2012 en
Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire (IEC 60317-0-3:2008/am1:201X)

Specifikacije pojedinih vrsta žica za namote – Dio 0-3: Opći zahtjevi – Okrugla aluminijska lakirana žica (IEC 60317-0-3:2008/am1:201X)

- FprEN 60317-27:2012 en
Specifications for particular types of winding wires – Part 27: Paper tape covered rectangular copper wire (IEC 60317-27:201X)
Specifikacije pojedinih vrsta žica za namote – 27. dio: Profilna bakrena žica prekrivena papirnom trakom (IEC 60317-27:201X)
- FprEN 60317-28:2012 en
Specifications for particular types of winding wires – Part 28: Polyesterimide enamelled rectangular copper wire, class 180 (IEC 60317-28:201X)
Specifikacije pojedinih vrsta žica za namote – 28. dio: Poliesterimidom lakirana profilna bakrena žica, razreda 180 (IEC 60317-28:201X)
- FprEN 60317-46:2012 en
Specifications for particular types of winding wires – Part 46: Aromatic polyimide enamelled round copper wire, class 240 (IEC 60317-46:201X)
Specifikacije pojedinih vrsta žica za namote – 46. dio: Aromatskim poliimidom lakirana okrugla bakrena žica, razreda 240 (IEC 60317-46:201X)
- FprEN 60317-47:2012 en
Specifications for particular types of winding wires – Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240 (IEC 60317-47:201X)
Specifikacije pojedinih vrsta žica za namote – 47. dio: Aromatskim poliimidom lakirana profilna bakrena žica, razreda 240 (IEC 60317-47:201X)
- FprEN 60317-55:2012 en
Specifications for particular types of winding wires – Part 55: Solderable polyurethane enamelled round copper wire overcoated with polyamide, Class 180 (IEC 60317-55:201X)
Specifikacije pojedinih vrsta žica za namote – 55. dio: Poliuretanom lakirana okrugla bakrena lemljiva žica prekrivena poliamidom razreda 180 (IEC 60317-55:201X)
- EN 60851-3:2009 en
Winding wires – Test methods – Part 3: Mechanical properties (IEC 60851-3:2009)
Žice za namote – Ispitne metode – 3. dio: Mehanička svojstva (IEC 60851-3:2009)
- EN 60851-3:2009/FprA1:2012 en
Winding wires – Test methods – Part 3: Mechanical properties (IEC 60851-3:2009/am1:201X)
Žice za namote – Ispitne metode – 3. dio: Mehanička svojstva (IEC 60851-3:2009/am1:201X)

HZN/TO E56, Pouzdanost

- FprEN 62673:2012 en
Methodology for communication network dependability assessment and assurance (IEC 62673:201X)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

- FprEN 61850-3:2012 en
Communication networks and systems for power utility automation – Part 3: General requirements (IEC 61850-3:201X)
- FprEN 61968-9:2012 en
Application integration at electric utilities – System interfaces for distribution management – Part 9: Interfaces for meter reading and control (IEC 61968-9:201X)
Integracija aplikacija u elektroprivredi – Sučelja za sustave upravljanja u distribuciji – 9. dio: Sučelja za očitavanje i upravljanje brojljima (IEC 61968-9:201X)

- FprEN 61968-100:2012 en
Application integration at electric utilities – System interfaces for distribution management – Part 100: Implementation profiles (IEC 61968-100:201X)
- FprEN 61970-552:2012 en
Energy Management System Application Program Interface (EMS-API) – Part 552: CIM XML Model Exchange Format (IEC 61970-552:201X)
- FprEN 62325-301:2012 en
Framework for energy market communications – Part 301: Common Information Model (CIM) extensions for markets (IEC 62325-301:201X)
- FprEN 62325-351:2012 en
Framework for energy market communications – Part 351: CIM European market model exchange profile (IEC 62325-351:201X)

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

- EN 50242:2008/A11:2012 en
Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2004/am1:2009, MOD+ IEC 60436:2004/am2:2012, MOD)
Električne perilice posuđa za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (IEC 60436:2004/am1:2009, MOD+ IEC 60436:2004/am2:2012, MOD)
- EN 60704-1:2010/A11:2012 en
Household and similar electrical appliances – Test code for the determination of airborne noise – Part 1: General requirements
Kućanski i slični električni aparati – Ispitna pravila za određivanje uzdušne buke – 1. dio: Opći zahtjevi

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

- EN 60335-2-11:2010/A11:2012 en
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers
Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za bubnjaste sušilice
- EN 60335-2-13:2010/A11:2012 en
Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-13: Posebni zahtjevi za friteze, tave za prženje i slične aparate
- EN 60335-2-2:2010/A11:2012 en
Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-2: Posebni zahtjevi za usisavače i aparate za čišćenje koji usisavaju vodu
- EN 60335-2-23:2003/AC:201X en
Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care
Kućanski i slični električni aparati – Sigurnost – Dio 2-23: Posebni zahtjevi aparata za njegu kože ili kose
- EN 60335-2-27:2010/AA:201X en
Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation
Kućanski i slični električni aparati – Sigurnost – Dio 2-27: Posebni zahtjevi za sunčalice

- EN 60335-2-35:2002/prAA:2012 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 vodogrijalica
- EN 60335-2-45:2002/AA:201X en
Household and similar electrical appliances – Safety – Part 2-45: Particular requirements for portable heating tools and similar appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-45: Posebni zahtjevi za pomična grijana oruđa i slične aparate
- EN 60335-2-5:2003/A12:2012 en
Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers
Kućanski i slični električni aparati – Sigurnost – Dio 2-5: Posebni zahtjevi za perilice posuđa
- EN 60335-2-7:2010/AC:201X en
Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja
- EN 60335-2-86:2003/AB:201X en
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-86: Posebni zahtjevi za aparate za pecanje
- EN 60335-2-99:2003/AA:201X en
Household and similar electrical appliances – Safety – Part 2-99: Particular requirements for commercial electric hoods
Kućanski i slični električni aparati – Sigurnost – Dio 2-99: Posebni zahtjevi za ugostiteljske odsisne kape

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

- EN 45502-2-3:2010 en
Active implantable medical devices – Part 2-3: Particular requirements for cochlear and auditory brainstem implant systems
Aktivni implantabilni medicinski uređaji – Dio 2-3: Posebni zahtjevi za usadne sustave pužnica i slušnih dijelova mozga
- FprEN 60601-1-2:2012 en
Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic disturbances – Requirements and tests (IEC 60601-1-2:201X)
Medicinska električna oprema – Dio 1-2: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Elektromagnetske smetnje – Zahtjevi i ispitivanja (IEC 60601-1-2:201X)
- EN 60601-1-6:2010/FprA1:2012 en
Medical electrical equipment – Part 1-6: General requirements for basic safety and essential performance – Collateral standard: Usability (IEC 60601-1-6:2010/am1:201X)
Medicinski električni uređaji – Dio 1-6: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Upotrebljivost (IEC 60601-1-6:2010/am1:201X)
- EN 60601-2-33:2010/FprA1:2012 en
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/am1:201X)
Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za medicinsku dijagnostiku s pomoću magnetske rezonancije (IEC 60601-2-33:2010/am1:201X)

- FprEN 61331-1:2012 en
Protective devices against diagnostic medical X-radiation – Part 1: Determination of attenuation properties of materials (IEC 61331-1:201X)
Naprave za zaštitu od dijagnostičkog medicinskog rendgenskog zračenja – 1. dio: Određivanje prigušnih svojstava materijala (IEC 61331-1:201X)
- FprEN 61331-2:2012 en
Protective devices against diagnostic medical X-radiation – Part 2: Translucent protective plates (IEC 61331-2:201X)
Naprave za zaštitu od dijagnostičkog medicinskog rendgenskog zračenja – 2. dio: Providne zaštitne ploče (IEC 61331-2:201X)
- FprEN 61331-3:2012 en
Protective devices against diagnostic medical X-radiation – Part 3: Protective clothing, eyewear and protective patient shields (IEC 61331-3:201X)
Naprave za zaštitu od dijagnostičkog medicinskog rendgenskog zračenja – 3. dio: Trajna zaštitna odjeća i zaštitni oklopi (štitnici) za pacijenta (IEC 61331-3:201X)

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

- HD 60364-5-51:2009/FprAA:2013 en
Electrical installations of buildings – Part 5-51: Selection and erection of electrical equipment – Common rules
Električne instalacije zgrada – Dio 5-51: Odabir i ugradba električne opreme – Zajednička pravila
- prHD 60364-5-552:201X en
Low-voltage electrical installations – Part 5-55: Selection and erection of electrical equipment – Other electrical equipment – Clause 552: Low-voltage generating sets - stand-alone (IEC 60364-5-55:2001, MOD)
- FprHD 60364-7-718:2010 en
Low-voltage electrical installations – Part 7-718: Requirements for special installations or locations – Communal facilities and workplaces (IEC 60364-7-718:2011)
- FprHD 60364-7-718:2010/FprAA:201X en
Low-voltage electrical installations – Part 7-718: Requirements for special installations or locations – Communal facilities and workplaces

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

- FprEN 60770-3:2012 en
Transmitters for using in industrial-process control systems – Part 3: Methods for performance evaluation of intelligent transmitters (IEC 60770-3:201X)
Prijenosnici za upotrebu u sustavima za industrijsko vođenje procesa – 3. dio: Metoda za ocjenu djelovanja inteligentnih prijenosnika (IEC 60770-3:201X)
- FprEN 61158-1:2012 en
Industrial communication networks – Fieldbus specifications – Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series (IEC 61158-1:201X)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – 1. dio: Pregled i upute za niz norma IEC 61158 i IEC 61784 (IEC 61158-1:201X)
- FprEN 61158-2:2012 en
Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition (IEC 61158-2:201X)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – 2. dio: Specifikacija fizičkog sloja OSI referentnog modela i definicija usluge (IEC 61158-2:201X)

- FprEN 61158-3-X:2012 en
Industrial communication networks – Fieldbus specifications – Part 3-x: Data-link layer service definition – Type x elements (IEC 61158-3-X:201X)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-x: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa x (IEC 61158-3-X:201X)
- FprEN 61158-4-X:2012 en
Industrial communication networks – Fieldbus specifications – Part 4-x: Data-link layer protocol specification – Type x elements (IEC 61158-4-X:201X)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-x: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa x (IEC 61158-4-X:201X)
- FprEN 61158-5-X:2012 en
Industrial communication networks – Fieldbus specifications – Part 5-x: Application layer service definition – Type x elements (IEC 61158-5-X:201X)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-x: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa x (IEC 61158-5-X:201X)
- FprEN 61158-6-X:2012 en
Industrial communication networks – Fieldbus specifications – Part 6-x: Application layer protocol specification – Type x elements (IEC 61158-6-X:201X)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-x: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa x (IEC 61158-6-X:201X)
- FprEN 61784-1:2012 en
Industrial communication networks – Profiles – Part 1: Fieldbus profiles (IEC 61784-1:201X)
Industrijske komunikacijske mreže – Profili – 1. dio: Profili industrijske sabirnice (fieldbus) (IEC 61784-1:201X)
- FprEN 61784-2:2012 en
Industrial communication networks – Profiles – Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3 (IEC 61784-2:201X)
Industrijske komunikacijske mreže – Profili – 2. dio: Dodatni profili industrijske sabirnice (fieldbus) za mreže u realnom vremenu temeljene na ISO/IEC 8802-3 (IEC 61784-2:201X)
- FprEN 62703:2013 en
Expression of performance of fluorometric oxygen analyzers in liquid media (IEC 62703:201X)
Izražavanje djelovanja fluorometričkih analizatora s kisikom u tekućinama (IEC 62703:201X)

HZN/TO E69, Cestovna i industrijska električna vozila

- FprEN 61851-23:201X en
Electric vehicle conductive charging system – Part 23: D.C. electric vehicle charging station (IEC 61851-23:201X)
Sustav kontaktnog punjenja električnih vozila – 23. dio: Stanica za punjenje vozila istosmjernom strujom (IEC 61851-23:201X)
- FprEN 61851-24:2012 en
Electric vehicle conductive charging system – Part 24: Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging (IEC 61851-24:201X)
Sustav kontaktnog punjenja električnih vozila – 24. dio: Digitalna komunikacija između stanice za punjenje vozila istosmjernom strujom i električnog vozila radi upravljanja punjenjem istosmjernom strujom (IEC 61851-24:201X)

HZN/TO E79, Alarmni sustavi

- CLC/TS 50131-2-8:2012 en
Alarm systems – Intrusion and hold-up systems – Part 2-8: Intrusion detectors – Shock detectors
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-8: Protuprovalni detektori – Detektori udara
- CLC/TS 50131-5-4:2012 en
Alarm systems – Intrusion and hold-up systems – Part 5-4: System compatibility testing for I&HAS equipments located in supervised premises
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 5-4: Ispitivanje kompatibilnosti opreme protuprovalnih i protuprepadnih sustava smještenih u nadziranim objektima
- CLC/TS 50131-11:2012 en
Alarm systems – Intrusion and hold-up systems – Part 11: Hold-up devices
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 11. dio: Protuprepadni uređaji
- EN 50134-3:2012 en
Alarm systems – Social alarm systems – Part 3: Local unit and controller
Alarmni sustavi – Socijalni alarmni sustavi – 3. dio: Lokalna jedinica i upravljački uređaj
- CLC/TS 50136-9:2013 en
Alarm systems – Alarm transmission systems and equipment – Part 9: Requirements for common protocol for alarm transmission using the Internet protocol
- FprEN 62676-1-1:2012 en
Video surveillance systems for use in security applications – Part 1-1: Video system requirements (IEC 62676-1-1:201X)
- FprEN 62676-1-2:2012 en
Video surveillance systems for use in security applications – Part 1-2: Video transmission – General video transmission - requirements (IEC 62676-1-2:201X)
- FprEN 62676-2-1:2012 en
Video surveillance systems for use in security applications – Part 2-1: Video transmission protocols – General requirements (IEC 62676-2-1:201X)
- FprEN 62676-2-2:2012 en
Video surveillance systems for use in security applications – Part 2-2: Video transmission protocols – IP interoperability implementation based on HTTP and REST services (IEC 62676-2-2:201X)
- FprEN 62676-2-3:2012 en
Video surveillance systems for use in security applications – Part 2-3: Video transmission protocols – IP interoperability implementation based on web services (IEC 62676-2-3:201X)

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

- FprEN 61996-1:2013 en
Maritime navigation and radiocommunication equipment and systems – Shipborne voyage data recorder (VDR) – Part 1: Voyage data recorder (VDR) – Performance requirements, methods of testing and required test results (IEC 61996-1:201X)
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Brodski zapisivač podataka o putovanju (VDR) – 1. dio: Zapisivač podataka o putovanju (VDR) – Izvedbeni zahtjevi, metode ispitivanja i zahtijevani rezultati ispitivanja (IEC 61996-1:201X)
- FprEN 62287-2:2012 en
Maritime navigation and radiocommunication equipment and systems – Class B shipborne equipment of the Automatic Identification System (AIS) – Part 2: Self-organising time division multiple access (SOTDMA) techniques (IEC 62287-2:201X)

Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Brodska oprema razreda B sustava automatske identifikacije (AIS) – 2. dio: Tehnike samoorganizirajućeg višestrukog pristupa s vremenskom podjelom (SOTDMA) (IEC 62287-2:201X)

HZN/TO E81, Zaštita od munje

- EN 50536:2011+AC:2011+A1:2012 en
Protection against lightning – Thunderstorm warning systems
Zaštita od munje – Sustavi detekcije grmljavinskih oluja
- EN 62305-3:2011 en
Protection against lightning – Part 3: Physical damage to structures and life hazard (IEC 62305-3:2010, MOD)
Zaštita od munje – 3. dio: Materijalne štete na građevinama i opasnost za život (IEC 62305-3:2010, MOD)
- EN 62305-4:2011 en
Protection against lightning – Part 4: Electrical and electronic systems within structures (IEC 62305-4:2010, MOD)
Zaštita od munje – 4. dio: Električni i elektronički sustavi unutar građevina (IEC 62305-4:2010, MOD)
- EN 62561-4:2011 en
Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners (IEC 62561-4:2010, MOD)
Sastavnice sustava zaštite od munje (LPSC) – 4. dio: Zahtjevi za držače vodiča (IEC 62561-4:2010, MOD)
- EN 62561-5:2011 en
Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals (IEC 62561-5:2011, MOD)
Sastavnice sustava zaštite od munje (LPSC) – 5. dio: Zahtjevi za uzemne zdence i brtvenice vodiča uzemljivača (IEC 62561-5:2011, MOD)
- EN 62561-6:2011 en
Lightning protection system components (LPSC) – Part 6: Requirements for lightning strike counters (LSC) (IEC 62561-6:2011, MOD)
Sastavnice sustava zaštite od munje (LPSC) – 6. dio: Zahtjevi za brojače udara munja (IEC 62561-6:2011, MOD)

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

- FprEN 62586-1:2012 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 62586-2:2012 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 E95, Mjerni releji i zaštitna oprema

- FprEN 60255-149:2012 en
Measuring relays and protection equipment – Part 149: Functional requirements for thermal electrical relays (IEC 60255-149:201X)

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

- FprEN 60268-3:2012 en
Sound system equipment – Part 3: Amplifiers (GMT) (IEC 60268-3:201X)
Oprema audiosustava – 3. dio: Pojačala (GMT) (IEC 60268-3:201X)
- FprEN 61883-6:2012 en
Consumer audio/video equipment – Digital interface – Part 6: Audio and music data transmission protocol (IEC 61883-6:201X)
Audio/video oprema za široku potrošnju – Digitalno sučelje – 6. dio: Protokol za prijenos audio i muzičkih podataka (IEC 61883-6:201X)
- FprEN 62481-1:2012 en
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1: Architecture and protocols (IEC 62481-1:201X)
- FprEN 62481-2:2012 en
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 2: DLNA media formats (IEC 62481-2:201X)
- FprEN 62481-3:2012 en
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection (IEC 62481-3:201X)
- FprEN 62481-4:2012 en
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 4: DRM interoperability solutions (IEC 62481-4:201X)
- FprEN 62481-5:2012 en
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 5 -1: DLNA device profile guidelines – General (IEC 62481-5:201X)
- FprEN 62680-1:2012 en
Universal Serial Bus interfaces for data and power – Part 1: Universal Serial Bus specification (IEC 62680-1:201X)
- FprEN 62680-2:2012 en
Universal Serial Bus interfaces for data and power – Part 2: USB micro-USB cables and connectors specification (IEC 62680-2:201X)
- FprEN 62680-3:2012 en
Universal Serial Bus interfaces for data and power – Part 3: USB battery charging specification (IEC 62680-3:201X)
- FprEN 62680-4:2012 en
Universal Serial Bus interfaces for data and power – Part 4: Universal Serial Bus cables and connectors class (IEC 62680-4:201X)

HZN/TO E106, *Elektromagnetska polja u ljudskome okolišu*

- FprEN 61786-1:2012 en
Measurement of DC magnetic fields, AC magnetic and electric fields from 1 Hz to 100 kHz with regard to exposure of human beings – Requirements for instruments (IEC 61786-1:201X)

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

- FprEN 60216-1:2012 en
Electrical insulating materials – Thermal endurance properties – Part 1: Ageing procedures and evaluation of test results (IEC 60216-1:201X)
Električni izolacijski materijali – Svojstva toplinske izdržljivosti – 1. dio: Postupak starenja i ocjenjivanje rezultata ispitivanja (IEC 60216-1:201X)
- prEN 60493-1 en
Guide for the statistical analysis of ageing test data – Part 1: Methods based on mean values of normally distributed test results (IEC 60493-1:2011)

Uputa za statističku analizu podataka pri ispitivanju starenja – 1. dio: Metode koje se temelje na srednjoj vrijednosti rezultata s normalnom distribucijom (IEC 60493-1:2011)

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

- EN 55016-2-1:2009/FprA3:2012 en
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-1: Methods of measurement of disturbances and immunity – Conducted disturbance measurements (CISPR 16-2-1:2008/am3:201X)
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 2-1: Metode mjerenja smetnja i otpornosti – Mjerenja vođenih smetnja (CISPR 16-2-1:2008/am3:201X)
- EN 55016-4-2:2011/FprA1:2012 en
Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-2: Uncertainties, statistics and limit modelling – Measurement instrumentation uncertainty (CISPR 16-4-2:2011/am1:201X)
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 4-2: Nesigurnosti, statistike i modeliranje dopuštenih vrijednosti – Nesigurnost mjerne opreme (CISPR 16-4-2:2011/am1:201X)
- EN 55020:2007/FprA1:2012 en
Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement (CISPR 20:2006/am1:201X)
Zvučni i televizijski radiodfuzni prijamnici i prateća oprema – Značajke otpornosti – Granice i metode mjerenja (CISPR 20:2006/am1:201X)
- FprEN 55035:2012 en
Electromagnetic compatibility of multimedia equipment – Immunity requirements (CISPR 35:201X)
- EN 55103-1:2009/A1:2012 en
Electromagnetic compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use – Part 1: Emissions
Elektromagnetska kompatibilnost – Norma porodice proizvoda za audio, video, audiovizualne aparate i rasvjetne aparate za zabavu – 1. dio: Emisija
- FprEN 61000-4-6:2012 en
Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Conducted disturbances, induced by radio-frequency fields immunity test (IEC 61000-4-6:201X)

HZN/TO E502, *Elektrotehnički aspekti telekomunikacijske opreme*

- FprEN 50173-6:2013 en
Information technology – Generic cabling systems – Part 6: Distributed building services
Informacijska tehnologija – Generički sustavi kabliranja – 6. dio: Distribuirani servisi u zgradi
- prEN 50174-3:2012 en
Information technology – Cabling installation – Part 3: Installation planning and practices outside buildings
Informacijska tehnologija – Instalacija kabliranja – 3. dio: Planiranje instalacije i instalacijska praksa izvan zgrada

HZN/TO T4, *Normizacija u telekomunikacijama*

- EN 300 386 V1.6.1:2012 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Telecommunication network equipment – ElectroMagnetic Compatibility (EMC) requirements

Elektromagnetska kompatibilnost i radijski spektar (ERM) – Oprema telekomunikacijske mreže – Elektromagnetska kompatibilnost (EMC)

HZNTO Z1, *Informacijska tehnologija*

- ISO/IEC 9594-8:2008+Corr.1:2011+Corr.2:2012 en
Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks
Informacijska tehnologija – Međusobno povezivanje otvorenih sustava – Imenik: Okviri certifikata javnog ključa i atributnog certifikata
- ISO/IEC 9798-2:2008+Corr.1:2010+Corr.2:2012 en
Information technology – Security techniques – Entity authentication – Part 2: Mechanisms using symmetric encipherment algorithms
Informacijska tehnologija – Sigurnosne tehnike – Autentifikacija subjekta – 2. dio: Mehanizmi korištenja simetričnih algoritama za šifriranje
- ISO/IEC 9798-3:1998+Corr.1:2009+am1:2010+Corr.2:2012 en
Information technology – Security techniques – Entity authentication – Part 3: Mechanisms using digital signature techniques
Informacijska tehnologija – Sigurnosne tehnike – Autentifikacija subjekta – 3. dio: Mehanizmi korištenja tehnika digitalnog potpisa
- ISO/IEC 9798-4:1999+Corr.1:2009+Corr.2:2012 en
Information technology – Security techniques – Entity authentication – Part 4: Mechanisms using a cryptographic check function
Informacijska tehnologija – Sigurnosne tehnike – Autentifikacija subjekta – 4. dio: Mehanizmi korištenja kriptografske funkcije za provjeru
- ISO/IEC 10118-2:2010+Corr.1:2011 en
Information technology – Security techniques – Hash-functions – Part 2: Hash-functions using an n-bit block cipher
Informacijska tehnologija – Sigurnosne tehnike – Hash funkcije – 2. dio: Hash funkcije koje koriste n-bitnu blok šifru
- ISO/IEC 11770-1:2010 en
Information technology – Security techniques – Key management – Part 1: Framework
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 1. dio: Okvir
- ISO/IEC 11770-2:2008+Corr.1:2009 en
Information technology – Security techniques – Key management – Part 2: Mechanisms using symmetric techniques
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 2. dio: Mehanizmi korištenja simetričnih tehnika
- ISO/IEC 11770-3:2008+Corr.1:2009 en
Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 3. dio: Mehanizmi korištenja asimetričnih tehnika
- ISO/IEC 11770-4:2006+Corr.1:2009 en
Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 4. dio: Mehanizmi koji se temelje na slabim tajnama
- ISO/IEC 11770-5:2011 en
Information technology – Security techniques – Key management – Part 5: Group key management
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 5. dio: Skupno upravljanje ključem
- ISO/IEC/TR 14516:2002 en
Information technology – Security techniques – Guidelines for the use and management of Trusted Third Party services
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za korištenje i upravljanje uslugama povjerljive treće strane
- ISO/IEC 14888-1:2008 en
Information technology – Security techniques – Digital signatures with appendix – Part 1: General
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 1. dio: Općenito
- ISO/IEC 14888-2:2008 en
Information technology – Security techniques – Digital signatures with appendix – Part 2: Integer factorization based mechanisms
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 2. dio: Mehanizmi koji se temelje na cjelobrojnoj faktorizaciji
- ISO/IEC 14888-3:2006+Corr.1:2007+Corr.2:2009 en
Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu
- ISO/IEC 14888-3:2006/am1:2010 en
Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms – Elliptic Curve Russian Digital Signature Algorithm, Schnorr Digital Signature Algorithm, Elliptic Curve Schnorr Digital Signature Algorithm, and Elliptic Curve Full Schnorr Digital Signature Algorithm
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu – Ruski standard za digitalni potpis korištenjem eliptičkih krivulja, Schnorrov standard za digitalni potpis, Schnorrov standard za digitalni potpis korištenjem eliptičkih krivulja i potpuni Schnorrov standard za digitalni potpis korištenjem eliptičkih krivulja
- ISO/IEC 14888-3:2006/am2:2012 en
Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms – Optimizing hash inputs
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu – Optimiziranje ulaznih sažetaka
- ISO/IEC 15408-1:2009 en
Information technology – Security techniques – Evaluation criteria for IT security – Part 1: Introduction and general model
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 1. dio: Uvod i opći model
- ISO/IEC 15408-2:2008 en
Information technology – Security techniques – Evaluation criteria for IT security – Part 2: Security functional requirements
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 2. dio: Funkcionalni zahtjevi za sigurnost
- ISO/IEC 15408-3:2008 en
Information technology – Security techniques – Evaluation criteria for IT security – Part 3: Security assurance requirements
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 3. dio: Jamstveni zahtjevi za sigurnost

- ISO/IEC/TR 15443-1:2012 en
Information technology – Security techniques – Security assurance framework – Part 1: Introduction and concepts
Informacijska tehnologija – Sigurnosne tehnike – Jamstveni okvir sigurnosti – 1. dio: Uvod i koncepcija
- ISO/IEC 15945:2002 en
Information technology – Security techniques – Specification of TTP services to support the application of digital signatures
Informacijska tehnologija – Sigurnosne tehnike – Specifikacija TTP usluga za podršku primjene digitalnih potpisa
- ISO/IEC 15946-1:2008+Corr.1:2009 en
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 1: General
Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 1. dio: Općenito
- ISO/IEC 15946-5:2009+Corr.1:2012 en
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 5: Elliptic curve generation
Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 5. dio: Generiranje eliptičkih krivulja
- ISO/IEC 18033-1:2005+am1:2011 en
Information technology – Security techniques – Encryption algorithms – Part 1: General
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 1. dio: Općenito
- ISO/IEC 18033-2:2006 en
Information technology – Security techniques – Encryption algorithms – Part 2: Asymmetric ciphers
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 2. dio: Asimetrični enkripcija
- ISO/IEC 18033-3:2010 en
Information technology – Security techniques – Encryption algorithms – Part 3: Block ciphers
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 3. dio: Blok enkripcija
- ISO/IEC 18033-4:2011 en
Information technology – Security techniques – Encryption algorithms – Part 4: Stream ciphers
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 4. dio: 'Stream' enkripcija
- ISO/IEC 19790:2012 en
Information technology – Security techniques – Security requirements for cryptographic modules
Informacijska tehnologija – Sigurnosne tehnike – Sigurnosni zahtjevi za kriptografske module
- ISO/IEC/TR 20004:2012 en
Information technology – Security techniques – Refining software vulnerability analysis under ISO/IEC 15408 and ISO/IEC 18045
Informacijska tehnologija – Sigurnosne tehnike – Poboljšanje analiza ranjivosti softvera po normama ISO/IEC 15408 i ISO/IEC 18045
- ISO/IEC 24759:2008 en
Information technology – Security techniques – Test requirements for cryptographic modules
Informacijska tehnologija – Sigurnosne tehnike – Ispitni zahtjevi za kriptografske module
- ISO/IEC 24760-1:2011 en
Information technology – Security techniques – A framework for identity management – Part 1: Terminology and concepts
Informacijska tehnologija – Sigurnosne tehnike – Okvir za upravljanje identitetom – 1. dio: Terminologija (nazivlje) i koncepcija
- ISO/IEC 27000:2012 en
Information technology – Security techniques – Information security management systems – Overview and vocabulary
Informacijska tehnologija – Sigurnosne tehnike – Sustavi upravljanja informacijskom sigurnošću – Pregled i rječnik
- ISO/IEC 27006:2011 en
Information technology – Security techniques – Requirements for bodies providing audit and certification of information security management systems
Informacijska tehnologija – Sigurnosne tehnike – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja informacijskom sigurnošću
- ISO/IEC 27007:2011 en
Information technology – Security techniques – Guidelines for information security management systems auditing
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za audit sustava upravljanja informacijskom sigurnošću
- ISO/IEC/TR 27015:2012 en
Information technology – Security techniques – Information security management guidelines for financial services
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za upravljanje informacijskom sigurnošću za financijske usluge
- ISO/IEC 27033-1:2009 en
Information technology – Security techniques – Network security – Part 1: Overview and concepts
Informacijska tehnologija – Sigurnosne tehnike – Mrežna sigurnost – 1. dio: Pregled i koncepcija
- ISO/IEC 27033-2:2012 en
Information technology – Security techniques – Network security – Part 2: Guidelines for the design and implementation of network security
Informacijska tehnologija – Sigurnosne tehnike – Mrežna sigurnost – 2. dio: Smjernice za projektiranje i implementaciju mrežne sigurnosti
- ISO/IEC/TR 29149:2012 en
Information technology – Security techniques – Best practices for the provision and use of time-stamping services
Informacijska tehnologija – Sigurnosne tehnike – Dobra praksa za pružanje i korištenje usluga izdavanja vremenskog žiga
- ISO/IEC 29150:2011 en
Information technology – Security techniques – Signcryption
Informacijska tehnologija – Sigurnosne tehnike – Digitalno potpisivanje i enkriptiranje podataka
- ISO/IEC 29192-1:2012 en
Information technology – Security techniques – Lightweight cryptography – Part 1: General
Informacijska tehnologija – Sigurnosne tehnike – Laka kriptografija – 1. dio: Općenito
- ISO/IEC 29192-2:2012 en
Information technology – Security techniques – Lightweight cryptography – Part 2: Block ciphers
Informacijska tehnologija – Sigurnosne tehnike – Laka kriptografija – 2. dio: Enkripcija bloka podataka
- ISO/IEC 29192-3:2012 en
Information technology – Security techniques – Lightweight cryptography – Part 3: Stream ciphers
Informacijska tehnologija – Sigurnosne tehnike – Laka kriptografija – 3. dio: 'Stream' enkripcija

HZNTU N1, *Nemetalni materijali 1*

- EN ISO 1927-2:2012 en
Monolithic (unshaped) refractory products – Part 2:
Sampling for testing (ISO 1927-2:2012)
- EN ISO 1927-3:2012 en
Monolithic (unshaped) refractory products – Part 3:
Characterization as received (ISO 1927-3:2012)
- EN ISO 1927-4:2012 en
Monolithic (unshaped) refractory products – Part 4:
Determination of consistency of castables
(ISO 1927-4:2012)
- EN ISO 1927-5:2012 en
Monolithic (unshaped) refractory products – Part 5:
Preparation and treatment of test pieces
(ISO 1927-5:2012)
- EN ISO 1927-6:2012 en
Monolithic (unshaped) refractory products – Part 6:
Measurement of physical properties (ISO 1927-6:2012)
- EN ISO 1927-7:2012 en
Monolithic (unshaped) refractory products – Part 7:
Tests on pre-formed shapes (ISO 1927-7:2012)
- EN ISO 1927-8:2012 en
Monolithic (unshaped) refractory products – Part 8:
Determination of complementary properties
(ISO 1927-8:2012)

HZNTU T1, *Prijevoz, rukovanje materijalima i pakiranje 1*

- EN 2267-002:2012 en
Aerospace series – Cables, electrical, for general
purpose – Operating temperatures between – 55 °C
and 260 °C – Part 002: General
- EN 2267-009:2013 en
Aerospace series – Cables, electrical, for general
purpose – Operating temperatures between – 55 °C
and 260 °C – Part 009: DRA family, single and multicore
assembly – Product standard
- EN 2591-214:2012 en
Aerospace series – Elements of electrical and optical
connection – Test methods – Part 214: Lightning strike,
current and voltage pulse
- EN 2714-002:2012 en
Aerospace series – Cables, electrical, single and
multicore for general purpose – Operating temperatures
between – 55 °C and 260 °C – Part 002: Screened and
jacketed – General
- EN 3351:2012 en
Aerospace series – Titanium alloy Ti-4Al-4Mo-2Sn –
Solution treated and aged – Forgings – $D_e = 150$ mm
- EN 3528:2013 en
Aerospace series – Steel X2NiCoMo18-8-5 (1.6359)
– Vacuum induction melted and vacuum arc remelted
– Solution treated and precipitation treated – Bar – a
or $D = 150$ mm – 1750 MPa = $R_m = 2000$ MPa
- EN 3660-025:2013 en
Aerospace series – Cable outlet accessories for circular
and rectangular electrical and optical connectors – Part
025: Cable outlet, style A, straight, unsealed, with cable
tie strain relief for EN 3646 – Product standard
- EN 3660-027:2013 en
Aerospace series – Cable outlet accessories for circular
and rectangular electrical and optical connectors – Part
027: Cable outlet, style A, 45°, unsealed, with cable tie
strain relief for EN 3646 – Product standard
- EN 3660-038:2013 en
Aerospace series – Cable outlet accessories for circular
and rectangular electrical and optical connectors – Part
038: Manual installation tool, style Z, for installation of
stainless steel shield termination band EN 3660-033,
to cable outlet accessories – Product standard

- EN 3682-003:2012 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 003: Inserts – Product standard
- EN 3682-004:2012 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 004: Size 2 receptacle – Product standard
- EN 3682-005:2013 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 005: Size 2 plug – Product standard
- EN 3682-006:2013 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 006: Size 3 receptacle – Product standard
- EN 3682-007:2013 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 007: Size 3 plug – Product standard
- EN 3682-008:2013 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 008: Size 4 receptacle – Product standard
- EN 3682-009:2013 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 009: Size 4 plug – Product standard
- EN 4050-1:2012 en
Aerospace series – Test method for metallic materials
– Ultrasonic inspection of bars, plates, forging stock
and forgings – Part 1: General requirements
- EN 4050-2:2012 en
Aerospace series – Test method for metallic materials
– Ultrasonic inspection of bars, plates, forging stock
and forgings – Part 2: Performance of test
- EN 4050-3:2012 en
Aerospace series – Test method for metallic materials
– Ultrasonic inspection of bars, plates, forging stock
and forgings – Part 3: Reference blocks
- EN 4050-4:2012 en
Aerospace series – Test method for metallic materials
– Ultrasonic inspection of bars, plates, forging stock
and forgings – Part 4: Acceptance criteria
- EN 4265:2013 en
Aerospace series – Bearing spherical plain, metal
to metal in corrosion resisting steel – Wide series –
Dimensions and loads – Inch series
- EN 4268:2012 en
Aerospace series – Metallic materials – Heat treatment
facilities – General requirements
- EN 4500-001:2012 en
Aerospace series – Metallic materials – Rules for
drafting and presentation of material standards –
Part 001: General rules
- EN 4500-003:2012 en
Aerospace series – Metallic materials – Rules for
drafting and presentation of material standards –
Part 003: Specific rules for heat resisting alloys
- EN 4500-004:2012 en
Aerospace series – Metallic materials – Rules for
drafting and presentation of material standards –
Part 004: Specific rules for titanium and titanium alloys

- EN 4500-005:2012 en
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 005: Specific rules for steels
- EN 4594:2013 en
Aerospace series – Paints and varnishes – Two component cold curing polyurethane finish – Supersonic erosion resistance
- EN 4595:2013 en
Aerospace series – Paints and varnishes – Two component cold curing polyurethane finish – Subsonic erosion resistance
- EN 4632-004:2012 en
Aerospace series – Weldability and brazeability of materials in aerospace constructions – Part 004: Welding and brazing of homogeneous assemblies of high alloyed steels
- EN 4681-001:2012 en
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 001: Technical specification
- EN 4681-002:2012 en
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 002: General
- EN 6049-008:2013 en
Aerospace series – Electrical cables, installation – Protective sleeves in meta-aramid fibres – Part 008: Self-wrapping shielded (EMI) protective sleeve with nickel copper braid, flexible post installation operating temperature from – 55 °C to 200 °C – Product standard
- EN 9115:2013 en
Quality Management Systems – Requirements for Aviation, Space and Defense Organizations – Deliverable Software (Supplement to EN 9100)
- EN 9300-003:2012 en
Aerospace series – LOTAR – Long term archiving and retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 003: Fundamentals and concepts
- EN 15918:2011+A1:2013 en
Cycles – Cycle trailers – Safety requirements and test methods

HZNTU U1, *Opća elektrotehnika 1*

- prEN 50436-1:2012 en
Alcohol interlocks – Test methods and performance requirements – Part 1: Instruments for drink-driving-offender programs
- prEN 50436-2:2012 en
Alcohol interlocks – Test methods and performance requirements – Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use
- EN 50581:2012 en
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
- FprEN 60127-7:2012 en
Miniature fuses – Part 7: Miniature fuse-links for special applications (IEC 60127-7:201X)
- FprHD 60269-2:2012 en
Low-voltage fuses – Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) – Examples of standardized systems of fuses A to K (IEC 60269-2:201X)
Niskonaponski osigurači – 2. dio: Dodatni zahtjevi za osigurače kojima rukuju ovlaštene osobe (osigurači uglavnom namijenjeni za primjenu u industriji) – Primjeri normiranih sustava osigurača A do K (IEC 60269-2:201X)

- HD 60269-3:2010/FprA1:2012 en
Low-voltage fuses – Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) – Examples of standardized systems of fuses A to F (IEC 60269-3:2010/am1:2013)
Niskonaponski osigurači – 3. dio: Dodatni zahtjevi za osigurače kojima rukuju nestručne osobe (osigurači uglavnom za kućanstvo ili slične primjene) – Primjeri normiranih sustava osigurača A do F (IEC 60269-3:2010/am1:2013)
- EN 60404-11:2013 en
Magnetic materials – Part 11: Method of test for the determination of surface insulation resistance of magnetic sheet and strip (IEC 60404-11:1991+am1:1998+am2:2012)
- FprEN 60695-9-1:201X en
Fire hazard testing – Part 9-1: Surface spread of flame – General guidance (IEC 60695-9-1:201X)
- FprEN 60974-10:2012 en
Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements (IEC 60974-10:201X)
- FprEN 61788-5:2012 en
Superconductivity – Part 5: Matrix to superconductor volume ratio measurement – Copper to superconductor volume ratio of Cu/Nb-Ti composite superconducting wires (IEC 61788-5:201X)
- FprEN 61788-12:2012 en
Superconductivity – Part 12: Matrix to superconductor volume ratio measurement – Copper to non-copper volume ratio of Nb3Sn composite superconducting wires (IEC 61788-12:201X)
- FprEN 61788-18:2012 en
Superconductivity – Part 18: Mechanical properties measurement – Room temperature tensile test of Ag- and/or Ag alloy-sheathed Bi-2223 and Bi-2212 composite superconductors (IEC 61788-18:201X)
- FprEN 62542:2012 en
Environmental standardization for electrical and electronic products and systems – Standardization of environmental aspects – Glossary of terms (IEC 62542:201X)

HZNTU V1, *Elektronika 1*

- prEN 50407-2:2012 en
Multi-pair cables used in high bite rate digital access telecommunication networks – Part 2: Indoor multi-pair/quad cables for installation in Multi Dwelling Units shaft supporting universal services, xDSL and applications up to 100 Mbits over IP
- prEN 50412-4:2012 en
Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz – Part 4: Low rate wide band services (LRWBS) operating between 2 MHz and 4 MHz – Channel allocations
- CLC/TR 50510:2012 en
Fibre optic access to end-user – A guideline to building of FTTH fibre optic network
- FprEN 50582:2012 en
Method of test for resistance to fire of unprotected optical fibre cables for use in emergency circuits (diameter less than or equal to 20 mm)
- FprEN 60286-4:2012 en
Packaging of components for automatic handling – Part 4: Stick magazines for electronic components encapsulated in packages of different forms (IEC 60286-4:201X)

- EN 60352-2:2006/FprA1:2012 en
Solderless connections – Part 2: Crimped connections – General requirements, test methods and practical guidance (IEC 60352-2:2006/am1:201X)
- FprEN 60393-2:2012 en
Potentiometers for use in electronic equipment – Part 2: Sectional specification – Lead-screw actuated and rotary preset potentiometers (IEC 60393-2:201X)
- FprEN 60393-5:2012 en
Potentiometers for use in electronic equipment – Part 5: Sectional specification – Single-turn rotary low-power wirewound and nonwirewound potentiometers (IEC 60393-5:201X)
- FprEN 60393-6:2012 en
Potentiometers for use in electronic equipment – Part 6: Sectional specification – Surface mount preset potentiometers (IEC 60393-6:201X)
- FprEN 60794-1-24:2012 en
Optical fibre cables – Part 1-24: Generic specification – Basic optical cable test procedures – Electrical test methods (IEC 61794-1-24:201X)
- FprEN 60794-2-20:2012 en
Optical fibre cables – Part 2-20: Indoor cables – Family specification for multi-fibre optical cables (IEC 60794-2-20:201X)
- FprEN 60904-8:2012 en
Photovoltaic devices – Part 8: Measurement of spectral response of a photovoltaic (PV) device (IEC 60904-8:201X)
- FprEN 61010-2-010:2012 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-010: Particular requirements for laboratory equipment for the heating of materials (IEC 61010-2-010:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-010: Posebni zahtjevi za laboratorijsku opremu za grijanje tvari (IEC 61010-2-010:201X)
- FprEN 61010-2-051:2012 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring (IEC 61010-2-051:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-051: Posebni zahtjevi za laboratorijsku opremu za miješanje i stirring (IEC 61010-2-051:201X)
- FprEN 61010-2-061:2012 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (IEC 61010-2-061:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-061: Posebni zahtjevi za laboratorijske atomske spektrometre s termičkom atomizacijom i ionizacijom (IEC 61010-2-061:201X)
- FprEN 61010-2-081:2012 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC 61010-2-081:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-081: Posebni zahtjevi za automatsku i poluautomatsku laboratorijsku opremu za analize i druge namjene (IEC 61010-2-081:201X)
- EN 61190-1-2:2007/FprA1:2012 en
Attachment materials for electronic assembly – Part 1-2: Requirements for soldering pastes for high-quality interconnects in electronics assembly (IEC 61190-1-2:2007/am1:201X)
- FprEN 61280-1-1:2012 en
Fibre optic communication subsystem basic test procedures – Part 1-1: Test procedures for general communication subsystems – Transmitter output optical power measurement for single-mode optical fibre cable (IEC 61280-1-1:201X)
- FprEN 61300-2-28:2012 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-28: Tests – Industrial atmosphere (sulphur dioxide) (IEC 61300-2-28:201X)
- FprEN 61300-3-29:2012 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-29: Examinations and measurements – Spectral transfer characteristics of DWDM devices (IEC 61300-3-29:201X)
- FprEN 61300-3-49:2012 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-49: Measurement: Guide pin retention force for rectangular ferrule multi-fibre connectors (IEC 61300-3-49:201X)
- FprEN 61300-3-50:2013 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-50: Examinations and measurements – Crosstalk for optical spatial switches (IEC 61300-3-50:201X)
- FprEN 61587-3:2012 en
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 – Part 3: Electromagnetic shielding performance tests for cabinets and subracks (IEC 61587-3:201X)
- FprEN 61747-2-1:2012 en
Liquid crystal display devices – Part 2-1: Passive matrix monochrome LCD modules – Blank detail specification (IEC 61747-2-1:201X)
- FprEN 61753-089-2:2012 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 089-2: Non-connectorised single-mode bidirectional OTDR monitoring WWDM devices for Category C – Controlled environment (IEC 61753-089-2:201X)
- FprEN 61754-4:2012 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 4: Type SC connector family (IEC 61754-4:201X)
- FprEN 61754-6:2012 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 6: Type MU connector family (IEC 61754-6:201X)
- FprEN 62047-18:2012 en
Semiconductor devices – Micro-electromechanical devices – Part 18: Bend testing methods of thin film materials (IEC 62047-18:201X)
- FprEN 62074-1:2012 en
Fibre optic interconnecting devices and passive components – Fibre optic WDM devices – Part 1: Generic specification (IEC 62074-1:201X)
- FprEN 62116:2012 en
Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters (IEC 62116:201X)
- FprEN 62215-3:2012 en
Integrated circuits – Measurement of impulse immunity – Part 3: Non-synchronous transient injection method (IEC 62215-3:201X)

- FprEN 62341-5-3:2012 en
Organic light emitting diode (OLED) displays – Part 5-3: Measuring methods of image sticking and lifetime (IEC 62341-5-3:201X)
- FprEN 62483:2012 en
Environmental acceptance requirements for tin whisker susceptibility of tin and tin alloy surface finishes (IEC 62483:201X)
- FprEN 62496-2-4:2012 en
Optical circuit boards – Part 2-4: Tests – Optical transmission test for optical circuit boards without input/output fibres (IEC 62496-2-4:201X)
- FprEN 62595-1-1:2012 en
LCD Backlight Unit – Part 1-1: Generic specification (IEC 62595-1-1:201X)
- FprEN 62629-1-2:2012 en
3D Display devices – Part 1-2: Generic – Terminology and letter symbols (IEC 62629-1-2:201X)
- FprEN 62670-1:2012 en
Concentrator photovoltaic (CPV) performance testing – Part 1: Standard conditions (IEC 62670-1:201X)
- FprEN 62716:2012 en
Ammonia corrosion testing of photovoltaic (PV) modules (IEC 62716:201X)
- FprEN 62739-1:2012 en
Test method for erosion of wave soldering equipment using molten lead-free solder alloy – Part 1: Erosion test method for metal materials without surface processing (IEC 62739-1:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

- prEN 50156-1:2012 en
Electrical equipment for furnaces and ancillary equipment – Part 1: Requirements for application design and installation
Električna oprema za peći i pomoćna oprema – 1. dio: Zahtjevi za primjenu konstrukcije i instaliranje
- FprEN 60519-4:2012 en
Safety in electroheating installations – Part 4: Particular requirements for arc furnace installations (IEC 60519-4:201X)
Sigurnost u instalacijama električnoga grijanja – 4. dio: Posebni zahtjevi za instalacije za elektroločne peći (IEC 60519-4:201X)
- FprEN 60549:2012 en
High-voltage fuses for the external protection of shunt capacitors (IEC 60549:201X)
Visokonaponski osigurači za vanjsku zaštitu paralelno spojenih kondenzatora (baterija) (IEC 60549:201X)
- EN 61558-2-16:2009/FprA1:2012 en
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009/am1:201X)
Sigurnost transformatora, prigušnica, jedinica za napajanje i sličnih proizvoda za napone napajanja do 1100 V – Dio 2-16: Posebni zahtjevi i ispitivanja za prekidačke pretvarače za napajanje i transformatore za prekidačke pretvarače za napajanje (IEC 61558-2-16:2009/am1:201X)
- FprEN 61951-1:2012 en
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Portable sealed rechargeable single cells – Part 1: Nickel-cadmium (IEC 61951-1:201X)
- FprEN 62395-1:2012 en
Electrical resistance trace heating systems for industrial and commercial applications – Part 1: General and testing requirements (IEC 62395-1:201X)

Sustavi grijanja elektrootpornom trakom za industrijske i komercijalne primjene – 1. dio: Općenito i zahtjevi ispitivanja (IEC 62395-1:201X)

- FprEN 62395-2:2012 en
Electrical resistance trace heating systems for industrial and commercial applications – Part 2: Application guide for system design, installation and maintenance (IEC 62395-2:201X)

1.4 Povučene hrvatske norme

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

HZN/TO 5, *Metalne cijevi i priključci*

- HRN EN 14917:2009 en
Metalni ekspanzioni mijeh za tlačnu primjenu (EN 14917:2009)
Metal bellows expansion joints for pressure applications (EN 14917:2009)
- zamijenjena s: HRN EN 14917:2013

HZN/TO 22, *Cestovna vozila*

- HRN ISO 6722:2003 en
Cestovna vozila – Jednožilni kabeli za 60 V i 600 V – Dimenzije, ispitne metode i zahtjevi (ISO 6722:2002)
Road vehicles – 60 V and 600 V single-core cables – Dimensions, test methods and requirements (ISO 6722:2002)
- zamijenjena s: HRN ISO 6722-1:2013
- HRN ISO 6856:2002 en
Cestovna vozila – Sklopni oklopljeni visokonaponski kabeli paljenja – Opći zahtjevi i postupci ispitivanja (ISO 6856:1990)
Road vehicles – Unscreened high-tension ignition cable assemblies – General requirements and test methods (ISO 6856:1990)
- zamijenjena s: HRN ISO 6856:2013
- HRN ISO 6969:2001 en
Cestovna vozila – Uređaji za zvučnu signalizaciju – Ispitivanja nakon ugradbe na vozilo (ISO 6969:1999)
Road vehicles – Sound signalling devices – Tests after mounting on vehicle (ISO 6969:1999)
- zamijenjena s: HRN ISO 6969:2013
- HRN ISO 7116:2004 en
Mopedi – Mjerenje najveće brzine (ISO 7116:1995)
Mopeds – Measurement of maximum speed (ISO 7116:1995)
- zamijenjena s: HRN ISO 7116:2013
- HRN ISO 7117:2004 en
Motocikli – Mjerenje najveće brzine (ISO 7117:1995)
Motorcycles – Measurement of maximum speed (ISO 7117:1995)
- zamijenjena s: HRN ISO 7117:2013
- HRN ISO 7141:2003 en
Osobni automobili – Naplatci od lakih legura – Ispitivanje na udar (ISO 7141:1995)
Passenger cars – Light alloy wheels – Impact test (ISO 7141:1995)
- zamijenjena s: HRN ISO 7141:2013
- HRN ISO 7299:2004 en
Dizelski motori – Prirubnice za pričvršćivanje pumpi za ubrizgavanje goriva (ISO 7299:1996)
Diesel engines – End-mounting flanges for fuel injection pumps (ISO 7299:1996)
- zamijenjena s: HRN ISO 7299-1:2013

- HRN ISO 7578:2002 en
Cestovna vozila – Obloženi tip žarnica – Opći zahtjevi i metode ispitivanja (ISO 7578:2001)
Road vehicles – Sheath-type glow-plugs – General requirements and test methods (ISO 7578:2001)
- zamijenjena s: HRN ISO 7578:2013
- HRN ISO 7612:2004 en
Dizelski motori – Redne pumpe za ubrizgavanje goriva ugrađene na ravnu podlogu – Ugradbene mjere (ISO 7612:1994)
Diesel engines – Base-mounted in-line fuel injection pumps – Mounting dimensions (ISO 7612:1994)
- zamijenjena s: HRN ISO 7612:2013
- HRN ISO 7634:2003 en
Cestovna vozila – Kočni sustavi sa stlačenim zrakom – Ispitni postupci (ISO 7634:2003)
Road vehicles – Compressed-air braking systems – Test procedures (ISO 7634:2003)
- zamijenjena s: HRN ISO 7634:2013
- HRN ISO 7635:2003 en
Cestovna vozila – Zračni ili zračno-hidraulični kočni sustavi – Mjerenje kočnih značajki (ISO 7635:1991)
Road vehicles – Air or air over hydraulic braking systems – Measurement of braking performance (ISO 7635:1991)
- zamijenjena s: HRN ISO 7635:2013
- HRN ISO 7637-2:2004 en
Cestovna vozila – Električne smetnje koje se šire vođenjem i sprežanjem – 2. dio: Vođenje električnih tranzijenata samo duž vodova napajanja (ISO 7637-2:2004)
Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only (ISO 7637-2:2004)
- zamijenjena s: HRN ISO 7637-2:2013
- HRN ISO 7637-3:2001 en
Cestovna vozila – Električne smetnje koje se šire vođenjem i sprežanjem – 3. dio: Vozila s nazivnim naponom napajanja 12 V ili 24 V – Prijenos električnih tranzijenata kapacitivnim ili induktivnim sprežanjem preko vodova koji nisu za napajanje (ISO 7637-3:1995)
Road vehicles – Electrical disturbances by conducting and coupling – Part 3: Vehicles with nominal 12 V or 24 V supply voltage – Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines (ISO 7637-3:1995)
- zamijenjena s: HRN ISO 7637-3:2013
- HRN ISO 7637-3/Cor 1:2002 en
Cestovna vozila – Električne smetnje vođenjem i sprežanjem – 3. dio: Vozila s nazivnim naponom napajanja 12 V ili 24 V – Prijenos električnih smetnja kapacitivnim ili induktivnim sprežanjem samo preko vodova koji nisu kabeli napajanja (ISO 7637-3:1995/Cor 1:1995)
Road vehicles – Electrical disturbances by conduction and coupling – Part 3: Vehicles with nominal 12 V or 24 V supply voltage – Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines (ISO 7637-3:1995/Cor 1:1995)
- zamijenjena s: HRN ISO 7637-3:2013
- HRN ISO 7638-2:2001 en
Cestovna vozila – Električni spojnici za kočne sustave – 2. dio: Spojnici za nazivni napon napajanja 12 V (ISO 7638-2:1997)
Road vehicles – Electrical connectors for braking systems – Part 2: Connectors for 12 V nominal supply voltage (ISO 7638-2:1997)
- zamijenjena s: HRN ISO 7638-2:2013
- HRN ISO 7638-2/Cor 1:2002 en
Cestovna vozila – Električni spojnici za kočne sustave – 2. dio: Spojnici za nazivni napon napajanja 12 V (ISO 7638-2:1997/Cor 1:1998)
- Road vehicles – Electrical connectors for braking systems – Part 2: Connectors for 12 V nominal supply voltage (ISO 7638-2:1997/Cor 1:1998)
- zamijenjena s: HRN ISO 7638-2:2013
- HRN ISO 8535-1:2004 en
Motori s kompresijskim paljenjem – Čelične cijevi za visokotlačne vodove za ubrizgavanje goriva – 1. dio: Zahtjevi za bešavne, hladno vučene, jednostijene cijevi (ISO 8535-1:1996)
Compression-ignition engines – Steel tubes for high-pressure fuel injection pipes – Part 1: Requirements for seamless cold-drawn single-wall tubes (ISO 8535-1:1996)
- zamijenjena s: HRN ISO 8535-1:2013
- HRN ISO 8644:2004 en
Motocikli – Kotači od lakih legura – Metoda ispitivanja (ISO 8644:1988)
Motorcycles – Light-alloy wheels – Test method (ISO 8644:1988)
- zamijenjena s: HRN ISO 8644:2013
- HRN ISO 8820-1:2003 en
Cestovna vozila – Električni osigurači – 1. dio: Definicije i opći ispitni zahtjevi (ISO 8820-1:2002)
Road vehicles – Fuse-links – Part 1: Definitions and general test requirements (ISO 8820-1:2002)
- zamijenjena s: HRN ISO 8820-1:2013
- HRN ISO 8820-2:2001 en
Cestovna vozila – Električni plosnati osigurači utičnog tipa – 2. dio: Dimenzije (ISO 8820-2:1994)
Road vehicles – Blade-type electric fuse-link – Part 2: Dimensions (ISO 8820-2:1994)
- zamijenjena s: HRN ISO 8820-2:2013
- HRN ISO 8820-3:2003 en
Cestovna vozila – Električni osigurači – 3. dio: Električni osigurači s plosnatim kontaktima (ISO 8820-3:2002)
Road vehicles – Fuse-links – Part 3: Fuse-links with tabs (blade type) (ISO 8820-3:2002)
- zamijenjena s: HRN ISO 8820-3:2013
- HRN ISO 8820-4:2002 en
Cestovna vozila – Električni osigurači – 4. dio: Električni osigurači sa šupljim kontaktima (A tip) i kontaktima za spajanje vijkom (B tip) i sklopovi za njihovo ispitivanje (ISO 8820-4:2002)
Road vehicles – Fuse-links – Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures (ISO 8820-4:2002)
- zamijenjena s: HRN ISO 8820-4:2013
- HRN ISO 9112:2005 en
Gume za teretne automobile i autobuse – Metode mjerenja opsega kotrljanja gume – Nove gume pod opterećenjem (ISO 9112:1991)
Truck and bus tyres – Method of measuring tyre rolling circumference – Loaded new tyres (ISO 9112:1991)
- zamijenjena s: HRN ISO 9112:2013
- HRN ISO 9815:2004 en
Cestovna vozila – Skupovi osobnog automobila i prikolice – Ispitivanje bočne stabilnosti (ISO 9815:2003)
Road vehicles – Passenger-car and trailer combinations – Lateral stability test (ISO 9815:2003)
- zamijenjena s: HRN ISO 9815:2013
- HRN ISO 9816:2005 en
Osobni automobili – Reakcija vozila u zaokretanju pri naglom otpuštanju papučice snage – Metoda ispitivanja otvorenom petljom (ISO 9816:1993)
Passenger cars – Power-off reactions of a vehicle in a turn – Open-loop test method (ISO 9816:1993)
- zamijenjena s: HRN ISO 9816:2013
- HRN ISO 10191:2005 en
Gume za osobne automobile – Provjera sposobnosti guma – Laboratorijske metode ispitivanja (ISO 10191:1995+Amd 1:1998)

Passenger car tyres – Verifying tyre capabilities – Laboratory test methods (ISO 10191:1995+Amd 1:1998)
- zamijenjena s: HRN ISO 10191:2013

HRN ISO/TR 10305:2001 en
Cestovna vozila – Stvaranje normiranih EM polja za umjeravanje mjerača gustoće snage u području od 20 kHz do 1000 MHz (ISO/TR 10305:1992)
Road vehicles – Generation of standard EM fields for calibration of power density meters from 20 kHz to 1000 MHz (ISO/TR 10305:1992)
- zamijenjena s: HRI ISO/TR 10305-1:2013

HRN ISO 10355:2004 en
Mopedi – Položaj uređaja za osvjetljavanje i svjetlosnu signalizaciju (ISO 10355:1994)
Mopeds – Positioning of lighting and light-signalling devices (ISO 10355:1994)
- zamijenjena s: HRN ISO 10355:2013

HZN/TO 25, Ljevarstvo

HRN EN 1562:2001 en
Ljevarstvo – Temper lijevovi (EN 1562:1997)
Founding – Malleable cast irons (EN 1562:1997)
- zamijenjena s: HRN EN 1562:2013

HRN EN 1562:2001/A1:2008 en
Ljevarstvo – Temper lijevovi (EN 1562:1997/A1:2006)
Founding – Malleable cast irons (EN 1562:1997/A1:2006)
- zamijenjena s: HRN EN 1562:2013

HZN/TO 28, Naftni proizvodi i maziva

HRN EN ISO 12922:2003 en
Maziva, industrijska ulja i srodni proizvodi (razred L) – Podrazred H (hidraulični sustavi) – Specifikacije za razrede HFAE, HFAS, HFB, HFC, HFDR i HFUD (ISO 12922:1999, uključujući Cor 1:2001; EN ISO 12922:2002)
Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for categories HFAE, HFAS, HFB, HFC, HFDR and HFUD (ISO 12922:1999, including Cor 1:2001; EN ISO 12922:2002)
- zamijenjena s: HRN EN ISO 12922:2013

HZN/TO 35, Boje i lakovi

HRN EN ISO 4617:2004 hr,en,fr,de
Boje i lakovi – Popis istovrijednih naziva (ISO 4617:2000; EN ISO 4617:2000)
Paints and varnishes – List of equivalent terms (ISO 4617:2000; EN ISO 4617:2000)
- bez zamjene

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 4136:2012 en
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Poprečno vlačno ispitivanje (ISO 4136:2001; EN ISO 4136:2011)
Destructive tests on welds in metallic materials – Transverse tensile test (ISO 4136:2001; EN ISO 4136:2011)
- zamijenjena s: HRN EN ISO 4136:2013

HRN EN ISO 8205-3:2001 en
Vodom hlađeni sekundarni provodnici za elektrootporno zavarivanje – 3. dio: Ispitni zahtjevi (ISO 8205-3:1993; EN ISO 8205-3:1996)
Water-cooled secondary connection cables for resistance welding – Part 3: Test requirements (ISO 8205-3:1993; EN ISO 8205-3:1996)
- zamijenjena s: HRN EN ISO 8205-3:2013

HRN EN ISO 9016:2012 en
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Ispitivanje udarnog rada loma – Položaj ispitnog uzorka, položaj zareza i ispitivanje (ISO 9016:2001; EN ISO 9016:2011)
Destructive tests on welds in metallic materials – Impact tests – Test specimen location, notch orientation and examination (ISO 9016:2001; EN ISO 9016:2011)
- zamijenjena s: HRN EN ISO 9016:2013

HRN EN 13133:2001 en
Tvrdo lemljenje – Provjera sposobnosti lemilaca (EN 13133:2000)
Brazing – Brazer approval (EN 13133:2000)
- zamijenjena s: HRN EN ISO 13585:2013

HZN/TO 47, Kemija

HRN EN 12302:2003 hr,en,fr,de
Sirovi katran i sirovi benzol – Nazivlje (EN 12302:2000)
Crude tar and crude benzole – Terminology (EN 12302:2000)
- zamijenjena s: HRN EN 15529:2008

HRN EN 12303:2003 hr,en,fr,de
Ulja na osnovi katrana kamenog ugljena – Nazivlje (EN 12303:2000)
Coal tar based oils – Terminology (EN 12303:2000)
- zamijenjena s: HRN EN 15529:2008

HZN/TO 116, Uređaji i oprema za izmjenu topline

HRN EN 230:2008 en
Automatski sustav kontrole za uljne plamenike (EN 230:2005)
Automatic burner control systems for oil burners (EN 230:2005)
- zamijenjena s: HRN EN 298:2012

HRN EN 1264-2:2008 en
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 2. dio: Podno grijanje – Metode za dokazivanje toplinskog učinka proračunom i ispitnim metodama (EN 1264-2:2008)
Water based surface embedded heating and cooling systems – Part 2: Floor heating – Prove methods for the determination of the thermal output using calculation and test methods (EN 1264-2:2008)
- zamijenjena s: HRN EN 1264-2:2013

HRN EN 1860-1:2008 en
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i ispitne metode (EN 1860-1:2003+A1:2006)
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods (EN 1860-1:2003+A1:2006)
- zamijenjena s: HRN EN 1860-1:2013

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 5356-2:2008 en
Anestetička i respiracijska oprema – Stožasti priključci – 2. dio: Priključci na navoj veće nosivosti (ISO 5356-2:2006; EN ISO 5356-2:2007)
Anaesthetic and respiratory equipment – Conical connectors – Part 2: Screw-threaded weight-bearing connectors (ISO 5356-2:2006; EN ISO 5356-2:2007)
- zamijenjena s: HRN EN ISO 5356-2:2013

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

HRN EN 1555-3:2010 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 3. dio: Spojnice (EN 1555-3:2010)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 3: Fittings (EN 1555-3:2010)
- zamijenjena s: HRN EN 1555-3:2013

HZN/TO 147, Kvaliteta vode

- HRN EN ISO 7827:2005 hr
Kakvoća vode – Procjena potpune aerobne biološke razgradljivosti organskih tvari u vodi – Metoda određivanja otopljenoga organskog ugljika (OOU) (ISO 7827:1994; EN ISO 7827:1995)
Water quality – Evaluation in an aqueous medium of the “ultimate” aerobic biodegradability of organic compounds – Method by analysis of dissolved organic carbon (DOC) (ISO 7827:1994; EN ISO 7827:1995)
- zamijenjena s: HRN EN ISO 7827:2013

HZN/TO 159, Ergonomija

- HRN EN ISO 15535:2008 en
Opći zahtjevi za utvrđivanje antropometrijske baze podataka (ISO 15535:2006; EN ISO 15535:2006)
General requirements for establishing anthropometric databases (ISO 15535:2006; EN ISO 15535:2006)
- zamijenjena s: HRN EN ISO 15535:2013

HZN/TO 172, Optika i optički instrumenti

- HRN EN ISO 13666:2008 en,fr
Oftalmološka optika – Leće za naočale – Terminološki rječnik (ISO 13666:1998; EN ISO 13666:1998)
Ophthalmic optics – Spectacles lenses – Vocabulary (ISO 13666:1998; EN ISO 13666:1998)
- zamijenjena s: HRN EN ISO 13666:2013

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

- HRN EN 12159:2009 en
Građevna dizala za prijevoz osoba i materijala s okomito vođenom voznom košarom (EN 12159:2000+A1:2009)
Builders hoists for persons and materials with vertically guided cages (EN 12159:2000+A1:2009)
- zamijenjena s: HRN EN 12159:2013
- HRS ISO/TS 14798:2008 en
Dizala, pokretne stube i pokretne trake za prijevoz osoba – Metodologija procjene i smanjenja rizika (ISO/TS 14798:2006)
Lifts (elevators), escalators and moving walks – Risk assessment and reduction methodology (ISO/TS 14798:2006)
- zamijenjena s: HRN EN ISO 14798:2013

HZN/TO 218, Drvo

- HRN EN 1316-3:1999 hr
Oblo drvo listača – Razvrstavanje po kakvoći – 3. dio: Jasen i javori (EN 1316-3:1997)
Hardwood round timber – Qualitative classification – Part 3: Ash and maples and sycamore (EN 1316-3:1997)
- bez zamjene

HZN/TO 503, Metalni materijali

- HRN EN 12451:2003 en
Bakar i bakrene legure – Bešavne okrugle cijevi za izmjenjivače topline (EN 12451:1999)
Copper and copper alloys – Seamless, round tubes for heat exchangers (EN 12451:1999)
- zamijenjena s: HRN EN 12451:2013
- HRN EN 12452:2003 en
Bakar i bakrene legure – Valjane rebraste bešavne cijevi za izmjenjivače topline (EN 12452:1999)
Copper and copper alloys – Rolled, finned, seamless tubes for heat exchangers (EN 12452:1999)
- zamijenjena s: HRN EN 12452:2013

HZN/TO 509, Cestovna oprema

- HRN EN 1793-1:1999 en
Barijere za zaštitu od buke s cesta – Metoda određivanja akustičkih svojstva – 1. dio: Značajke zvučne apsorpcije proizvoda (EN 1793-1:1997)
Road traffic noise reduction devices – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics of sound absorption (EN 1793-1:1997)
- zamijenjena s: HRN EN 1793-1:2013
- HRN EN 1793-2:1999 en
Barijere za zaštitu od buke s cesta – Metoda određivanja akustičkih svojstava – 2. dio: Značajke uzdušne zvučne izolacije proizvoda (EN 1793-2:1997)
Road traffic noise reduction devices – Test method for determining of acoustic performance – Part 2: Intrinsic characteristics of airborne sound insulation (EN 1793-2:1997)
- zamijenjena s: HRN EN 1793-2:2013

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

- HRN EN 840-1:2007 en
Pokretni spremnici za otpad – 1. dio: Spremnici s 2 kotača obujma do 400 l za uporabu pomoću naprava za podizanje, dimenzije i dizajn (EN 840-1:2004)
Mobile waste containers – Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices, dimensions and design (EN 840-1:2004)
- zamijenjena s: HRN EN 840-1:2013
- HRN EN 840-2:2007 en
Pokretni spremnici za otpad – 2. dio: Spremnici s 4 kotača obujma do 1300 l s ravnim poklopcem za podizanje pomoću rukavaca i/ili naprava za podizanje – Dimenzije i dizajn (EN 840-2:2004)
Mobile waste containers – Part 2: Containers with 4 wheels with a capacity up to 1300 l with flat lid(s), for trunnion and/or comb lifting devices – Dimensions and design (EN 840-2:2004)
- zamijenjena s: HRN EN 840-2:2013
- HRN EN 840-3:2007 en
Pokretni spremnici za otpad – 3. dio: Spremnici s 4 kotača obujma do 1300 l s kliznim poklopcem za podizanje pomoću rukavaca i/ili naprava za podizanje – Dimenzije i dizajn (EN 840-3:2004)
Mobile waste containers – Part 3: Containers with 4 wheels with a capacity up to 1300 l with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design (EN 840-3:2004)
- zamijenjena s: HRN EN 840-3:2013
- HRN EN 840-4:2007 en
Pokretni spremnici za otpad – 4. dio: Spremnici s 4 kotača obujma do 1700 l s ravnim poklopcem za utovar sustavom široki rukavac ili BG- i/ili utovar napravama za podizanje – Dimenzije i dizajn (EN 840-4:2004)
Mobile waste containers – Part 4: Containers with 4 wheels with capacity up to 1700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting device – Dimensions and design (EN 840-4:2004)
- zamijenjena s: HRN EN 840-4:2013
- HRN EN 840-5:2007 en
Pokretni spremnici za otpad – 5. dio: Zahtjevi izvedbe i ispitne metode (EN 840-5:2004)
Mobile waste containers – Part 5: Performance requirements and test methods (EN 840-5:2004)
- zamijenjena s: HRN EN 840-5:2013
- HRN EN 840-6:2008 en
Pokretni spremnici za otpad – 6. dio: Sigurnosni i zdravstveni zahtjevi (EN 840-6:2004+A1:2008)
Mobile waste containers – Part 6: Safety and health requirements (EN 840-6:2004+A1:2008)
- zamijenjena s: HRN EN 840-6:2013

HZN/TO 524, Cestovni prijevoz i prometna telematika

- HRN ISO/TR 14813-5:2003 en
Informacije o prometu i kontrolni sustavi – Referentni model arhitekture IPKS sektora – 5. dio: Zahtjevi opisa arhitekture u IPKS standardu (ISO/TR 14813-5:1999)
Transport information and control systems – Reference model architecture(s) for the TICS sector – Part 5: Requirements for architecture description in TICS standards (ISO/TR 14813-5:1999)
- zamijenjena s: HRN ISO 14813-5:2013
- HRN ISO 15622:2003 en
Informacije o prometu i kontrolni sustavi – Sustavi za automatsku prilagodbu brzine kretanja – Zahtijevane značajke i ispitni postupci (ISO 15622:2002)
Transport information and control systems – Adaptive Cruise Control Systems – Performance requirements and test procedures (ISO 15622:2002)
- zamijenjena s: HRN ISO 15622:2013
- HRS CEN/TS 28701:2011 en
Cestovni prijevoz i prometna telematika – Javni prijevoz – Identifikacija nepomičnih objekata u javnom prijevozu (CEN/TS 28701:2010)
Road transport and traffic telematics – Public transport – Identification of fixed objects in public transport (CEN/TS 28701:2010)
- zamijenjena s: HRN EN 28701:2013

HZN/TO 528, Oprema za željeznice

- HRN EN 13104:2011 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Pogonske osovine – Metode konstruiranja (EN 13104:2009+A1:2010)
Railway applications – Wheelsets and bogies – Powered axles – Design method (EN 13104:2009+A1:2010)
- zamijenjena s: HRN EN 13104:2013
- HRN EN 15153-1:2008 en
Oprema za željeznice – Uređaji za vanjska vizualna i zvučna upozorenja za vlakove velikih brzina – 1. dio: Glavna, signalna i završna rasvjeta (EN 15153-1:2007)
Railway applications – External visible and audible warning devices for high speed trains – Part 1: Head, marker and tail lamps (EN 15153-1:2007)
- zamijenjena s: HRN EN 15153-1:2013
- HRN EN 15153-2:2008 en
Oprema za željeznice – Uređaji za vanjska vizualna i zvučna upozorenja za vlakove velikih brzina – 2. dio: Upozoravajuće sirene (EN 15153-2:2007)
Railway applications – External visible and audible warning devices for high speed trains – Part 2: Warning horns (EN 15153-2:2007)
- zamijenjena s: HRN EN 15153-2:2013
- HRN EN 15528:2008 en
Oprema za željeznice – Kategorije pruga za određivanje sučelja između granica opterećenja željezničkih vozila i infrastrukture (EN 15528:2008)
Railway applications – Line categories for managing the interface between load limits of vehicles and infrastructure (EN 15528:2008)
- zamijenjena s: HRN EN 15528:2013

HZN/TO 531, Plastika i guma

- HRN EN ISO 1183-1:2005 en
Plastika – Metode određivanja gustoće nećelijaste plastike – 1. dio: Metoda uranjanja, metoda uporabom piknometra i titracijska metoda (ISO 1183-1:2004; EN ISO 1183-1:2004)
Plastics – Methods for determining the density of non-cellular plastics – Part 1: Immersion method, liquid pycnometer method and titration method (ISO 1183-1:2004; EN ISO 1183-1:2004)
- zamijenjena s: HRN EN ISO 1183-1:2013

- HRN EN ISO 5659-2:2008 en
Plastika – Stvaranje dima – 2. dio: Određivanje optičke gustoće jednokomornim ispitivanjem (ISO 5659-2:2006; EN ISO 5659-2:2006)
Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test (ISO 5659-2:2006; EN ISO 5659-2:2006)
- zamijenjena s: HRN EN ISO 5659-2:2013
- HRN EN ISO 7792-1:2008 en
Plastika – Plastomerni poliesterski materijali (TP) za prešanje i ekstrudiranje – 1. dio: Sustav označivanja i osnove za specifikacije (ISO 7792-1:1997; EN ISO 7792-1:2004)
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 7792-1:1997; EN ISO 7792-1:2004)
- zamijenjena s: HRN EN ISO 7792-1:2013
- HRN EN ISO 7792-2:2008 en
Plastika – Plastomerni poliesterski materijali (TP) za prešanje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 7792-2:1997; EN ISO 7792-2:2004)
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 7792-2:1997; EN ISO 7792-2:2004)
- zamijenjena s: HRN EN ISO 7792-2:2013

- HRN EN ISO 14855-1:2008 en
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u kontroliranim uvjetima kompostiranja – Metoda analize nastalog ugljikovog dioksida – 1. dio: Opća metoda (ISO 14855-1:2005; EN ISO 14855-1:2007)
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 1: General method (ISO 14855-1:2005; EN ISO 14855-1:2007)
- zamijenjena s: HRN EN ISO 14855-1:2013
- HRN EN ISO 14855-1:2008/Ispr.1:2009 en
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u kontroliranim uvjetima kompostiranja – Metoda analize nastalog ugljikovog dioksida – 1. dio: Opća metoda (ISO 14855-1:2005/Cor 1:2009; EN ISO 14855-1:2007/AC:2009)
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 1: General method (ISO 14855-1:2005/Cor 1:2009; EN ISO 14855-1:2007/AC:2009)
- zamijenjena s: HRN EN ISO 14855-1:2013

HZN/TO 532, Dimnjaci

- HRN DIN 18160-5:2003 de
Dimnjaci – 5. dio: Naprave za pristup dimnjaku – Zahtjevi, projektiranje i izvedba (DIN 18160-5:1998)
Abgasanlagen – Teil 5: Einrichtungen für Schornsteinfegerarbeiten – Anforderungen, Planung und Ausführung (DIN 18160-5:1998)
- zamijenjena s: HRN DIN 18160-5:2013

HZN/TO 534, Spremnici za teret

- HRN EN 13012:2003 en
Postaje za istakanje tekućih goriva – Konstrukcija i pogonska svojstva pipaca za istakanje za uporabu na agregatima za istakanje goriva (EN 13012:2001)
Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers (EN 13012:2001)
- zamijenjena s: HRN EN 13012:2013

HRN EN 13617-1:2011 en
Benzinske stanice – 1. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu mjernih crpki, mjernih uređaja za istakanje goriva i pokretnih crpnih jedinica (EN 13617-1:2004+A1:2009)
Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units (EN 13617-1:2004+A1:2009)
- zamijenjena s: HRN EN 13617-1:2013

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

HRN EN ISO 5436-2:2008 en
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Mjerni etaloni – 2. dio: Softverski mjerni etaloni (ISO 5436-2:2001+Cor 1:2006+Cor 2:2008; EN ISO 5436-2:2001+AC:2008)
Geometrical product specifications (GPS) – Surface texture: Profile method – Measurement standards – Part 2: Software measurement standards (ISO 5436-2:2001+Cor 1:2006+Cor 2:2008; EN ISO 5436-2:2001+AC:2008)
- zamijenjena s: HRN EN ISO 5436-2:2013

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

HRN EN ISO 9906:2008 en
Rotacijske pumpe – Ispitivanja prihvatljivosti hidrauličkih značajka – 1. i 2. razred (ISO 9906:1999; EN ISO 9906:1999)
Rotodynamic pumps – Hydraulic performance acceptance tests – Grades 1 and 2 (ISO 9906:1999; EN ISO 9906:1999)
- zamijenjena s: HRN EN ISO 9906:2013

HRN EN 12599:2004 en
Ventilacija u zgradama – Ispitni postupci i mjerne metode za primopredaju izvedenih sustava ventilacije i klimatizacije (EN 12599:2000+AC:2002)
Ventilation for buildings – Test procedures and measuring methods for handing over installed ventilation and air conditioning systems (EN 12599:2000+AC:2002)
- zamijenjena s: HRN EN 12599:2013

HRN EN 12828:2003 en
Sustavi grijanja u građevinama – Izvedba sustava toplovodnog grijanja (EN 12828:2003)
Heating systems in buildings – Design for water-based heating systems (EN 12828:2003)
- zamijenjena s: HRN EN 12828:2013

HRN EN 13321-1:2008 en
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Elektronički sustavi za obiteljske kuće i zgrade – 1. dio: Zahtjevi za proizvode i sustave (EN 13321-1:2006)
Open data communication in building automation, controls and building management – Home and building electronic system – Part 1: Product and system requirements (EN 13321-1:2006)
- zamijenjena s: HRN EN 13321-1:2013

HRN EN 13321-2:2008 en
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Elektronički sustavi za upravljanje obiteljskim kućama i zgradama – 2. dio: KNXnet/IP komunikacije (EN 13321-2:2006)
Open data communication in building automation, controls and building management – Home and building electronic systems – Part 2: KNXnet/IP Communication (EN 13321-2:2006)
- zamijenjena s: HRN EN 13321-2:2013

HZN/TO 550, Opskrba vodom

HRN EN 896:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev hidroksid (EN 896:2005)
Chemicals used for treatment of water intended for human consumption – Sodium hydroxide (EN 896:2005)
- zamijenjena s: HRN EN 896:2013

HRN EN 897:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev karbonat (EN 897:2005)
Chemicals used for treatment of water intended for human consumption – Sodium carbonate (EN 897:2005)
- zamijenjena s: HRN EN 897:2013

HRN EN 898:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev hidrogenkarbonat (EN 898:2005)
Chemicals used for treatment of water intended for human consumption – Sodium hydrogen carbonate (EN 898:2005)
- zamijenjena s: HRN EN 898:2013

HRN EN 1421:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Amonijev klorid (EN 1421:2005)
Chemicals used for treatment of water intended for human consumption – Ammonium chloride (EN 1421:2005)
- zamijenjena s: HRN EN 1421:2013

HRN EN 12120:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev hidrogensulfid (EN 12120:2005)
Chemicals used for treatment of water intended for human consumption – Sodium hydrogen sulfite (EN 12120:2005)
- zamijenjena s: HRN EN 12120:2013

HRN EN 12121:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev disulfid (EN 12121:2005)
Chemicals used for treatment of water intended for human consumption – Sodium disulfite (EN 12121:2005)
- zamijenjena s: HRN EN 12121:2013

HRN EN 12123:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Amonijev sulfat (EN 12123:2005)
Chemicals used for treatment of water intended for human consumption – Ammonium sulfate (EN 12123:2005)
- zamijenjena s: HRN EN 12123:2013

HRN EN 12124:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev sulfid (EN 12124:2005)
Chemicals used for treatment of water intended for human consumption – Sodium sulfite (EN 12124:2005)
- zamijenjena s: HRN EN 12124:2013

HRN EN 12125:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev tiosulfat (EN 12125:2005)
Chemicals used for treatment of water intended for human consumption – Sodium thiosulfate (EN 12125:2005)
- zamijenjena s: HRN EN 12125:2013

- HRN EN 12126:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Ukapljeni amonijak (EN 12126:2005)
Chemicals used for treatment of water intended for human consumption – Liquefied ammonia (EN 12126:2005)
- zamijenjena s: HRN EN 12126:2013
- HRN EN 12173:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev fluorid (EN 12173:2005)
Chemicals used for treatment of water intended for human consumption – Sodium fluoride (EN 12173:2005)
- zamijenjena s: HRN EN 12173:2013
- HRN EN 12386:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Bakrov sulfat (EN 12386:2005)
Chemicals used for treatment of water intended for human consumption – Copper sulfate (EN 12386:2005)
- zamijenjena s: HRN EN 12386:2013
- HRN EN 12905:2007 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Ekspandirani aluminosilikati (EN 12905:2005)
Products used for treatment of water intended for human consumption – Expanded aluminosilicate (EN 12905:2005)
- zamijenjena s: HRN EN 12905:2013
- HRN EN 12906:2007 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kamen plovačac (EN 12906:2005)
Products used for treatment of water intended for human consumption – Pumice (EN 12906:2005)
- zamijenjena s: HRN EN 12906:2013
- HRN EN 12909:2007 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Antracit (EN 12909:2005)
Products used for treatment for water intended for human consumption – Anthracite (EN 12909:2005)
- zamijenjena s: HRN EN 12909:2013
- HRN EN 12910:2007 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Granat (EN 12910:2005)
Products used for treatment of water intended for human consumption – Garnet (EN 12910:2005)
- zamijenjena s: HRN EN 12910:2013
- HRN EN 12912:2008 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Barit (EN 12912:2005)
Products used for treatment of water intended for human consumption – Barite (EN 12912:2005)
- zamijenjena s: HRN EN 12912:2013
- HRN EN 12913:2008 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Dijatomejska zemlja u prahu (EN 12913:2005)
Products used for treatment of water intended for human consumption – Powdered diatomaceous earth (EN 12913:2005)
- zamijenjena s: HRN EN 12913:2013
- HRN EN 12914:2008 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Perlit u prahu (EN 12914:2005)
Products used for treatment of water intended for human consumption – Powdered perlite (EN 12914:2005)
- zamijenjena s: HRN EN 12914:2013
- HRN EN 15028:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev klorat (EN 15028:2006)
Chemicals used for treatment of water intended for human consumption – Sodium chlorate (EN 15028:2006)
- zamijenjena s: HRN EN 15028:2013
- HRN EN 15029:2008 en
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezov(III) hidroksid (EN 15029:2006)
Products used for treatment of water intended for human consumption – Iron (III) hydroxide oxide (EN 15029:2006)
- zamijenjena s: HRN EN 15029:2013
- HRN EN 15030:2008 en
Kemikalije koje se upotrebljavaju za obradu vode namijenjene ljudskoj uporabi – Soli srebra za povremenu uporabu (EN 15030:2006)
Chemicals used for treatment of water intended for human consumption – Silver salts for intermittent use (EN 15030:2006)
- zamijenjena s: HRN EN 15030:2013
- HRN EN 15030:2008/Ispr.1:2010 en
Kemikalije koje se upotrebljavaju za obradu vode namijenjene ljudskoj uporabi – Soli srebra za povremenu uporabu (EN 15030:2006/AC:2009)
Chemicals used for treatment of water intended for human consumption – Silver salts for intermittent use (EN 15030:2006/AC:2009)
- zamijenjena s: HRN EN 15030:2013
- HRN EN 15482:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Natrijev permanganat (EN 15482:2007)
Chemicals used for treatment of water intended for human consumption – Sodium permanganate (EN 15482:2007)
- zamijenjena s: HRN EN 15482:2013

HZN/TO 554, Obrada otpadnih voda

- HRN EN 1085:2008 en,fr,de
Obrada otpadnih voda – Terminološki rječnik (EN 1085:2007)
Wastewater treatment – Vocabulary (EN 1085:2007)
- zamijenjena s: HRN EN 1085:2013

HZN/TO 556, Osobna zaštitna oprema

- HRN EN 397:2012 en
Industrijske zaštitne kacige (EN 397:2012)
Industrial safety helmets (EN 397:2012)
- zamijenjena s: HRN EN 397:2013
- HRN EN 966:2012 en
Kacige za sportove u zraku (EN 966:2012)
Helmets for airborne sports (EN 966:2012)
- zamijenjena s: HRN EN 966:2013
- HRN EN 1078:2012 en
Kacige za bicikliste i korisnike koturaljki i daski na koturaljkama (EN 1078:2012)
Helmets for pedal cyclists and for users of skateboards and roller skates (EN 1078:2012)
- zamijenjena s: HRN EN 1078:2013
- HRN EN 14052:2012 en
Visokozahtjevne industrijske kacige (EN 14052:2012)
High performance industrial helmets (EN 14052:2012)
- zamijenjena s: HRN EN 14052:2013

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

- HRS CEN/TS 764-6:2008 en
Tlačna oprema – 6. dio: Oblik i sadržaj uputa za rad (CEN/TS 764-6:2004)
Pressure equipment – Part 6: Structure and content of operating instructions (CEN/TS 764-6:2004)
- zamijenjena s: HRI CEN/TR 764-6:2013
- HRN EN 12252:2008 en
Oprema i pribor za UNP – Opremanje kamionskih cisterni za UNP (EN 12252:2005+A1:2008)
LPG equipment and accessories – Equipping of LPG road tankers (EN 12252:2005+A1:2008)
- zamijenjena s: HRN EN 12252:2013
- HRN EN 12755:2002 en
Prenosive plinske boce – Uvjeti punjenja boca za acetilen (EN 12755:2000)
Transportable gas cylinders – Filling conditions for acetylene bundles (EN 12755:2000)
- zamijenjena s: HRN EN ISO 13088:2013
- HRN EN 12952-7:2004 en
Vodocijevni kotlovi i pomoćne instalacije – 7. dio: Zahtjevi za opremu kotla (EN 12952-7:2002)
Water-tube boilers and auxiliary installations – Part 7: Requirements for equipment for the boiler (EN 12952-7:2002)
- zamijenjena s: HRN EN 12952-7:2013
- HRN EN 13769:2003 en
Prenosive plinske boce – Baterije boca – Projektiranje, izrada, označivanje i ispitivanje (EN 13769:2003)
Transportable gas cylinders – Cylinder bundles – Design, manufacture, identification and testing (EN 13769:2003)
- zamijenjena s: HRN EN ISO 10961:2012
- HRN EN 13769:2003/A1:2008 en
Prenosive plinske boce – Baterije boca – Projektiranje, izrada, označivanje i ispitivanje (EN 13769:2003/A1:2005)
Transportable gas cylinders – Cylinder bundles – Design, manufacture, identification and testing (EN 13769:2003/A1:2005)
- zamijenjena s: HRN EN ISO 10961:2012
- HRN EN ISO 21007-2:2008 en
Plinske boce – Identifikacija i označivanje uporabom tehnologije identificiranja radio-frekvencijom – 2. dio: Brojčane sheme za identifikaciju radio-frekvencije (ISO 21007-2:2005; EN ISO 21007-2:2005)
Gas cylinders – Identification and marking using radio frequency identification technology – Part 2: Numbering schemes for radio frequency identification (ISO 21007-2:2005; EN ISO 21007-2:2005)
- zamijenjena s: HRN EN ISO 21007-2:2013

HZN/TO 563, *Sigurnost strojeva*

- HRN EN 1034-3:2010 en
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 3. dio: Strojevi za namatanje, rezanje i pravljenje pregiba (EN 1034-3:1999+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 3: Winders and slitters, plying machines (EN 1034-3:1999+A1:2009)
- zamijenjena s: HRN EN 1034-3:2013
- HRN EN ISO 13849-2:2008 en
Sigurnost strojeva – Sigurnosni dijelovi sustava za nadzor – 2. dio: Potvrđivanje (ISO 13849-2:2003; EN ISO 13849-2:2008)
Safety of machinery – Safety-related parts of control systems – Part 2: Validation (ISO 13849-2:2003; EN ISO 13849-2:2008)
- zamijenjena s: HRN EN ISO 13849-2:2013

HZN/TO E9, *Električna oprema za željeznicu*

- HRN R 009-001:2001 en
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – Procjena kritičnih kvarova i razine sigurnosti (R 009-001:1997)
Railway applications – Communications, signalling and processing systems – Hazardous failure rates and Safety Integrity Levels (R 009-001:1997)
- bez zamjene
- HRN R 009-002:2001 en
Željezničke primjene – Vodič za upotrebu terminologije kod ispitnih postupaka (R 009-002:1998)
Railway applications – Guide for the use of the terminology for testing procedures (R 009-002:1998)
- bez zamjene
- HRN R 009-003:2001 en
Željezničke primjene – Vodič za specifikaciju vođenih transportnih sustava (R 009-003:1998)
Railway applications – Guide to the specification of a guided transport system (R 009-003:1998)
- bez zamjene
- HRN IEC 60349-3:2000 en
Električna vuča – Električni rotacijski strojevi za željeznička i cestovna vozila – 3. dio: Određivanje ukupnih gubitaka izmjeničnih motora s napajanjem iz elektroničkih pretvarača zbrajanjem gubitaka u komponentama (IEC 60349-3:1995)
Electric traction – Rotating electrical machines for rail and road vehicles – Part 3: Determination of the total losses of converter – Fed alternating current motors by summation of the component losses (IEC 60349-3:1995)
- bez zamjene
- HRN IEC 60571:2001 en
Elektronička oprema za upotrebu na željezničkim vozilima (IEC 60571:1998)
Electronic equipment used on rail vehicles (IEC 60571:1998)
- bez zamjene
- HRN IEC 60631:2000 en
Karakteristike i ispitivanja sustava elektrodinamičkog i elektromagnetskog kočenja (IEC 60631:1978)
Characteristics and tests of electrodynamic and electromagnetic braking system (IEC 60631:1978)
- bez zamjene
- HRN IEC 60850:2001 en
Željezničke primjene – Naponi napajanja sustava vuče (IEC 60850:2000)
Railway applications – Supply voltages of traction systems (IEC 60850:2000)
- bez zamjene

HZN/TO E22, *Energetska elektronika*

- HRN EN 61136-1:1999 en
Poluvodički energetska pretvarači – Elektromotorni sustavi prilagodljive brzine – Opći zahtjevi – 1. dio: Specifikacija nazivnih vrijednosti, posebno za istosmjerne elektromotorne sustave (IEC 61136-1:1992, preinačeno; EN 61136-1:1995)
Semiconductor power converters – Adjustable speed electric drive systems – General requirements – Part 1: Rating specifications, particularly for d.c. motor drives (IEC 61136-1:1992, modified; EN 61136-1:1995)
- zamijenjena s: HRI CLC/TR 61800-6:2008
- HRN EN 61491:1999 en
Električna oprema industrijskih strojeva – Serijska podatkovna veza za komunikaciju u stvarnom vremenu između upravljanja i pogona (IEC 61491:1995, MOD; EN 61491:1998)
Electrical equipment of industrial machines – Serial data link for real-time communications between controls and drives (IEC 61491:1995, MOD; EN 61491:1998)
- zamijenjena s: HRI CLC/TR 61491:2011

- HRN EN 62040-1-1:2004 en
Energetski sustavi neprekidnog napajanja (UPS) – 1-1. dio: Opći zahtjevi i zahtjevi na sigurnost za sustave neprekidnog napajanja koji se primjenjuju na mjestima dostupnim poslužitelju (IEC 62040-1-1:2002+Corr:2002; EN 62040-1-1:2003)
Uninterruptible power systems (UPS) – Part 1-1: General and safety requirements for UPS used in operator access areas (IEC 62040-1-1:2002+Corr:2002; EN 62040-1-1:2003)
- zamijenjena s: HRN EN 62040-1:2010
- HRN EN 62040-1-2:2004 en
Energetski sustavi neprekidnog napajanja (UPS) – 1-2. dio: Opći zahtjevi i zahtjevi na sigurnost za sustave neprekidnog napajanja koji se primjenjuju na mjestima ograničenog pristupa (IEC 62040-1-2:2002+Corr:2002; EN 62040-1-2:2003)
Uninterruptible power systems (UPS) – Part 1-2: General and safety requirements for UPS used in restricted access locations (IEC 62040-1-2:2002+Corr:2002; EN 62040-1-2:2003)
- zamijenjena s: HRN EN 62040-1:2010

HZN/TO E31, Eksplozivne atmosfere

- HRN EN 1839:2006 en
Određivanje granica eksplozivnosti za plinove i pare (EN 1839:2003)
Determination of explosion limits of gases and vapours (EN 1839:2003)
- zamijenjena s: HRN EN 1839:2013

HZN/TO E79, Alarmni sustavi

- HRN CLC/TS 50131-3:2004 en
Alarmni sustavi – Protuprovalni sustavi – 3. dio: Upravljačka i pokazna oprema (CLC/TS 50131-3:2003)
Alarm systems – Intrusion systems – Part 3: Control and indicating equipment (CLC/TS 50131-3:2003)
- zamijenjena s: HRN EN 50131-3:2009
- HRN EN 50131-6:1998 en
Alarmni sustavi – Protuprovalni alarmni sustavi – 6. dio: Izvori napajanja (EN 50131-6:1997)
Alarm systems – Intrusion systems – Part 6: Power supplies (EN 50131-6:1997)
- zamijenjena s: HRN EN 50131-6:2008
- HRN EN 50131-6/Corr.:2004 en
Alarmni sustavi – Protuprovalni alarmni sustavi – 6. dio: Izvori napajanja (EN 50131-6:1997/Corr:1998)
Alarm systems – Intrusion systems – Part 6: Power supplies (EN 50131-6:1997/Corr:1998)
- zamijenjena s: HRN EN 50131-6:2008

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

- HRN ROBT-002/EG 201 212:2005 en
Električna sigurnost – Razredba sučelja za opremu koja će biti priključena na telekomunikacijske mreže (CENELEC-ov izvještaj/ETSI-eve upute) (ROBT-002:1998/EG 201 212:1998)
Electrical safety – Classification of interfaces for equipment to be connected to telecommunication networks (CENELEC Report/ETSI Guide) (ROBT-002:1998/EG 201 212:1998)
- zamijenjena s: HRN CLC/TR 62102:2007
- HRN EN 41003:2007 en
Posebni zahtjevi sigurnosti za opremu koja se priključuje na telekomunikacijske mreže (EN 41003:1998+Corr.:2000)
Particular safety requirements for equipment to be connected to telecommunication networks (EN 41003:1998+Corr.:2000)
- zamijenjena s: HRN EN 41003:2009

- HRN EN 50116:2007 en
Oprema informacijske tehnologije – Uobičajeni postupci ispitivanja električne sigurnosti u proizvodnji (EN 50116:2006)
Information technology equipment – Routine electrical safety testing in production (EN 50116:2006)
- zamijenjena s: HRN EN 50514:2009
- HRN EN 50333:2005 en
Audi, video i slični elektronički uređaji – Uobičajeni postupci ispitivanja električne sigurnosti u proizvodnji (EN 50333:2001)
Audio, video and similar electronic apparatus – Routine electrical safety testing in production (EN 50333:2001)
- zamijenjena s: HRN EN 50514:2009
- HRN IEC 60491:2009 en
Sigurnosni zahtjevi za elektroničke fotobljeskalice (IEC 60491:1984)
Safety requirements for electronic flash apparatus for photographic purposes (IEC 60491:1984)
- bez zamjene
- HRN EN 60950-1:2005 en
Oprema informacijske tehnologije – Sigurnost – 1. dio: Opći zahtjevi (IEC 60950-1:2001+Ispravak 1: 2002, preinačena; EN 60950-1:2001+Ispravak 1:2004)
Information technology equipment – Safety – Part 1: General requirements (IEC 60950-1:2001+Corr.1: 2002, modified; EN 60950-1:2001+Corr.1:2004)
- zamijenjena s: HRN EN 60950-1:2007
- HRN EN 60950-1:2005/A11:2005 en
Povlačenje njemačkog A-odstupanja prema dodatku H (EN 60950-1:2001/A11:2004)
Withdrawal of the German A-deviation regarding Annex H (EN 60950-1:2001/A11:2004)
- zamijenjena s: HRN EN 60950-1:2007

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

- HRN EN 14183:2008 en
Step stools (EN 14183:2003)
- zamijenjena s: HRN EN 14183:2013

HZN/TU I2, Strojarstvo 2

- HRN EN ISO 1120:2009 en
Conveyor belts – Determination of strength of mechanical fastenings – Static test method (ISO 1120:2002; EN ISO 1120:2002)
- zamijenjena s: HRN EN ISO 1120:2013
- HRN EN 1554:2009 en
Conveyor belts – Drum friction testing (EN 1554:1998)
- zamijenjena s: HRN EN 1554:2013

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

- HRN EN ISO 10133:2003 en
Mala plovila – Električni sustavi – Istosmjernje instalacije vrlo niskog napona (ISO 10133:2000; EN ISO 10133:2000)
Small craft – Electrical systems – Extra-low-voltage d.c. installations (ISO 10133:2000; EN ISO 10133:2000)
- zamijenjena s: HRN EN ISO 10133:2013
- HRN EN ISO 13297:2003 en
Mala plovila – Električni sustavi – Instalacije izmjenične struje (ISO 13297:2000; EN ISO 13297:2000)
Small craft – Electrical systems – Alternating current installations (ISO 13297:2000; EN ISO 13297:2000)
- zamijenjena s: HRN EN ISO 13297:2013
- HRN EN ISO 21487:2008 en
Mala plovila – Trajno ugrađeni benzinski i dizelski spremnici goriva (ISO 21487:2006; EN ISO 21487:2006)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2006; EN ISO 21487:2006)
- zamijenjena s: HRN EN ISO 21487:2013

HRN EN ISO 21487:2008/Ispr.1:2010 en
Mala plovila – Trajno ugrađeni benzinski i dizelski spremnici goriva (ISO 21487:2006/Cor 1:2008; EN ISO 21487:2006/AC:2009)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2006/Cor 1:2008; EN ISO 21487:2006/AC:2009)
- zamijenjena s: HRN EN ISO 21487:2013

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.

HZN/TO 548, *Konstrukcijski eurokodovi*

- **umjesto**
HRN EN 1993-1-10:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva **kroz debljinu elementa** (EN 1993-1-10:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (EN 1993-1-10:2005+AC:2005)
- **treba biti**
HRN EN 1993-1-10:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva **po debljini** (EN 1993-1-10:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (EN 1993-1-10:2005+AC:2005)
- **umjesto**
HRN EN 1993-1-10:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva **kroz debljinu elementa** (EN 1993-1-10:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (EN 1993-1-10:2005/AC:2009)
- **treba biti**
HRN EN 1993-1-10:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva **po debljini** (EN 1993-1-10:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (EN 1993-1-10:2005/AC:2009)
- **umjesto**
HRN EN 1993-1-12:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-12: Dodatna pravila za proširenje **EN 1993 na vrste čelika do S700** (EN 1993-1-12:2007)
Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S 700 (EN 1993-1-12:2007)
- **treba biti**
HRN EN 1993-1-12:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-12: Dodatna pravila za proširenje **norme EN 1993 na čelike do kvalitete S700** (EN 1993-1-12:2007)
Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S 700 (EN 1993-1-12:2007)
- **umjesto**
HRN EN 1993-1-12:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-12: Dodatna pravila za proširenje **EN 1993 na vrste čelika do S700** (EN 1993-1-12:2007/AC:2009)
- **treba biti**
Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S 700 (EN 1993-1-12:2007/AC:2009)
- **umjesto**
HRN EN 1993-1-2:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – **Projektiranje** konstrukcija na djelovanje požara (EN 1993-1-2:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design (EN 1993-1-2:2005+AC:2005)
- **treba biti**
HRN EN 1993-1-2:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – **Proračun** konstrukcija na djelovanje požara (EN 1993-1-2:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design (EN 1993-1-2:2005+AC:2005)
- **umjesto**
HRN EN 1993-1-2:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – **Projektiranje** konstrukcija na djelovanje požara (EN 1993-1-2:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design (EN 1993-1-2:2005/AC:2009)
- **treba biti**
HRN EN 1993-1-2:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – **Proračun** konstrukcija na djelovanje požara (EN 1993-1-2:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design (EN 1993-1-2:2005/AC:2009)
- **umjesto**
HRN EN 1993-1-8:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-8: **Projektiranje** priključaka (EN 1993-1-8:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-8: Design of joints (EN 1993-1-8:2005+AC:2005)
- **treba biti**
HRN EN 1993-1-8:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-8: **Proračun** priključaka (EN 1993-1-8:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-8: Design of joints (EN 1993-1-8:2005+AC:2005)
- **umjesto**
HRN EN 1993-1-8:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-8: **Projektiranje** priključaka (EN 1993-1-8:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-8: Design of joints (EN 1993-1-8:2005/AC:2009)
- **treba biti**
HRN EN 1993-1-8:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-8: **Proračun** priključaka (EN 1993-1-8:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-8: Design of joints (EN 1993-1-8:2005/AC:2009)

- **umjesto**
- HRN EN 1993-5:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – 5. dio: Piloti (EN 1993-5:2007)
Eurocode 3: Design of steel structures – Part 5: Piling (EN 1993-5:2007)
- **treba biti**
- HRN EN 1993-5:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – 5. dio: Piloti i **žmurje** (EN 1993-5:2007)
Eurocode 3: Design of steel structures – Part 5: Piling (EN 1993-5:2007)
- **umjesto**
- HRN EN 1993-5:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – 5. dio: Piloti (EN 1993-5:2007/AC:2009)
Eurocode 3: Design of steel structures – Part 5: Piling (EN 1993-5:2007/AC:2009)
- **treba biti**
- HRN EN 1993-5:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – 5. dio: Piloti i **žmurje** (EN 1993-5:2007/AC:2009)
Eurocode 3: Design of steel structures – Part 5: Piling (EN 1993-5:2007/AC:2009)
- **umjesto**
- HRN EN 1993-6:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – 6. dio: **Kranske staze** (EN 1993-6:2007)
Eurocode 3: Design of steel structures – Part 6: Crane supporting structures (EN 1993-6:2007)
- **treba biti**
- HRN EN 1993-6:2008
Eurokod 3: Projektiranje čeličnih konstrukcija – 6. dio: **Konstrukcije kranskih staza** (EN 1993-6:2007)
Eurocode 3: Design of steel structures – Part 6: Crane supporting structures (EN 1993-6:2007)
- **umjesto**
- HRN EN 1993-6:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – 6. dio: **Kranske staze** (EN 1993-6:2007/AC:2009)
Eurocode 3: Design of steel structures – Part 6: Crane supporting structures (EN 1993-6:2007/AC:2009)
- **treba biti**
- HRN EN 1993-6:2008/Ispr.1:2011
Eurokod 3: Projektiranje čeličnih konstrukcija – 6. dio: **Konstrukcije kranskih staza** (EN 1993-6:2007/AC:2009)
Eurocode 3: Design of steel structures – Part 6: Crane supporting structures (EN 1993-6:2007/AC:2009)
- **umjesto**
- HRN EN 1999-1-2:2008
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-2: **Projektiranje** konstrukcija na djelovanje požara (EN 1999-1-2:2007)
Eurocode 9: Design of aluminium structures – Part 1-2: Structural fire design (EN 1999-1-2:2007/AC:2009)
- **treba biti**
- HRN EN 1999-1-2:2008
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-2: **Proračun** konstrukcija na djelovanje požara (EN 1999-1-2:2007/AC:2009)
Eurocode 9: Design of aluminium structures – Part 1-2: Structural fire design (EN 1999-1-2:2007/AC:2009)
- **umjesto**
- HRN EN 1999-1-2:2008/Ispr.1:2011
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-2: **Projektiranje** konstrukcija na djelovanje požara (EN 1999-1-2:2007)

Eurocode 9: Design of aluminium structures – Part 1-2: Structural fire design (EN 1999-1-2:2007/AC:2009)

• **treba biti**

- HRN EN 1999-1-2:2008/Ispr.1:2011
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-2: **Proračun** konstrukcija na djelovanje požara (EN 1999-1-2:2007/AC:2009)
Eurocode 9: Design of aluminium structures – Part 1-2: Structural fire design (EN 1999-1-2:2007/AC:2009)

HZN/TO E69, Cestovna i industrijska električna vozila

• **umjesto**

- HRS CLC/TS 50457-1:2008
Conductive charging for electric vehicles – Part 1: D.C. charging station (CLC/TS 50457-1:2008)
Napajanje električnih vozila – 1. dio: **Stanice za napajanje** istosmjernom strujom (CLC/TS 50457-1:2008)

• **treba biti**

- HRS CLC/TS 50457-1:2008
Conductive charging for electric vehicles – Part 1: D.C. charging station (CLC/TS 50457-1:2008)
Kontaktno punjenje električnih vozila – 1. dio: **Stanica za punjenje** istosmjernom strujom (CLC/TS 50457-1:2008)

• **umjesto**

- HRS CLC/TS 50457-2:2008
Conductive charging for electric vehicles – Part 2: Communication protocol between off-board charger and electric vehicle (CLC/TS 50457-2:2008)
Napajanje električnih vozila – 2. dio: Komunikacijski protokol između punjača izvan vozila i električnog vozila (CLC/TS 50457-2:2008)

• **treba biti**

- HRS CLC/TS 50457-2:2008
Conductive charging for electric vehicles – Part 2: Communication protocol between off-board charger and electric vehicle (CLC/TS 50457-2:2008)
Kontaktno punjenje električnih vozila – 2. dio: Komunikacijski protokol između punjača izvan vozila i električnog vozila (CLC/TS 50457-2:2008)

• **umjesto**

- HRN EN 61851-1:2008
Electric vehicle conductive charging system – Part 1: General requirements (IEC 61851-1:2001; EN 61851-1:2001)
Električna vozila – Sustavi za napajanje električnom energijom – 1. dio: Opći zahtjevi (IEC 61851-1:2001; EN 61851-1:2001)

• **treba biti**

- HRN EN 61851-1:2008
Electric vehicle conductive charging system – Part 1: General requirements (IEC 61851-1:2001; EN 61851-1:2001)
Sustav kontaktnog punjenja električnih vozila – 1. dio: Opći zahtjevi (IEC 61851-1:2001; EN 61851-1:2001)

• **umjesto**

- HRN EN 61851-1:2012
Electric vehicle conductive charging system – Part 1: General requirements (IEC 61851-1:2010; EN 61851-1:2011)
Sustav za vodljivo punjenje električnih vozila – 1. dio: Opći zahtjevi (IEC 61851-1:2010; EN 61851-1:2011)

- **treba biti**
- HRN EN 61851-1:2012
Electric vehicle conductive charging system – Part 1: General requirements (IEC 61851-1:2010; EN 61851-1:2011)
Sustav **kontaktnog punjenja** električnih vozila – 1. dio: Opći zahtjevi (IEC 61851-1:2010; EN 61851-1:2011)
- **umjesto**
- HRN EN 61851-21:2008
Electric vehicle conductive charging system – Part 21: Electric vehicle requirements for conductive connection to an a.c./d.c. supply (IEC 61851-21:2001; EN 61851-21:2002)
Električna vozila – Sustavi za napajanje električnom energijom – 21. dio: Zahtjevi za spajanje električnog vozila na izmjenični/istosmjerni sustav napajanja (IEC 61851-21:2001; EN 61851-21:2002)
- **treba biti**
- HRN EN 61851-21:2008
Electric vehicle conductive charging system – Part 21: Electric vehicle requirements for conductive connection to an a.c./d.c. supply (IEC 61851-21:2001; EN 61851-21:2002)
Sustav kontaktnog punjenja električnih vozila – 21. dio: Zahtjevi za **kontaktno** spajanje električnog vozila na izmjenični/istosmjerni sustav napajanja (IEC 61851-21:2001; EN 61851-21:2002)
- **umjesto**
- HRN EN 61851-22:2008
Electric vehicle conductive charging system – Part 22: AC electric vehicle **charging station** (IEC 61851-22:2001; EN 61851-22:2002)
Električna vozila – Sustavi za napajanje električnom energijom – 22. dio: **Stanice za napajanje** vozila izmjeničnom strujom (IEC 61851-22:2001; EN 61851-22:2002)
- **treba biti**
- HRN EN 61851-22:2008
Electric vehicle conductive charging system – Part 22: AC electric vehicle **charging station** (IEC 61851-22:2001; EN 61851-22:2002)
Sustav kontaktnog punjenja električnih vozila – 22. dio: **Stanica za punjenje** vozila izmjeničnom strujom (IEC 61851-22:2001; EN 61851-22:2002)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

HZN/TO 5, *Metalne cijevi i priključci*

- HRN EN 1515-3:2008
Prirubnice i njihovi spojevi – Vijci i matice – 3. dio: Razredba materijala vijaka za čelične prirubnice, označeno po razredima (EN 1515-3:2005)
Flanges and their joints – Bolting – Part 3: Classification of bolt materials for steel flanges, class designated (EN 1515-3:2005)
- HRN EN 1515-4:2010
Prirubnice i njihovi spojevi – Vijci i matice – 3. dio: Selekcija vijaka i matica ovisno o direktivi za opremu pod tlakom 97/23/EC (EN 1515-4:2009)
Flanges and their joints – Bolting – Part 4: Selection of bolting for equipment subject to the Pressure Equipment Directive 97/23/EC (EN 1515-4:2009)

- HRN EN 1759-1:2008
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, spojne dijelove i opremu, označene po razredima – 1. dio: Čelične prirubnice NPS 1/2 do 24 (EN 759-1:2004)
Flanges and their joint – Circular flanges for pipes, valves, fittings and accessories, Class designated – Part 1: Steel flanges, NPS 1/2 to 24 (EN 1759-1:2004)
- HRN EN 1759-3:2008
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, spojne dijelove i opremu, označene po razredima – 3. dio: Prirubnice od bakrenih legura (EN 759-3:2003+AC:2004)
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, class designated – Part 3: Copper alloy flanges (EN 1759-3:2003+AC:2004)
- HRN EN 1759-4:2008
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, spojne dijelove i opremu, označene po razredima – 4. dio: Prirubnice od aluminijskih legura (EN 1759:2003)
Flanges and their joint – Circular flanges for pipes, valves, fittings and accessories, class designated – Part 4: Aluminium alloy flanges (EN 1759-4:2003)

HZN/TO 505, *Prijenos i distribucija plina*

- HRN EN 334:2010
Regulatori tlaka za plin do 100 bar (EN 334:2005+A1:2009)
Gas pressure regulators for inlet pressures up to 100 bar (EN 334:2005+A1:2009)
- HRN EN 14382:2010
Sigurnosni uređaji za plinske redukcijske stanice i instalacije – Regulatori tlaka za plin do 100 bar (EN 14382:2005+A1:2009+AC:2009)
Safety devices for gas pressure regulating stations and installations – Gas safety shut-off devices for inlet pressures up to 100 bar (EN 14382:2005+A1:2009+AC:2009)
- HRN EN 15001-1:2010
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 1. dio: Detaljni funkcionalni zahtjevi za projektiranje, materijale, konstrukciju, nadzor i ispitivanje (EN 15001-1:2009)
Gas Infrastructure – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 1: Detailed functional requirements for design, materials, construction, inspection and testing (EN 15001-1:2009)
- HRN EN 15001-2:2010
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 2. dio: Detaljni funkcionalni zahtjevi za probni rad i održavanje (EN 15001-2:2008)
Gas infrastructure – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 2: Detailed functional requirements for commissioning, operation and maintenance (EN 15001-2:2008)
- HZN/TO 563, *Sigurnost strojeva***
- HRN EN 1010-1:2011
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 1. dio: Opći zahtjevi (EN 1010-1:2004+A1:2010)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 1: Common requirements (EN 1010-1:2004+A1:2010)

- HRN EN 1010-2:2012
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 2. dio: Strojevi za tiskanje i premazivanje papira uključujući i strojeve za predtiještenje (EN 1010-2:2006+A1:2010)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 2: Printing and varnishing machines including pre-press machinery (EN 1010-2:2006+A1:2010)
- HRN EN 1010-3:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 3. dio: Strojevi za rezanje (EN 1010-3:2002+A1:2009)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 3: Cutting machines (EN 1010-3:2002+A1:2009)
- HRN EN 1010-4:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 4. dio: Strojevi za uvezivanje, konvertiranje i završnu obradu knjiga (EN 1010-4:2004+A1:2009)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 4: Bookbinding, paper converting and finishing machines (EN 1010-4:2004+A1:2009)
- HRN EN 1010-5:2008
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 5. dio: Strojevi za izradu valovitih ploča i strojevi za konverziju ravnih i valovitih ploča (EN 1010-5:2005)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 5: Machines for the production of corrugated board and machines for the conversion of flat and corrugated board (EN 1010-5:2005)
- HRN EN 1034-1:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 1. dio: Opći zahtjevi (EN 1034-1:2000+A1:2010)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 1: Common requirements (EN 1034-1:2000+A1:2010)
- HRN EN 1034-2:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 2. dio: Valjci za namatanje (EN 1034-2:2005+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 2: Barking drums (EN 1034-2:2005+A1:2009)
- HRN EN 1034-4:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 4. dio: Strojevi za pravljenje pulpe i njihove mogućnosti opterećenja (EN 1034-4:2005+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 4: Pulpers and their loading facilities (EN 1034-4:2005+A1:2009)
- HRN EN 1034-5:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 5. dio: Strojevi za izradu listova (EN 1034-5:2005+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 5: Sheeters (EN 1034-5:2005+A1:2009)
- HRN EN 1034-6:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 6. dio: Stroj za izgladivanje (tijesak) (EN 1034-6:2005+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 6: Calender (EN 1034-6:2005+A1:2009)
- HRN EN 1034-7:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 7. dio: Komore (EN 1034-7:2005+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 7: Chests (EN 1034-7:2005+A1:2009)
- HRN EN 1034-14:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 14. dio: Namatalica (EN 1034-14:2005+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 14: Reel splitter (EN 1034-14:2005+A1:2009)
- HRN EN 1034-17:2012
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 17. dio: Strojevi za izradu pletiva (EN 1034-17:2012)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 17: Tissue making machines (EN 1034-17:2012)
- HRN EN 1034-21:2012
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 21. dio: Strojevi za premazivanje (EN 1034-21:2012)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 21: Coating machines (EN 1034-21:2012)
- HRN EN 1034-22:2010
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 22. dio: Usitnjivač drveta (EN 1034-22:2005+A1:2009)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 22: Wood Grinders (EN 1034-22:2005+A1:2009)
- HRN EN 1034-27:2012
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 27. dio: Strojevi za rukovanje svitcima (EN 1034-27:2012)
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 27: Roll handling systems (EN 1034-27:2012)
- HRN EN ISO 4413:2012
Hidraulički pogon – Osnovna uloga i sigurnosni zahtjevi za sustave i njihove dijelove (ISO 4413:2010; EN ISO 4413:2010)
Hydraulic fluid power – General rules and safety requirements for systems and their components (ISO 4413:2010; EN ISO 4413:2010)
- HRN EN ISO 4414:2012
Pneumatski pogon – Osnovna pravila i sigurnosni zahtjevi za sustave i njihove dijelove (ISO 4414:2010; EN ISO 4414:2010)
Pneumatic fluid power – General rules and safety requirements for systems and their components (ISO 4414:2010; EN ISO 4414:2010)

- HRN EN ISO 11111-1:2009
Tekstilni strojevi – Sigurnosni zahtjevi – 1. dio: Opći zahtjevi (ISO 11111-1:2005; EN ISO 11111-1:2009)
Textile machinery – Safety requirements – Part 1: Common requirements (ISO 11111-1:2005; EN ISO 11111-1:2009)
- HRN EN ISO 13849-1:2008
Sigurnost strojeva – Sigurnosni dijelovi sustava za nadzor – 1. dio: Osnovna načela za projektiranje (ISO 13849-1:2006; EN ISO 13849-1:2008)
Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design (ISO 13849-1:2006; EN ISO 13849-1:2008)
- HRN EN ISO 13849-1:2008/Ispr.1:2009
Sigurnost strojeva – Sigurnosni dijelovi sustava za nadzor – 1. dio: Osnovna načela za projektiranje (ISO 13849-1:2006/Cor 1:2009; EN ISO 13849-1:2008/AC:2009)
Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design (ISO 13849-1:2006/Cor 1:2009; EN ISO 13849-1:2008/AC:2009)
- HRN EN 15144:2008
Oprema za zimsko održavanje – Nazivlje – Nazivi za zimsko održavanje (EN 15144:2007)
Winter maintenance equipment – Terminology – Terms for winter maintenance (EN 15144:2007)
- HRN EN 15429-1:2008
Strojevi za čišćenje – 1. dio: Razredba i nazivlje (EN 15429-1:2007)
Sweepers – Part 1: Classification and terminology (EN 15429-1:2007)
- HRN EN 15436-1:2008
Oprema za održavanje cesta – 1. dio: Nazivlje (EN 15436-1:2008)
Road service area maintenance equipment – Part 1: Terminology (EN 15436-1:2008)
- HRS CEN/TS 15436-3:2009
Oprema za održavanje cesta – 3. dio: Razredba (CEN/TS 15436-3:2009)
Road service area maintenance equipment – Part 3: Classification (CEN/TS 15436-3:2009)
- HZNTU I1, *Strojarstvo 1***
- HRN EN 930:2010
Strojevi za proizvodnju obuće i proizvoda od kože i umjetne kože – Strojevi za grubu obradu, ribanje, gladenje i porublivanje – Sigurnosni zahtjevi (EN 930:1997+A2:2009)
Footwear, leather and imitation leather goods manufacturing machines – Roughing, scouring, polishing and trimming machines – Safety requirements (EN 930:1997+A2:2009)
- HRN EN 931:2010
Strojevi za proizvodnju obuće – Postolarski strojevi – Sigurnosni zahtjevi (EN 931:1997+A2:2009)
Footwear manufacturing machines – Lasting machines – Safety requirements (EN 931:1997+A2:2009)
- HRN EN 972:2008
Strojevi za štavljenje kože – Strojevi s izmjenjivim valjcima – Sigurnosni zahtjevi (EN 972:1998)
Tannery machines – Reciprocating roller machines – Safety requirements (EN 972:1998)
- HRN EN 1035:2008
Strojevi za štavljenje kože – Strojevi s gibljivim pločama – Sigurnosni zahtjevi (EN 1035:1998+AC:2002)
Tannery machines – Moving platen machinery – Safety requirements (EN 1035:1998+AC:2002)
- HRN EN 1595:2008
Oprema pod tlakom od borosilikatnoga stakla 3.3 – Opća pravila za projektiranje, proizvodnju i ispitivanje (EN 1595:1997)
Pressure equipment made from borosilicate glass 3.3 – General rules for design, manufacture and testing (EN 1595:1997)
- HRN EN 1845:2008
Strojevi za proizvodnju obuće – Strojevi za oblikovanje obuće (kalupi) – Sigurnosni zahtjevi (EN 1845:2007)
Footwear manufacturing machines – Footwear moulding machines – Safety requirements (EN 1845:2007)
- HRN EN 12044:2010
Strojevi za proizvodnju obuće i proizvoda od kože i umjetne kože – Strojevi za rezanje i probijanje – Sigurnosni zahtjevi (EN 12044:2005+A1:2009)
Footwear, leather and imitation leather goods manufacturing machines – Cutting and punching machines – Safety requirements (EN 12044:2005+A1:2009)
- HRN EN 12203:2010
Strojevi za proizvodnju obuće i proizvoda od kože i umjetne kože – Tijesci za cipele i kožu – Sigurnosni zahtjevi (EN 12203:2003+A1:2009)
Footwear, leather and imitation leather goods manufacturing machines – Shoe and leather presses – Safety requirements (EN 12203:2003+A1:2009)
- HRN EN 12387:2010
Strojevi za proizvodnju obuće i proizvoda od kože i umjetne kože – Modularna oprema (normirani kalupi - sklopovi) za popravak obuće – Sigurnosni zahtjevi (EN 12387:2005+A1:2009)
Footwear, leather and imitation leather goods manufacturing machines – Modular shoe repair equipment – Safety requirements (EN 12387:2005+A1:2009)
- HRN EN 12545:2010
Strojevi za proizvodnju obuće i proizvoda od kože i umjetne kože – Pravilo za mjerenje buke – Opći zahtjevi (EN 12545:2000+A1:2009)
Footwear, leather and imitation leather goods manufacturing machines – Noise test code – Common requirements (EN 12545:2000+A1:2009)
- HRN EN 12547:2010
Centrifuge – Opći sigurnosni zahtjevi (EN 12547:1999+A1:2009)
Centrifuges – Common safety requirements (EN 12547:1999+A1:2009)
- HRN EN 12653:2010
Strojevi za proizvodnju obuće i proizvoda od kože i umjetne kože – Strojevi za pričvršćivanje – Sigurnosni zahtjevi (EN 12653:1999+A2:2009)
Footwear, leather and imitation leather manufacturing machines – Nailing machines – Safety requirements (EN 12653:1999+A2:2009)
- HRN EN 13112:2010
Strojevi za štavljenje kože – Strojevi za struganje, obrezivanje i striženje – Sigurnosni zahtjevi (EN 13112:2002+A1:2009)
Tannery machines – Splitting and bandknife shearing machines – Safety requirements (EN 13112:2002+A1:2009)
- HRN EN 13113:2010
Strojevi za štavljenje kože – Strojevi s valjcima za premazivanje – Sigurnosni zahtjevi (EN 13113:2002+A1:2010)
Tannery machines – Roller coating machines – Safety requirements (EN 13113:2002+A1:2010)
- HRN EN 13114:2010
Strojevi za štavljenje kože – Rotirajuće procesne posude – Sigurnosni zahtjevi (EN 13114:2002+A1:2009)
Tannery machines – Rotating process vessels – Safety requirements (EN 13114:2002+A1:2009)

HZNTU U1, *Opća elektrotehnika 1*

HRN EN 60695-11-4:2012

Ispitivanje na opasnost od požara – Dio 11-4: Ispitni plamenovi – Plamenovi snage 50 W – Uređaji i metoda potvrdnog ispitivanja (IEC 60695-11-4:2011; EN 60695-11-4:2011)

Fire hazard testing – Part 11-4: Test flames – 50 W flame – Apparatus and confirmational test method (IEC 60695-11-4:2011; EN 60695-11-4:2011)

HRN EN 60974-13:2012

Oprema za elektrolučno zavarivanje – 13. dio: Stezaljka za masu (IEC 60974-13:2011; EN 60974-13:2011)

Arc welding equipment – Part 13: Welding clamp (IEC 60974-13:2011; EN 60974-13:2011)

HZNTU W1, *Energetska elektrotehnika 1*

HRN EN 60745-2-22:2012

Ručni elektromotorni alati – Sigurnost – Dio 2-22: Posebni zahtjevi za rezne alate (IEC 60745-2-22:2011, MOD; EN 60745-2-22:2011)

Hand-held motor-operated electric tools – Safety – Part 2-22: Particular requirements for cut-off machines (IEC 60745-2-22:2011, MOD; EN 60745-2-22:2011)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija ISO

ISO 24611:2012
Language resource management – Morpho-syntactic annotation framework (MAF)

01.040.11 Tehnologija zdravstvene zaštite (Rječnici)

Europska normizacija CEN

EN ISO 11979-1:2012
Ophthalmic implants – Intraocular lenses – Part 1: Vocabulary (ISO 11979-1:2012)
EN ISO 13666:2012
Ophthalmic optics – Spectacle lenses – Vocabulary (ISO 13666:2012)

Međunarodna normizacija ISO

ISO 13666:2012
Ophthalmic optics – Spectacle lenses – Vocabulary

01.040.13 Okoliš. Zaštita zdravlja. Sigurnost (Rječnici)

Europska normizacija CEN

EN 13237:2012
Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

01.040.17 Mjeriteljstvo i mjerenje. Fizikalne pojave (Rječnici)

Europska normizacija CEN

EN ISO 17450-2:2012
Geometrical product specifications (GPS) – General concepts – Part 2: Basic tenets, specifications, operators, uncertainties and ambiguities (ISO 17450-2:2012)

01.040.23 Hidraulički i pneumatski sustavi i sastavni dijelovi za opću upotrebu (Rječnici)

Međunarodna normizacija ISO

ISO 3857-4:2012
Compressors, pneumatic tools and machines – Vocabulary – Part 4: Air treatment

01.040.25 Proizvodna tehnika (Rječnici)

Međunarodna normizacija ISO

ISO 3857-4:2012
Compressors, pneumatic tools and machines – Vocabulary – Part 4: Air treatment

01.040.29 Elektrotehnika (Rječnici)

Europska normizacija CEN

EN 13237:2012
Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

01.040.83 Industrija gume i plastike (Rječnici)

Međunarodna normizacija ISO

ISO 1382:2012
Rubber – Vocabulary

01.070 Kodiranje bojama

Međunarodna normizacija ISO

ISO 7010:2011/Amd 3:2012
Graphical symbols – Safety colours and safety signs – Registered safety signs

01.080.20 Grafički simboli za upotrebu na posebnoj opremi

Međunarodna normizacija ISO

ISO 7010:2011/Amd 3:2012
Graphical symbols – Safety colours and safety signs – Registered safety signs
ISO 11532:2012
Aircraft ground equipment – Graphical symbols

01.110 Tehnička dokumentacija o proizvodu

Europska normizacija CENELEC

EN 82079-1:2012
Preparation of instructions for use – Structuring, content and presentation – Part 1: General principles and detailed requirements (IEC 82079-1:2012)
CEN/CLC Guide 11:2012
Product information relevant to consumers – Guidelines for standard developers

01.140.20 Informacijske znanosti

Međunarodna normizacija

ISO

ISO/TR 17068:2012
Information and documentation – Trusted third party repository for digital records

03.060 Financije. Bankarstvo. Monetarni sustavi. Osiguranje

Međunarodna normizacija

ISO

ISO 10383:2012
Securities and related financial instruments – Codes for exchanges and market identification (MIC)

ISO/IEC TR 27015:2012
Information technology – Security techniques – Information security management guidelines for financial services

03.080.30 Usluge za potrošače

Europska normizacija

CEN

EN ISO 13293:2012
Recreational diving services – Requirements for gas blender training programmes (ISO 13293:2012)

Međunarodna normizacija

ISO

ISO 13293:2012
Recreational diving services – Requirements for gas blender training programmes

03.080.99 Ostale usluge

Međunarodna normizacija

ISO

ISO/IEC 27013:2012
Information technology – Security techniques – Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1

Europska normizacija

CEN

EN 15221-7:2012
Facility Management – Part 7: Guidelines for Performance Benchmarking

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Međunarodna normizacija

ISO

ISO 22311:2012
Societal security – Video-surveillance – Export interoperability

03.100.30 Upravljanje ljudskim resursima

Europska normizacija

CEN

CWA 16520:2012
Guide dog mobility instructor – Competences

Međunarodna normizacija

ISO

ISO 18436-1:2012
Condition monitoring and diagnostics of machines – Requirements for qualification and assessment of personnel – Part 1: Requirements for assessment bodies and the assessment process

ISO 18436-3:2012
Condition monitoring and diagnostics of machines – Requirements for qualification and assessment of personnel – Part 3: Requirements for training bodies and the training process

ISO 18436-5:2012
Condition monitoring and diagnostics of machines – Requirements for qualification and assessment of personnel – Part 5: Lubricant laboratory technician/analyst

03.120.30 Primjena statističkih metoda

Europska normizacija

CEN

CEN/TR 16369:2012
Use of control charts in the production of concrete

03.200 Slobodno vrijeme. Turizam

Europska normizacija

CEN

EN ISO 13293:2012
Recreational diving services – Requirements for gas blender training programmes (ISO 13293:2012)

Međunarodna normizacija

ISO

ISO 13293:2012
Recreational diving services – Requirements for gas blender training programmes

03.220.01 Prijevoz općenito

Europska normizacija

CEN

EN 16258:2012
Methodology for calculation and declaration of energy consumption and GHG emissions of transport services (freight and passengers)

Međunarodna normizacija

ISO

ISO/TR 26999:2012
Intelligent transport systems – Systems architecture – Use of process-oriented methodology in ITS International Standards and other deliverables

03.220.20 Cestovni prijevoz

Međunarodna normizacija

ISO

- ISO 39001:2012
Road traffic safety (RTS) management systems – Requirements with guidance for use
- ISO 15638-1:2012
Intelligent transport systems – Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) – Part 1: Framework and architecture

07.040 Astronomija. Geodezija. Geografija

Europska normizacija

CEN

- CEN/TR 15449-1:2012
Geographic information – Spatial data infrastructures – Part 1: Reference model
- CEN/TR 15449-2:2012
Geographic information – Spatial data infrastructures – Part 2: Best practices
- CEN/TR 15449-3:2012
Geographic information – Spatial data infrastructures – Part 3: Data centric view

07.060 Geologija. Meteorologija. Hidrologija

Europska normizacija

CENELEC

- EN 50536:2011/A1:2012
Protection against lightning – Thunderstorm warning systems

11.040.01 Medicinska oprema općenito

Međunarodna normizacija

IEC

- IEC 60601-1 Edition 3.1:2012/Corr.1:2012
Medical electrical equipment – Part 1: General requirements for basic safety and essential performance
- IEC 60601-1-8:2006/am1:2012
Amendment 1 – Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
- IEC 60601-1-8 Edition 2.1:2012
Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
- IEC/TR 80001-2-4:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-4: Application guidance – General implementation guidance for healthcare delivery organizations

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Europska normizacija

CEN

- EN ISO 5361:2012
Anaesthetic and respiratory equipment – Tracheal tubes and connectors (ISO 5361:2012)
- EN ISO 5356-2:2012
Anaesthetic and respiratory equipment – Conical connectors – Part 2: Screw-threaded weight-bearing connectors (ISO 5356-2:2012)

Međunarodna normizacija

ISO

- ISO 5356-2:2012
Anaesthetic and respiratory equipment – Conical connectors – Part 2: Screw-threaded weight-bearing connectors

11.040.20 Transfuzijska, infuzijska i injekcijska oprema

Međunarodna normizacija

ISO

- ISO 8536-12:2007/Amd 1:2012
Infusion equipment for medical use – Part 12: Check valves

IEC

- IEC 60601-2-24:2012
Medical electrical equipment – Part 2-24: Particular requirements for the basic safety and essential performance of infusion pumps and controllers

11.040.25 Šprice. Igle. Kateteri

Europska normizacija

CEN

- EN ISO 11608-3:2012
Needle-based injection systems for medical use – Requirements and test methods – Part 3: Finished containers (ISO 11608-3:2012)
- EN ISO 11608-5:2012
Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions (ISO 11608-5:2012)

Međunarodna normizacija

IEC

- IEC 60601-2-24:2012
Medical electrical equipment – Part 2-24: Particular requirements for the basic safety and essential performance of infusion pumps and controllers

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija

ISO

- ISO 13175-3:2012
Implants for surgery – Calcium phosphates – Part 3: Hydroxyapatite and beta-tricalcium phosphate bone substitutes
- ISO 23317:2012
Implants for surgery – In vitro evaluation for apatite-forming ability of implant materials

11.040.50 Radiografska oprema

Europska normizacija

CENELEC

EN 60601-2-44:2009/A1:2012

Medical electrical equipment – Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography (IEC 60601-2-44:2009/A1:2012)

11.040.55 Dijagnostička oprema

Međunarodna normizacija

IEC

IEC 60601-2-22:2007/am1:2012

Amendment 1 – Medical electrical equipment – Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment

IEC 60601-2-22 Edition 3.1:2012

Medical electrical equipment – Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment

11.040.60 Terapeutska oprema

Međunarodna normizacija

IEC

IEC 60601-2-22:2007/am1:2012

Amendment 1 – Medical electrical equipment – Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment

IEC 60601-2-22 Edition 3.1:2012

Medical electrical equipment – Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment

11.040.70 Oftalmološka oprema

Europska normizacija

CEN

EN ISO 9394:2012

Ophthalmic optics – Contact lenses and contact lens care products – Determination of biocompatibility by ocular study with rabbit eyes (ISO 9394:2012)

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 10685-3:2012

Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 3: Technical information (ISO 10685-3:2012)

EN ISO 11979-1:2012

Ophthalmic implants – Intraocular lenses – Part 1: Vocabulary (ISO 11979-1:2012)

EN ISO 11979-4:2008/A1:2012

Ophthalmic implants – Intraocular lenses – Part 4: Labelling and information – Amendment 1 (ISO 11979-4:2008/Amd1:2012)

EN ISO 11980:2012

Ophthalmic optics – Contact lenses and contact lens care products – Guidance for clinical investigations (ISO 11980:2012)

EN ISO 13666:2012

Ophthalmic optics – Spectacle lenses – Vocabulary (ISO 13666:2012)

Međunarodna normizacija

ISO

ISO 9394:2012

Ophthalmic optics – Contact lenses and contact lens care products – Determination of biocompatibility by ocular study with rabbit eyes (ISO 9394:2012)

ISO 10685-2:2012

Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 2: Commercial information

ISO 10685-3:2012

Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 3: Technical information

ISO 11980:2012

Ophthalmic optics – Contact lenses and contact lens care products – Guidance for clinical investigations

ISO 13666:2012

Ophthalmic optics – Spectacle lenses – Vocabulary

11.060.01 Stomatologija općenito

Europska normizacija

CEN

EN ISO 12836:2012

Dentistry – Digitizing devices for CAD/CAM systems for indirect dental restorations – Test methods for assessing accuracy (ISO 12836:2012)

Međunarodna normizacija

ISO

ISO 12836:2012

Dentistry – Digitizing devices for CAD/CAM systems for indirect dental restorations – Test methods for assessing accuracy

11.060.25 Stomatološki instrumenti

Europska normizacija

CEN

EN ISO 13397-2:2005/A1:2012

Dentistry – Periodontal curettes, dental scalers and excavators – Part 2: Periodontal curettes of Gr-type – Amendment 1: Colour coding (ISO 13397-2:2005/Amd 1:2012)

11.100.01 Laboratorijska medicina općenito

Europska normizacija

CEN

EN ISO 15189:2012

Medical laboratories – Requirements for quality and competence (ISO 15189:2012)

Međunarodna normizacija

ISO

ISO 15189:2012

Medical laboratories – Requirements for quality and competence

11.180.10 Pomagala i prilagodbe za kretanje

Međunarodna normizacija ISO

ISO 7176-28:2012
Wheelchairs – Part 28: Requirements and test methods for stair-climbing devices

ISO 10542-1:2012
Technical systems and aids for disabled or handicapped persons – Wheelchair tiedown and occupant-restraint systems – Part 1: Requirements and test methods for all systems

11.180.15 Pomagala za gluhe i osobe oštećenog sluha

Međunarodna normizacija IEC

IEC 60601-2-66:2012
Medical electrical equipment – Part 2-66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems

11.180.30 Pomagala za slijepe ili slabovidne osobe

Europska normizacija CEN

CWA 16520:2012
Guide dog mobility instructor – Competences

11.180.99 Ostale norme koje se odnose na pomagala za osobe s invaliditetom

Međunarodna normizacija ISO

ISO/IEC TR 13066-2:2012
Information technology – Interoperability with Assistive Technology (AT) – Part 2: Windows accessibility application programming interface (API)

13.020.60 Životni ciklusi proizvoda

Međunarodna normizacija IEC

IEC/TR 62635:2012
Guidelines for end-of-life information provided by manufacturers and recyclers and for recyclability rate calculation of electrical and electronic equipment

13.030.01 Otpad općenito

Europska normizacija CEN

CEN/TR 16376:2012
Characterization of waste – Overall guidance document for characterization of waste from the extractive industries

13.030.10 Kruti otpad

Europska normizacija CEN

CEN/TR 16365:2012
Characterization of waste – Sampling of waste from extractive industries

13.030.50 Recikliranje

Međunarodna normizacija IEC

IEC/TR 62635:2012
Guidelines for end-of-life information provided by manufacturers and recyclers and for recyclability rate calculation of electrical and electronic equipment

13.040.01 Kvaliteta zraka općenito

Međunarodna normizacija ISO

ISO 11665-8:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 8: Methodologies for initial and additional investigations in buildings

13.040.30 Atmosfera u radnome prostoru

Europska normizacija CEN

CEN/TR 16013-3:2012
Workplace exposure – Guide for the use of direct-reading instruments for aerosol monitoring – Part 3: Evaluation of airborne particle concentrations using photometers

13.040.40 Emisije iz stacionarnih izvora

Europska normizacija CEN

EN ISO 13199:2012
Stationary source emissions – Determination of total volatile organic compounds (TVOCs) in waste gases from non-combustion processes – Non-dispersive infrared analyser equipped with catalytic converter (ISO 13199:2012)

Međunarodna normizacija ISO

ISO 13199:2012
Stationary source emissions – Determination of total volatile organic compounds (TVOCs) in waste gases from non-combustion processes – Non-dispersive infrared analyser equipped with catalytic converter

13.060.45 Ispitivanje vode općenito (uključujući uzorkovanje)

Europska normizacija CEN

EN 16260:2012
Water quality – Visual seabed surveys using remotely operated and/or towed observation gear for collection of environmental data

EN ISO 5667-3:2012
Water quality – Sampling – Part 3: Preservation and handling of water samples (ISO 5667-3:2012)

**Međunarodna normizacija
ISO**

ISO 5667-3:2012
Water quality – Sampling – Part 3: Preservation and handling of water samples

**13.060.50 Ispitivanje voda na kemijske
tvori**

**Europska normizacija
CEN**

EN ISO 5814:2012
Water quality – Determination of dissolved oxygen – Electrochemical probe method (ISO 5814:2012)

**Međunarodna normizacija
ISO**

ISO 5814:2012
Water quality – Determination of dissolved oxygen – Electrochemical probe method

**13.060.70 Ispitivanje bioloških svojstava
vode**

**Europska normizacija
CEN**

EN ISO 6341:2012
Water quality – Determination of the inhibition of the mobility of Daphnia magna Straus (Cladocera, Crustacea) – Acute toxicity test (ISO 6341:2012)

**Međunarodna normizacija
ISO**

ISO 6341:2012
Water quality – Determination of the inhibition of the mobility of Daphnia magna Straus (Cladocera, Crustacea) – Acute toxicity test

13.080.30 Biološka svojstva tla

**Međunarodna normizacija
ISO**

ISO 11268-1:2012
Soil quality – Effects of pollutants on earthworms – Part 1: Determination of acute toxicity to Eisenia fetida/Eisenia andrei

ISO 11268-2:2012
Soil quality – Effects of pollutants on earthworms – Part 2: Determination of effects on reproduction of Eisenia fetida/Eisenia andrei

ISO 17155:2012
Soil quality – Determination of abundance and activity of soil microflora using respiration curves

13.110 Sigurnost strojeva

**Europska normizacija
CEN**

EN ISO 13849-2:2012
Safety of machinery – Safety-related parts of control systems – Part 2: Validation (ISO 13849-2:2012)

**Međunarodna normizacija
ISO**

ISO 13849-2:2012
Safety of machinery – Safety-related parts of control systems – Part 2: Validation

IEC

IEC 62061:2005/am1:2012
Amendment 1 – Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems

IEC 62061 Edition 1.1:2012
Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems

13.160 Utjecaj vibracija i udara na ljude

**Europska normizacija
CEN**

CEN/TR 16391:2012
Mechanical vibration and shock – Hand-transmitted vibration – Influence of coupling forces at the hand-machine interface on exposure evaluation

EN ISO 28927-12:2012
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 12: Die grinders (ISO 28927-12:2012)

**Međunarodna normizacija
ISO**

ISO 28927-12:2012
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 12: Die grinders

13.180 Ergonomija

**Europska normizacija
CEN**

EN ISO 15535:2012
General requirements for establishing anthropometric databases (ISO 15535:2012)

**Međunarodna normizacija
ISO**

ISO 15535:2012
General requirements for establishing anthropometric databases

ISO 16121-1:2012
Road vehicles – Ergonomic requirements for the driver's workplace in line-service buses – Part 1: General description, basic requirements

**13.220.40 Zapaljivost i ponašanje
materijala i proizvoda pri
izgaranju**

**Europska normizacija
CENELEC**

EN 60695-11-3:2012
Fire hazard testing – Part 11-3: Test flames – 500 W flames – Apparatus and confirmational test methods (IEC 60695-11-3:2012)

Međunarodna normizacija IEC

IEC 61249-2-27:2012

Materials for printed boards and other interconnecting structures – Part 2-27: Reinforced base materials clad and unclad – Bismaleimide/triazine modified with non-halogenated epoxide woven glass laminate sheets of defined flammability (vertical burning test), copper-clad

IEC 61249-2-30:2012

Materials for printed boards and other interconnecting structures – Part 2-30: Reinforced base materials clad and unclad – Non-halogenated epoxide modified cyanate ester woven glass laminate of defined flammability (vertical burning test), copper-clad

IEC 61249-2-39:2012

Materials for printed boards and other interconnecting structures – Part 2-39: Reinforced base materials clad and unclad – High performance epoxide and non-epoxide, woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

IEC 61249-2-40:2012

Materials for printed boards and other interconnecting structures – Part 2-40: Reinforced base materials, clad and unclad – High performance, non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

13.220.50 Vatrootpornost građevnih materijala i elemenata

Međunarodna normizacija ISO

ISO 834-12:2012

Fire resistance tests – Elements of building construction – Part 12: Specific requirements for separating elements evaluated on less than full scale furnaces

13.230 Zaštita od eksplozija

Europska normizacija CEN

EN 13237:2012

Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

13.300 Zaštita od opasnih tvari

Europska normizacija CEN

EN 14116:2012

Tanks for transport of dangerous goods – Digital interface for product recognition devices for liquid fuels

13.340.10 Zaštitna odjeća

Europska normizacija CEN

EN ISO 15027-1:2012

Immersion suits – Part 1: Constant wear suits, requirements including safety (ISO 15027-1:2012)

EN ISO 15027-2:2012

Immersion suits – Part 2: Abandonment suits, requirements including safety (ISO 15027-2:2012)

EN ISO 15027-3:2012

Immersion suits – Part 3: Test methods (ISO 15027-3:2012)

Međunarodna normizacija ISO

ISO 15027-1:2012

Immersion suits – Part 1: Constant wear suits, requirements including safety

ISO 15027-2:2012

Immersion suits – Part 2: Abandonment suits, requirements including safety

ISO 15027-3:2012

Immersion suits – Part 3: Test methods

13.340.20 Zaštitna oprema za glavu

Europska normizacija CEN

EN 397:2012+A1:2012

Industrial safety helmets

EN 966:2012+A1:2012

Helmets for airborne sports

EN 1078:2012+A1:2012

Helmets for pedal cyclists and for users of skateboards and roller skates

EN 14052:2012+A1:2012

High performance industrial helmets

13.340.30 Uređaji za zaštitu dišnih organa

Međunarodna normizacija ISO

ISO 16900-3:2012

Respiratory protective devices – Methods of test and test equipment – Part 3: Determination of particle filter penetration

ISO 17420-3:2012

Respiratory protective devices – Performance requirements – Part 3: Thread connection

13.340.50 Zaštita nogu i stopala

Europska normizacija CEN

EN ISO 13287:2012

Personal protective equipment – Footwear – Test method for slip resistance (ISO 13287:2012)

Međunarodna normizacija ISO

ISO 13287:2012

Personal protective equipment – Footwear – Test method for slip resistance

17.020 Mjeriteljstvo i mjerenje općenito

Međunarodna normizacija ISO

ISO/IEC Guide 98-4:2012

Uncertainty of measurement – Part 4: Role of measurement uncertainty in conformity assessment

17.040.30 Mjerni instrumenti

Europska normizacija

CEN

EN ISO 5436-2:2012

Geometrical product specifications (GPS) – Surface texture: Profile method – Measurement standards – Part 2: Software measurement standards (ISO 5436-2:2012)

EN ISO 17450-2:2012

Geometrical product specifications (GPS) – General concepts – Part 2: Basic tenets, specifications, operators, uncertainties and ambiguities (ISO 17450-2:2012)

Međunarodna normizacija

ISO

ISO 5436-2:2012

Geometrical product specifications (GPS) – Surface texture: Profile method – Measurement standards – Part 2: Software measurement standards

ISO 17450-2:2012

Geometrical product specifications (GPS) – General concepts – Part 2: Basic tenets, specifications, operators, uncertainties and ambiguities

ISO/TR 14253-6:2012

Geometrical product specifications (GPS) – Inspection by measurement of workpieces and measuring equipment – Part 6: Generalized decision rules for the acceptance and rejection of instruments and workpieces

17.120.10 Protok u zatvorenim cjevovodima

Međunarodna normizacija

ISO

ISO 17089-2:2012

Measurement of fluid flow in closed conduits – Ultrasonic meters for gas – Part 2: Meters for industrial applications

17.140.20 Buka koju proizvode strojevi i oprema

Međunarodna normizacija

IEC

IEC 61400-11:2012

Wind turbines – Part 11: Acoustic noise measurement techniques

IEC/IEEE 62271-37-082:2012

High-voltage switchgear and controlgear – Part 37-082: Standard practice for the measurement of sound pressure levels on alternating current circuit-breakers

17.140.30 Buka koju proizvode prijevozna sredstva

Europska normizacija

CEN

EN 1793-1:2012

Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics of sound absorption

EN 1793-2:2012

Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions

EN 1793-6:2012

Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 6: Intrinsic characteristics – In situ values of airborne sound insulation under direct sound field conditions

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija

ISO

ISO 4548-7:2012

Methods of test for full-flow lubricating oil filters for internal combustion engines – Part 7: Vibration fatigue test

ISO 18436-3:2012

Condition monitoring and diagnostics of machines – Requirements for qualification and assessment of personnel – Part 3: Requirements for training bodies and the training process

ISO 18436-5:2012

Condition monitoring and diagnostics of machines – Requirements for qualification and assessment of personnel – Part 5: Lubricant laboratory technician/analyst

IEC

IEC 61373:2010/Corr.1:2011

Railway applications – Rolling stock equipment – Shock and vibration tests; Corrigendum 1

17.180.01 Optika i optička mjerenja općenito

Međunarodna normizacija

ISO

ISO 9334:2012

Optics and photonics – Optical transfer function – Definitions and mathematical relationships

ISO 9335:2012

Optics and photonics – Optical transfer function – Principles and procedures of measurement

17.200.20 Mjerni instrumenti za mjerenje temperature

Europska normizacija

CEN

EN ISO 80601-2-56:2012

Medical electrical equipment – Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (ISO 80601-2-56:2009)

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija CENELEC

EN 60404-15:2012

Magnetic materials – Part 15: Methods for the determination of the relative magnetic permeability of feebly magnetic materials (IEC 60404-15:2012)

EN 61869-2:2012

Instrument transformers – Part 2: Additional requirements for current transformers (IEC 61869-2:2012)

Međunarodna normizacija IEC

IEC 60688:2012

Electrical measuring transducers for converting A.C. and D.C. electrical quantities to analogue or digital signals

IEC 61340-4-10:2012

Electrostatics – Part 4-10: Standard test methods for specific applications – Two-point resistance measurement

IEC 62674-1:2012

High frequency inductive components – Part 1: Fixed surface mount inductors for use in electronic and telecommunication equipment

17.240 Mjerenja zračenja

Međunarodna normizacija ISO

ISO 11665-8:2012

Measurement of radioactivity in the environment – Air: radon-222 – Part 8: Methodologies for initial and additional investigations in buildings

ISO/ASTM 51276:2012

Practice for use of a polymethylmethacrylate dosimetry system

IEC

IEC 61674:2012

Medical electrical equipment – Dosimeters with ionization chambers and/or semiconductor detectors as used in X-ray diagnostic imaging

IEC 62755:2012

Radiation protection instrumentation – Data format for radiation instruments used in the detection of illicit trafficking of radioactive materials

19.040 Ispitivanje utjecaja okoliša

Europska normizacija IEC

IEC 60068-2-78:2012

Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state

19.080 Električna i elektronička ispitivanja

Europska normizacija CENELEC

EN 61010-2-032:2012

Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement (IEC 61010-2-032:2012)

19.100 Nerazorna ispitivanja

Europska normizacija CEN

EN 1369:2012

Founding – Magnetic particle testing

EN ISO 2400:2012

Non-destructive testing – Ultrasonic testing – Specification for calibration block No. 1 (ISO 2400:2012)

Međunarodna normizacija ISO

ISO 16809:2012

Non-destructive testing – Ultrasonic thickness measurement

21.100.10 Klizni ležajevi

Međunarodna normizacija ISO

ISO 4383:2012

Plain bearings – Multilayer materials for thin-walled plain bearings

ISO 4384-1:2012

Plain bearings – Hardness testing of bearing metals – Part 1: Multilayer bearings materials

ISO 4386-1:2012

Plain bearings – Metallic multilayer plain bearings – Part 1: Non-destructive ultrasonic testing of bond of thickness greater than or equal to 0,5 mm

ISO 4386-2:2012

Plain bearings – Metallic multilayer plain bearings – Part 2: Destructive testing of bond for bearing metal layer thicknesses greater than or equal to 2 mm

ISO 7148-1:2012

Plain bearings – Testing of the tribological behaviour of bearing materials – Part 1: Testing of bearing metals

ISO 7148-2:2012

Plain bearings – Testing of the tribological behaviour of bearing materials – Part 2: Testing of polymer-based bearing materials

21.220.10 Remenski pogon i njegovi sastavni dijelovi

Međunarodna normizacija ISO

ISO 9980:2012

Belt drives – Grooved pulleys for V-belts (system based on effective width) – Geometrical inspection of grooves

23.020.20 Posude i kontejneri ugrađeni na vozila

Europska normizacija CEN

EN 14116:2012
Tanks for transport of dangerous goods – Digital interface for product recognition devices for liquid fuels

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija CEN

CEN/TR 764-6:2012
Pressure equipment – Part 6: Structure and content of operating instructions

23.020.40 Kriogeničke posude

Međunarodna normizacija ISO

ISO 12991:2012
Liquefied natural gas (LNG) – Tanks for on-board storage as a fuel for automotive vehicles

23.040.10 Cijevi od lijevanog željeza i čelika

Europska normizacija CEN

EN ISO 3183:2012
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems (ISO 3183:2012)

Međunarodna normizacija ISO

ISO 3183:2012
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems

23.040.20 Plastične cijevi

Europska normizacija CEN

EN ISO 9080:2012
Plastics piping and ducting systems – Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation (ISO 9080:2012)

CEN ISO/TR 27165:2012
Thermoplastics piping systems – Guidance for definitions of wall constructions for pipes (ISO/TR 27165:2012)

Međunarodna normizacija ISO

ISO 9080:2012
Plastics piping and ducting systems – Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation

ISO 12176-1:2012
Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 1: Butt fusion

ISO 17467-1:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems jointed by solvent cement – Part 1: General

ISO 17467-2:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems jointed by solvent cement – Part 2: Pipes

ISO 17467-3:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems jointed by solvent cement – Part 3: Fittings

ISO/TR 27165:2012
Thermoplastics piping systems – Guidance for definitions of wall constructions for pipes

23.040.45 Plastične spojnice

Međunarodna normizacija ISO

ISO 12176-1:2012
Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 1: Butt fusion

ISO 17467-1:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems jointed by solvent cement – Part 1: General

ISO 17467-2:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems jointed by solvent cement – Part 2: Pipes

ISO 17467-3:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems jointed by solvent cement – Part 3: Fittings

23.040.70 Crijeva i crijevni sklopovi

Europska normizacija CEN

EN ISO 10380:2012
Pipework – Corrugated metal hoses and hose assemblies (ISO 10380:2012)

Međunarodna normizacija ISO

ISO 10380:2012
Pipework – Corrugated metal hoses and hose assemblies

ISO 18752:2012
Rubber hoses and hose assemblies – Wire- or textile-reinforced single-pressure types for hydraulic applications – Specification

23.080 Pumpe

Europska normizacija CEN

EN 16297-1:2012
Pumps – Rotodynamic pumps – Glandless circulators – Part 1: General requirements and procedures for testing and calculation of energy efficiency index (EEI)

EN 16297-2:2012
Pumps – Rotodynamic pumps – Glandless circulators – Part 2: Calculation of energy efficiency index (EEI) for standalone circulators

EN 16297-3:2012
Pumps – Rotodynamic pumps – Glandless circulators
– Part 3: Energy efficiency index (EEI) for circulators
integrated in products

23.100.40 Cijevovodi i spojnice

Međunarodna normizacija ISO

ISO 6772:2012
Aerospace – Fluid systems – Impulse testing of
hydraulic hose, tubing and fitting assemblies

23.140 Kompresori i pneumatski strojevi

Međunarodna normizacija ISO

ISO 3857-4:2012
Compressors, pneumatic tools and machines –
Vocabulary – Part 4: Air treatment

25.020 Proizvodni procesi

Međunarodna normizacija ISO

ISO 18436-1:2012
Condition monitoring and diagnostics of machines
– Requirements for qualification and assessment of
personnel – Part 1: Requirements for assessment
bodies and the assessment process

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija ISO

ISO 10303-233:2012
Industrial automation systems and integration –
Product data representation and exchange – Part 233:
Application protocol: Systems engineering

ISO 10303-239:2012
Industrial automation systems and integration –
Product data representation and exchange – Part 239:
Application protocol: Product life cycle support

IEC

IEC 62061:2005/am1:2012
Amendment 1 – Safety of machinery – Functional
safety of safety-related electrical, electronic and
programmable electronic control systems

IEC 62061 Edition 1.1:2012
Safety of machinery – Functional safety of safety-
related electrical, electronic and programmable
electronic control systems

25.100.01 Alati za rezanje općenito

Međunarodna normizacija ISO

ISO 513:2012
Classification and application of hard cutting
materials for metal removal with defined cutting
edges – Designation of the main groups and groups
of application

ISO 1832:2012
Indexable inserts for cutting tools – Designation

25.140.10 Pneumatski alati

Europska normizacija CEN

EN ISO 28927-12:2012
Hand-held portable power tools – Test methods for
evaluation of vibration emission – Part 12: Die grinders
(ISO 28927-12:2012)

Međunarodna normizacija ISO

ISO 28927-12:2012
Hand-held portable power tools – Test methods for
evaluation of vibration emission – Part 12: Die grinders

ISO 3857-4:2012
Compressors, pneumatic tools and machines –
Vocabulary – Part 4: Air treatment

25.140.30 Ručno pokretani alati

Europska normizacija CENELEC

EN 50109-2-2:1995/AC:2012
Hand crimping tools – Tools for the crimp termination
of electric cables and wires for low frequency and
radio frequency applications – Part 2-2: Particular
requirements for radio frequency connectors and
concentric contacts – Open throat tools with removable
and interchangeable dies, sizes A to G, Q to T, V and W

25.160.01 Zavarivanje, meko i tvrdo lemljenje općenito

Međunarodna normizacija ISO

ISO 24394:2008/Amd 1:2012
Welding for aerospace applications – Qualification test
for welders and welding operators – Fusion welding of
metallic components

25.160.30 Oprema za zavarivanje

Europska normizacija CEN

EN ISO 8205-3:2012
Water-cooled secondary connection cables for
resistance welding – Part 3: Test requirements
(ISO 8205-3:2012)

Međunarodna normizacija ISO

ISO 8205-3:2012
Water-cooled secondary connection cables for
resistance welding – Part 3: Test requirements

25.160.40 Zavareni spojevi i zavari

Europska normizacija CEN

EN ISO 4136:2012
Destructive tests on welds in metallic materials –
Transverse tensile test (ISO 4136:2012)

- EN ISO 9016:2012
Destructive tests on welds in metallic materials –
Impact tests – Test specimen location, notch orientation
and examination (ISO 9016:2012)
- EN ISO 13588:2012
Non-destructive testing of welds – Ultrasonic testing –
Use of automated phased array technology
(ISO 13588:2012)

Međunarodna normizacija ISO

- ISO 4136:2012
Destructive tests on welds in metallic materials –
Transverse tensile test
- ISO 9016:2012
Destructive tests on welds in metallic materials –
Impact tests – Test specimen location, notch orientation
and examination
- ISO 13588:2012
Non-destructive testing of welds – Ultrasonic testing –
Use of automated phased array technology

25.160.50 Tvrdo i meko lemljenje

Europska normizacija CEN

- EN ISO 9455-10:2012
Soft soldering fluxes – Test methods – Part 10: Flux
efficacy test, solder spread method
(ISO 9455-10:2012)

25.180.10 Električne peći

Međunarodna normizacija IEC

- IEC 60519-1:2010/Corr.1:2012
Safety in electroheating installations – Part 1: General
requirements; Corrigendum 1

25.220.20 Površinska obrada

Međunarodna normizacija ISO

- ISO 14188:2012
Metallic and other inorganic coatings – Test methods
for measuring thermal cycle resistance and thermal
shock resistance for thermal barrier coatings

27.010 Tehnika prijenosa energije i topline općenito

Međunarodna normizacija IEC

- IEC 62623:2012
Desktop and notebook computers – Measurement of
energy consumption

27.020 Motori s unutrašnjim izgaranjem

Međunarodna normizacija ISO

- ISO 4548-7:2012
Methods of test for full-flow lubricating oil filters for
internal combustion engines – Part 7: Vibration fatigue
test

27.040 Plinske i parne turbine. Parni strojevi

Europska normizacija CEN

- EN 12952-7:2012
Water-tube boilers and auxiliary installations – Part 7:
Requirements for equipment for the boiler
- EN 12952-18:2012
Water-tube boilers and auxiliary installations – Part 18:
Operating instructions

27.060.30 Kotlovi i izmjenjivači topline

Europska normizacija CEN

- EN 15502-2-1:2012
Gas-fired central heating boilers – Part 2-1: Specific
standard for type C appliances and type B2, B3 and
B5 appliances of a nominal heat input not exceeding
1 000 kW

27.070 Gorivi članci

Međunarodna normizacija IEC

- IEC 62282-6-100:2010/am1:2012
Fuel cell technologies – Part 6-100: Micro fuel cell
power systems – Safety
- IEC 62282-6-100 Edition 1.1:2012
Fuel cell technologies – Part 6-100: Micro fuel cell
power systems – Safety

27.080 Dizalice topline

Međunarodna normizacija ISO

- ISO 14903:2012
Refrigerating systems and heat pumps – Qualification
of tightness of components and joints

27.120.01 Nuklearna energija općenito

Europska normizacija CEN

- CWA 16519:2012
Design and Construction Code for mechanical
equipments of innovative nuclear installations

27.140 Hidroenergetika

Međunarodna normizacija IEC

- IEC 61850-7-410:2012
Communication networks and systems for power
utility automation – Part 7-410: Basic communication
structure – Hydroelectric power plants – Communication
for monitoring and control

27.160 Solarna energetika

Međunarodna normizacija

IEC

IEC 61730-2 Edition 1.1:2012
Photovoltaic (PV) module safety qualification – Part 2:
Requirements for testing

27.180 Sustavi vjetroagregata

Međunarodna normizacija

IEC

IEC 61400-11:2012
Wind turbines – Part 11: Acoustic noise measurement
techniques

27.200 Rashladna tehnologija (tehnika)

Međunarodna normizacija

ISO

ISO 14903:2012
Refrigerating systems and heat pumps – Qualification
of tightness of components and joints

29.020 Elektrotehnika općenito

Europska normizacija

CENELEC

EN 60695-11-3:2012
Fire hazard testing – Part 11-3: Test flames – 500 W
flames – Apparatus and confirmational test methods
(IEC 60695-11-3:2012)

EN 62551:2012
Analysis techniques for dependability – Petri net
techniques (IEC 62551:2012)

EN 82079-1:2012
Preparation of instructions for use – Structuring,
content and presentation – Part 1: General principles
and detailed requirements (IEC 82079-1:2012)

Međunarodna normizacija

IEC

IEC 62061:2005/am1:2012
Amendment 1 – Safety of machinery – Functional
safety of safety-related electrical, electronic and
programmable electronic control systems

IEC 62061 Edition 1.1:2012
Safety of machinery – Functional safety of safety-
related electrical, electronic and programmable
electronic control systems

IEC 62551:2012
Analysis techniques for dependability – Petri net
techniques

29.030 Magnetni materijali

Europska normizacija

CENELEC

EN 60404-15:2012
Magnetic materials – Part 15: Methods for the
determination of the relative magnetic permeability of
feebly magnetic materials

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija

IEC

IEC 60893-3-4:2003/am1:2012
Amendment 1 – Insulating materials – Industrial rigid
laminated sheets based on thermosetting resins for
electrical purposes – Part 3-4: Specifications for
individual materials – Requirements for rigid laminated
sheets based on phenolic resins

IEC 60893-3-4 Edition 2.1:2012
Insulating materials – Industrial rigid laminated sheets
based on thermosetting resins for electrical purposes
– Part 3-4: Specifications for individual materials –
Requirements for rigid laminated sheets based on
phenolic resins

29.100.10 Magnetski sastavni dijelovi

Međunarodna normizacija

IEC

IEC 62358:2012
Ferrite cores – Standard inductance factor for gapped
cores and its tolerance

IEC/TS 62647-1:2012
Process management for avionics – Aerospace and
defence electronic systems containing lead-free solder
– Part 1: Preparation for a lead-free control plan

29.100.20 Električki i elektromehanički sastavni dijelovi

Međunarodna normizacija

IEC

IEC 61360-2:2012
Standard data element types with associated
classification scheme for electric components – Part 2:
EXPRESS dictionary schema

29.120.40 Sklopke

Europska normizacija

CENELEC

EN 50152-1:2012
Railway applications – Fixed installations – Particular
requirements for alternating current switchgear – Part 1:
Circuit-breakers with nominal voltage above 1 kV

EN 50152-2:2012
Railway applications – Fixed installations – Particular
requirements for alternating current switchgear –
Part 2: Disconnectors, earthing switches and switches
with nominal voltage above 1 kV

Međunarodna normizacija

IEC

IEC 60669-2-1 Interpretation Sheet 2:2012
Switches for household and similar fixed electrical
installations – Part 2-1: Particular requirements –
Electronic switches

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija CENELEC

- EN 61008-1:2004/A13:2012/AC:2012
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules
- EN 61009-1:2004/A14:2012/AC:2012
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Međunarodna normizacija IEC

- IEC/IEEE 62271-37-082:2012
High-voltage switchgear and controlgear – Part 37-082: Standard practice for the measurement of sound pressure levels on alternating current circuit-breakers
- IEC 62271-101:2012
High-voltage switchgear and controlgear – Part 101: Synthetic testing
- IEC 62271-110:2012/Corr.1:2012
High-voltage switchgear and controlgear – Part 110: Inductive load switching

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Međunarodna normizacija IEC

- IEC 61439-4:2012
Low-voltage switchgear and controlgear assemblies – Part 4: Particular requirements for assemblies for construction sites (ACS)

29.140.10 Kape i držači svjetiljki

Europska normizacija CENELEC

- EN 60061-1:1993/A48:2012
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/A48:2012)
- EN 60061-2:1993/A45:2012
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/A45:2012)
- EN 60061-3:1993/A46:2012
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/A46:2012)

Međunarodna normizacija IEC

- IEC 60061-1:1969/am48:2012
Amendment 48 – Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps

- IEC 60061-2:1969/am45:2012
Amendment 45 – Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders
- IEC 60061-3:1969/am46:2012
Amendment 46 – Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Europska normizacija IEC

- IEC 61195:1999/am1:2012
Amendment 1 – Double-capped fluorescent lamps – Safety specifications
- IEC 61195 Edition 2.1:2012
Double-capped fluorescent lamps – Safety specifications

29.140.99 Ostale norme koje se odnose na svjetiljke

Međunarodna normizacija IEC

- IEC 61347-1:2007/am2:2012
Amendment 2 – Lamp controlgear – Part 1: General and safety requirements
- IEC 61347-1 Edition 2.2:2012
Lamp controlgear – Part 1: General and safety requirements
- IEC 61347-2-9:2012
Lamp controlgear – Part 2-9: Particular requirements for electromagnetic controlgear for discharge lamps (excluding fluorescent lamps)
- IEC 62031:2008/am1:2012
LED modules for general lighting – Safety specifications
- IEC 62031 Edition 1.1:2012
LED modules for general lighting – Safety specifications

29.160.40 Električni agregati

Međunarodna normizacija IEC

- IEC 62040-2:2005/Corr.1:2011
Uninterruptible power systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements

29.180 Transformatori. Prigušnice

Međunarodna normizacija IEC

- IEC 61558-2-14:2012
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-14: Particular requirements and tests for variable transformers and power supply units incorporating variable transformers

29.220.10 Primarni članci i baterije

Međunarodna normizacija IEC

- IEC 60086-3:2011/Corr.1:2012
Primary batteries – Part 3: Watch batteries

29.220.20 Kiseli sekundarni članci i baterije

Međunarodna normizacija IEC

IEC 61056-2:2012/Corr.1:2012
General purpose lead-acid batteries (valve-regulated types) – Part 2: Dimensions, terminals and marking

29.240.01 Mreže za prijenos i razdiobu električne energije općenito

Europska normizacija CEN/CENELEC

HD 60364-7-705:2007/A11:2012
Low-voltage electrical installations – Part 7-705: Requirements for special installations or locations – Agricultural and horticultural premises

29.240.20 Vodovi za prijenos i razdiobu električne energije

Međunarodna normizacija IEC

IEC 62488-1:2012
Power line communication systems for power utility applications – Part 1: Planning of analogue and digital power line carrier systems operating over EHV/HV/MV electricity grids

29.260.20 Električni uređaji za eksplozivnu atmosferu

Europska normizacija CEN

EN 13237:2012
Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

Međunarodna normizacija IEC

IEC 60079-0:2011/Corr.1:2012
Explosive atmospheres – Part 0: Equipment – General requirements
IEC 60079-29-1 Interpretation Sheet 1:2009
Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases – Interpretation Sheet 1

29.280 Oprema za električnu vuču

Europska normizacija CENELEC

EN 50122-1:2011/AC:2012
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 1: Protective provisions against electric shock
EN 50152-1:2012
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 1: Circuit-breakers with nominal voltage above 1 kV

EN 50152-2:2012
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 2: Disconnectors, earthing switches and switches with nominal voltage above 1 kV

EN 50317:2012/AC:2012
Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

31.020 Elektronički sastavni dijelovi općenito

Međunarodna normizacija IEC

IEC 61360-2:2012
Standard data element types with associated classification scheme for electric components – Part 2: EXPRESS dictionary schema

31.060.10 Nepromjenjivi kondenzatori

Europska normizacija CENELEC

EN 61881-3:2012
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012)

31.060.50 Aluminijski elektrolitski kondenzatori

Europska normizacija CENELEC

EN 61881-2:2012
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 2: Aluminium electrolytic capacitors with non solid electrolyte (IEC 61881-2:2012)

31.080.01 Poluvodičke naprave općenito

Europska normizacija CENELEC

EN 60749-27:2006/A1:2012
Semiconductor devices – Mechanical and climatic test methods – Part 27: Electrostatic discharge (ESD) sensitivity testing – Machine model (MM)

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija IEC

IEC 61747-5-3:2009/Corr.1:2012
Liquid crystal display devices – Part 5-3: Environmental, endurance and mechanical test methods – Glass strength and reliability

31.140 Piezoelektrične naprave

Međunarodna normizacija IEC

- IEC 62276:2012
Single crystal wafers for surface acoustic wave (SAW) device applications – Specifications and measuring methods

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

- IEC 61249-2-27:2012
Materials for printed boards and other interconnecting structures – Part 2-27: Reinforced base materials clad and unclad – Bismaleimide/triazine modified with non-halogenated epoxide woven glass laminate sheets of defined flammability (vertical burning test), copper-clad
- IEC 61249-2-30:2012
Materials for printed boards and other interconnecting structures – Part 2-30: Reinforced base materials clad and unclad – Non-halogenated epoxide modified cyanate ester woven glass laminate of defined flammability (vertical burning test), copper-clad
- IEC 61249-2-39:2012
Materials for printed boards and other interconnecting structures – Part 2-39: Reinforced base materials clad and unclad – High performance epoxide and non-epoxide, woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly
- IEC 61249-2-40:2012
Materials for printed boards and other interconnecting structures – Part 2-40: Reinforced base materials, clad and unclad – High performance, non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

31.220.10 Utikačke i utičničke naprave. Konektori

Europska normizacija CENELEC

- EN 60512-99-001:2012
Connectors for electronic equipment – Tests and measurements – Part 99-001: Test schedule for engaging and separating connectors under electrical load – Test 99a: Connectors used in twisted pair communication cabling with remote power (IEC 60512-99-001:2012)

31.240 Mehaničke konstrukcije za elektroničku opremu

Europska normizacija CENELEC

- EN 61587-4:2012
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 4: Combination of performance levels for modular cabinets (IEC 61587-4:2012)

Međunarodna normizacija IEC

- IEC 60191-2:1966/am19:2012
Amendment 19 – Mechanical standardization of semiconductor devices – Part 2: Dimensions

31.260 Optoelektronika. Laserska oprema

Europska normizacija CENELEC

- EN 62341-6-3:2012
Organic light emitting diode (OLED) displays – Part 6-3: Measuring methods of image quality (IEC 62341-6-3:2012)

33.020 Telekomunikacije općenito

Europska normizacija ETSI

- ETSI SR 000 314 V2.13.1:2012
Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija ETSI

- ETSI TS 102 853 V1.1.2:2012
Electronic Signatures and Infrastructures (ESI) – Signature validation procedures and policies
- ETSI TS 103 172 V2.2.1:2012
Electronic Signatures and Infrastructures (ESI) – PADES Baseline Profile
- ETSI ES 200 381-1 V1.2.1:2012
Telephony for hearing impaired people – Inductive coupling of telephone earphones to hearing aids – Part 1: Fixed-line speech terminals
- ETSI ES 200 381-2 V1.1.1:2012
Telephony for hearing impaired people – Inductive coupling of telephone earphones to hearing aids – Part 2: Cellular speech terminals
- ETSI ES 202 396-1 V1.4.1:2012
Speech and multimedia Transmission Quality (STQ) – Speech quality performance in the presence of background noise – Part 1: Background noise simulation technique and background noise database
- ETSI TS 102 042 V2.3.1:2012
Electronic Signatures and Infrastructures (ESI) – Policy requirements for certification authorities issuing public key certificates
- ETSI TR 102 505 V1.3.1:2012
Speech and multimedia Transmission Quality (STQ) – Development of a Reference Web page
- ETSI TR 102 532 V1.2.1:2012
Environmental Engineering (EE) – The use of alternative energy solutions in telecommunication installations
- ETSI TR 103 116 V1.1.1:2012
Environmental Engineering (EE) – Practical verification of ETSI TS 102 706 V1.2.1
- ETSI TR 103 117 V1.1.1:2012
Environmental Engineering (EE) – Principles for Mobile Network level energy efficiency

- ETSI TR 103 123 V1.1.1:2012
Electronic Signatures and Infrastructures (ESI) –
Guidance for Auditors and CSPs on ETSI TS 102 042
for Issuing Publicly-Trusted TLS/SSL Certificates
- ETSI TR 103 125 V1.1.1:2012
CLOUD – SLAs for Cloud services
- ETSI TR 103 126 V1.1.1:2012
CLOUD – Cloud private-sector user recommendations

33.040.35 Telefonske mreže

Europska normizacija

ETSI

- ETSI TS 102 657 V1.10.1:2012
Lawful Interception (LI) – Retained data handling –
Handover interface for the request and delivery of
retained data
- ETSI TS 102 232-1 V3.2.1:2012
Lawful Interception (LI) – Handover Interface and
Service-Specific Details (SSD) for IP delivery –
Part 1: Handover specification for IP delivery
- ETSI TS 102 232-2 V3.3.1:2012
Lawful Interception (LI) – Handover Interface and
Service-Specific Details (SSD) for IP delivery – Part 2:
Service-specific details for messaging services
- ETSI TS 102 657 V1.11.1:2012
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 102 990 V1.1.1:2012
Media Content Distribution (MCD) – CDN
Interconnection, use cases and requirements

Međunarodna normizacija

IEC

- IEC 61850-7-410:2012
Communication networks and systems for power
utility automation – Part 7-410: Basic communication
structure – Hydroelectric power plants – Communication
for monitoring and control

33.040.60 Telekomunikacije putem elektroenergetskih vodova

Europska normizacija

ETSI

- ETSI TR 101 562-2 V1.3.1:2012
PowerLine Telecommunications (PLT) – MIMO PLT
– Part 2: Setup and Statistical Results of MIMO PLT
EMI Measurements

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija

ETSI

- ETSI TS 101 588-1 V5.1.1:2012
IMS Network Testing (INT) – Completion of
Communications to Busy Subscriber (CCBS) and
Completion of Communications by No Reply (CCNR)
using IP Multimedia (IM) Core Network (CN) subsystem

– Conformance Test Specification – Part 1: Protocol
Implementation Conformance Statement (PICS)

ETSI TS 101 588-2 V5.1.1:2012

IMS Network Testing (INT) – Completion of
Communications to Busy Subscriber (CCBS) and
Completion of Communications by No Reply (CCNR)
using IP Multimedia (IM) Core Network (CN) subsystem
– Conformance Test Specification – Part 2: Test Suite
Structure and Test Purposes (TSS&TP)

ETSI TS 101 591 V1.1.1:2012

IMS Network Testing (INT) – SS7 Message Transfer
Part 2 – User Peer-to-Peer Adaptation Layer (M2PA)
– (IETF RFC 4165) – Test Suite Structure and Test
Purposes (TSS&TP) Conformance Testing

ETSI TS 101 592 V1.1.1:2012

IMS Network Testing (INT) – Signalling Connection
Control Part User Adaptation Layer (SUA) – (IETF
RFC 3868) – Test Suite Structure and Test Purposes
(TSS&TP) Conformance testing

ETSI TS 101 594-1 V5.1.1:2012

IMS Network Testing (INT) – Explicit Communication
Transfer (ECT) using IP Multimedia (IM) Core Network
(CN) subsystem – Conformance Test Specification
– Part 1: Protocol Implementation Conformance
Statement (PICS)

ETSI TS 101 594-2 V5.1.1:2012

IMS Network Testing (INT) – Explicit Communication
Transfer (ECT) using IP Multimedia (IM) Core Network
(CN) subsystem – Conformance Test Specification
– Part 2: Test Suite Structure and Test Purposes
(TSS&TP)

ETSI TS 101 595-1 V5.1.1:2012

IMS Network Testing (INT) – Malicious Communication
Identification (MCID) using IP Multimedia (IM) Core
Network (CN) subsystem – Conformance Test
Specification – Part 1: Protocol Implementation
Conformance Statement (PICS)

ETSI TS 101 595-2 V5.1.1:2012

IMS Network Testing (INT) – Malicious Communication
Identification (MCID) using IP Multimedia (IM) Core
Network (CN) subsystem – Conformance Test
Specification – Part 2: Test Suite Structure and Test
Purposes (TSS&TP)

ETSI TS 101 596-1 V5.1.1:2012

IMS Network Testing (INT) – Terminating Identification
Presentation (TIP) and Terminating Identification
Restriction (TIR) using IP Multimedia (IM) Core
Network (CN) subsystem – Conformance Test
Specification – Part 1: Protocol Implementation
Conformance Statement (PICS)

ETSI TS 101 596-2 V5.1.1:2012

IMS Network Testing (INT) – Terminating Identification
Presentation (TIP) and Terminating Identification
Restriction (TIR) using IP Multimedia (IM) Core
Network (CN) subsystem – Conformance Test
Specification – Part 2: Test Suite Structure and Test
Purposes (TSS&TP)

ETSI TS 186 017-1 V5.1.1:2012

IMS Network Testing (INT) – Anonymous
Communication Rejection (ACR) and Communication
Barring (CB) using IP Multimedia (IM) Core Network
(CN) subsystem 3GPP Release 10 – Conformance
Testing Specification – Part 1: Protocol Implementation
Conformance Statement (PICS)

ETSI TS 186 017-2 V5.1.1:2012

IMS Network Testing (INT) – Anonymous
Communication Rejection (ACR) and Communication
Barring (CB) using IP Multimedia (IM) Core Network
(CN) subsystem – Conformance Test Specification
– Part 2: Test Suite Structure and Test Purposes
(TSS&TP)

- ETSI TS 186 025-3 V1.1.1:2012
IMS Network Testing (INT) – IMS/PES Performance
Benchmark – Part 3: Traffic Sets and Traffic Profiles
- ETSI TS 186 008-1 V1.2.1:2012
IMS Network Testing (INT) – IMS/NGN Performance
Benchmark – Part 1: Core Concepts

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

ETSI

- ETSI EN 301 489-4 V2.1.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – ElectroMagnetic Compatibility (EMC)
standard for radio equipment and services – Part 4:
Specific conditions for fixed radio links and ancillary
equipment
- ETSI EN 301 908-18 V6.2.1:2012
IMT cellular networks – Harmonized EN covering the
essential requirements of article 3.2 of the R&TTE
Directive – Part 18: E-UTRA, UTRA and GSM/EDGE
Multi-Standard Radio (MSR) Base Station (BS)
- ETSI TR 102 907 V1.2.1:2012
Reconfigurable Radio Systems (RRS) – Use Cases for
Operation in White Space Frequency Bands

33.060.40 Kabelski distribucijski sustavi

Europska normizacija

ETSI

- ETSI TR 102 877 V1.2.1:2012
Access, Terminals, Transmission and Multiplexing
(ATTM) – Energy Efficiency of Energy Related
Products (ErPs) with regards to their Ecodesign
Requirements – Network Apparatus and Customer
Premises Equipment relating to Cable Network
Operator's Services

33.070.10 Terestrijalni trunking radio (TETRA)

Europska normizacija

ETSI

- ETSI EN 300 394-1 V3.2.1:2012
Terrestrial Trunked Radio (TETRA) – Conformance
testing specification – Part 1: Radio

33.070.40 Sateliti

Europska normizacija

ETSI

- ETSI TR 103 183 V1.1.1:2012
Satellite Earth Stations and Systems (SES) –
Global Navigation Satellite Systems (GNSS) based
applications and standardisation needs

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija

ETSI

- EN 300 609-4 V10.2.1:2012
Global System for Mobile communications (GSM) –
Part 4: Harmonized EN for GSM Repeaters covering
the essential requirements of article 3.2 of the R&TTE
Directive

- EN 301 502 V10.2.1:2012
Global System for Mobile communications (GSM) –
Harmonized EN for Base Station Equipment covering
the essential requirements of article 3.2 of the R&TTE
Directive

- ETSI TR 121 905 V11.2.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Vocabulary for 3GPP Specifications
(3GPP TR 21.905 version 11.2.0 Release 11)

- ETSI TS 122 001 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Principles of circuit telecommunication services
supported by a Public Land Mobile Network (PLMN)
(3GPP TS 22.001 version 11.0.0 Release 11)

- ETSI TS 122 002 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Circuit Bearer Services (BS) supported by a Public
Land Mobile Network (PLMN)
(3GPP TS 22.002 version 11.0.0 Release 11)

- ETSI TS 122 003 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Circuit Teleservices supported by a Public Land
Mobile Network (PLMN)
(3GPP TS 22.003 version 11.0.0 Release 11)

- ETSI TS 122 016 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – International Mobile station Equipment
Identities (IMEI)
(3GPP TS 22.016 version 11.0.0 Release 11)

- ETSI TS 122 022 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Personalisation of Mobile Equipment (ME) –
Mobile functionality specification
(3GPP TS 22.022 version 11.0.0 Release 11)

- ETSI TS 122 024 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Description of Charge Advice Information (CAI)
(3GPP TS 22.024 version 11.0.0 Release 11)

- ETSI TS 122 030 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Man-Machine Interface (MMI) of the User
Equipment (UE)
(3GPP TS 22.030 version 11.0.0 Release 11)

- ETSI TS 122 031 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – 3G Security – Fraud Information Gathering
System (FIGS) – Service description – Stage 1
(3GPP TS 22.031 version 11.0.0 Release 10)

- ETSI TS 122 032 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Immediate Service Termination (IST) – Service
description – Stage 1
(3GPP TS 22.032 version 11.0.0 Release 11)

- ETSI TS 122 034 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– High Speed Circuit Switched Data (HSCSD) – Stage
1 (3GPP TS 22.034 version 11.0.0 Release 11)

- ETSI TS 122 038 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – (U)SIM Application Toolkit (USAT) – Service
description – Stage 1
(3GPP TS 22.038 version 11.0.0 Release 11)

- ETSI TS 122 041 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 11.0.0 Release 11)
- ETSI TS 122 042 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network Identity and TimeZone (NITZ) – Service description – Stage 1 (3GPP TS 22.042 version 11.0.0 Release 11)
- ETSI TS 122 053 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 1 (3GPP TS 22.053 version 11.0.0 Release 11)
- ETSI TS 122 057 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 060 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 066 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 071 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Service description – Stage 1 (3GPP TS 22.071 version 11.0.0 Release 11)
- ETSI TS 122 072 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) service description – Stage 1 (3GPP TS 22.072 version 11.0.0 Release 11)
- ETSI TS 122 076 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 078 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customized Applications for Mobile network Enhanced Logic (CAMEL) – Service description – Stage 1 (3GPP TS 22.078 version 11.0.0 Release 11)
- ETSI TS 122 079 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Optimal Routing (SOR) – Service definition – Stage 1 (3GPP TS 22.079 version 11.0.0 Release 11)
- ETSI TS 122 083 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 084 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – MultiParty (MPPTY) supplementary service – Stage 1 (3GPP TS 22.084 version 11.0.0 Release 11)
- ETSI TS 122 086 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 1 (3GPP TS 22.086 version 11.0.0 Release 11)
- ETSI TS 122 087 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 090 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 1 (3GPP TS 22.090 version 11.0.0 Release 11)
- ETSI TS 122 091 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 1 (3GPP TS 22.091 version 11.0.0 Release 11)
- ETSI TS 122 093 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 094 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Follow Me service description – Stage 1 (3GPP TS 22.094 version 11.0.0 Release 11)
- ETSI TS 122 096 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name identification supplementary services – Stage 1 (3GPP TS 22.096 version 11.0.0 Release 11)
- ETSI TS 122 097 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 129 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 135 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Multicall – Service description – Stage 1 (3GPP TS 22.135 version 11.0.0 Release 11)
- ETSI TS 122 140 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Messaging Service (MMS) – Stage 1 (3GPP TS 22.140 version 11.0.0 Release 11)
- ETSI TS 122 141 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Stage 1 (3GPP TS 22.141 version 11.0.0 Release 11)

- ETSI TS 122 142 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Value Added Services (VAS) for Short Message Service (SMS) requirements (3GPP TS 22.142 version 11.0.0 Release 11)
- ETSI TS 122 174 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Push Service – Service aspects – Stage 1 (3GPP TS 22.174 version 11.0.0 Release 11)
- ETSI TS 122 182 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Customized Alerting Tones (CAT) requirements – Stage 1 (3GPP TS 22.182 version 11.0.0 Release 11)
- ETSI TS 122 183 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customized Ringing Signal (CRS) requirements – Stage 1 (3GPP TS 22.183 version 11.0.0 Release 11)
- ETSI TS 122 226 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Global Text Telephony (GTT) – Stage 1 (3GPP TS 22.226 version 11.0.0 Release 11)
- ETSI TS 122 233 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 234 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 240 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 242 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Digital Rights Management (DRM) – Stage 1 (3GPP TS 22.242 version 11.0.0 Release 11)
- ETSI TS 122 243 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 246 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 250 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 259 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 122 279 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions – Stage 1 (3GPP TS 22.279 version 11.0.0 Release 11)
- ETSI TS 122 340 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging – Stage 1 (3GPP TS 22.340 version 11.0.0 Release 11)
- ETSI TR 122 903 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on Videotelephony teleservice (3GPP TR 22.903 version 11.0.0 Release 11)
- ETSI TR 122 908 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Study on Paging Permission with Access Control (PPAC) (3GPP TR 22.908 version 11.0.0 Release 11)
- ETSI TR 122 912 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 122 934 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 122 935 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 122 936 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multi-system terminals (3GPP TR 22.936 version 11.0.0 Release 11)
- ETSI TR 122 937 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Requirements for service continuity between mobile and Wireless Local Area Network (WLAN) networks (3GPP TR 22.937 version 11.0.0 Release 11)
- ETSI TR 122 940 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging (3GPP TR 22.940 version 11.0.0 Release 11)
- ETSI TR 122 942 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 122 944 V11.0.0:2012
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 11.0.0 Release 11)

- ETSI TR 122 947 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Study on Personal Broadcast Service (PBS)
(3GPP TR 22.947 version 11.0.0 Release 11)
- ETSI TR 122 948 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 122 949 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Study on a generalized privacy capability
(3GPP TR 22.949 version 11.0.0 Release 11)
- ETSI TR 122 950 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Priority service feasibility study
(3GPP TR 22.950 version 11.0.0 Release 11)
- ETSI TR 122 951 V11.0.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Service aspects and requirements
for network sharing
(3GPP TR 22.951 version 11.0.0 Release 11)
- ETSI TR 122 952 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Priority service guide
(3GPP TR 22.952 version 11.0.0 Release 11)
- ETSI TR 122 953 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Multimedia priority service feasibility study
(3GPP TR 22.953 version 11.0.0 Release 11)
- ETSI TR 122 967 V11.0.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Transferring of emergency call data
(3GPP TR 22.967 version 11.0.0 Release 11)
- ETSI TR 122 968 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 122 973 V11.0.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IMS Multimedia Telephony service –
and supplementary services
(3GPP TR 22.973 version 11.0.0 Release 11)
- ETSI TR 122 977 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Feasibility study for speech-enabled services
(3GPP TR 22.977 version 11.0.0 Release 11)
- ETSI TR 122 978 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – All-IP network (AIPN) feasibility study
(3GPP TR 22.978 version 11.0.0 Release 11)
- ETSI TR 122 979 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 122 980 V11.0.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Network composition feasibility study
(3GPP TR 22.980 version 11.0.0 Release 11)
- ETSI TR 122 982 V11.0.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Study of Customised Alerting Tone
(CAT) requirements
(3GPP TR 22.982 version 11.0.0 Release 11)
- ETSI TR 122 983 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Services alignment and migration
(3GPP TR 22.983 version 11.0.0 Release 11)
- ETSI TR 122 985 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Service requirements for the User Data Convergence
(UDC) (3GPP TR 22.985 version 11.0.0 Release 11)
- ETSI TR 122 986 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Study on Service Specific Access Control
(3GPP TR 22.986 version 11.0.0 Release 11)
- ETSI TR 122 986 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Study on Service Specific Access Control
(3GPP TR 22.986 version 11.0.0 Release 11)
- ETSI TR 122 987 V11.0.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Study of haptic services requirements
(3GPP TR 22.987 version 11.0.0 Release 11)
- ETSI TS 123 003 V11.3.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Numbering, addressing and identification
(3GPP TS 23.003 version 11.3.0 Release 11)
- ETSI TS 123 007 V11.3.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Restoration procedures
(3GPP TS 23.007 version 11.3.0 Release 11)
- ETSI TS 123 008 V11.5.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Organization of subscriber data
(3GPP TS 23.008 version 11.5.0 Release 11)
- ETSI TS 123 009 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Handover procedures
(3GPP TS 23.009 version 11.1.0 Release 11)
- ETSI TS 123 011 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Technical realization of Supplementary Services
(3GPP TS 23.011 version 11.0.0 Release 11)
- ETSI TS 123 012 V11.1.1:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Location management procedures
(3GPP TS 23.012 version 11.1.1 Release 11)
- ETSI TS 123 014 V11.0.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – Support of Dual Tone Multi-Frequency
(DTMF) signalling
(3GPP TS 23.014 version 11.0.0 Release 11)

- ETSI TS 123 015 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Operator Determined Barring (ODB)
(3GPP TS 23.015 version 11.0.0 Release 11)
- ETSI TS 123 016 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Subscriber data management – Stage 2
(3GPP TS 23.016 version 11.0.0 Release 11)
- ETSI TS 123 031 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 034 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – High Speed Circuit Switched Data (HSCSD) – Stage 2
(3GPP TS 23.034 version 11.0.0 Release 11)
- ETSI TS 123 035 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Immediate Service Termination (IST) – Stage 2
(3GPP TS 23.035 version 11.0.0 Release 11)
- ETSI TS 123 038 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Alphabets and language-specific information
(3GPP TS 23.038 version 11.0.0 Release 11)
- ETSI TS 123 040 V11.3.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of the Short Message Service (SMS)
(3GPP TS 23.040 version 11.3.0 Release 11)
- ETSI TS 123 041 V8.10.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS)
(3GPP TS 23.041 version 8.10.0 Release 8)
- ETSI TS 123 041 V9.10.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS)
(3GPP TS 23.041 version 9.10.0 Release 9)
- ETSI TS 123 041 V10.5.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS)
(3GPP TS 23.041 version 10.5.0 Release 10)
- ETSI TS 123 041 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS)
(3GPP TS 23.041 version 11.4.0 Release 11)
- ETSI TS 123 042 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Compression algorithm for text messaging services
(3GPP TS 23.042 version 11.0.0 Release 11)
- ETSI TS 123 053 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 2
(3GPP TS 23.053 version 11.0.0 Release 11)
- ETSI TS 123 086 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 2
(3GPP TS 23.086 version 11.0.0 Release 11)
- ETSI TS 123 087 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 090 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 2
(3GPP TS 23.090 version 11.0.0 Release 11)
- ETSI TS 123 091 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 2
(3GPP TS 23.091 version 11.0.0 Release 11)
- ETSI TS 123 093 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 094 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Follow-Me (FM) – Stage 2
(3GPP TS 23.094 version 11.0.0 Release 11)
- ETSI TS 123 096 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name identification supplementary services – Stage 2 (3GPP TS 23.096 version 11.0.0 Release 11)
- ETSI TS 123 097 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multiple Subscriber Profile (MSP) (Phase X) – Stage 2
(3GPP TS 23.097 version 11.0.0 Release 11)
- ETSI TS 123 116 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Super-Charger technical realization – Stage 2
(3GPP TS 23.116 version 11.0.0 Release 11)
- ETSI TS 123 119 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Gateway Location Register (GLR) – Stage2
(3GPP TS 23.119 version 11.0.0 Release 11)
- ETSI TS 123 122 V11.3.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode
(3GPP TS 23.122 version 11.3.0 Release 11)
- ETSI TS 123 135 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Multicall supplementary service – Stage 2
(3GPP TS 23.135 version 11.0.0 Release 11)
- ETSI TS 123 146 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Technical realization of facsimile Group 3 non-transparent
(3GPP TS 23.146 version 11.0.0 Release 11)

- ETSI TS 123 172 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 202 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Circuit switched data bearer services
(3GPP TS 23.202 version 11.0.0 Release 11)
- ETSI TS 123 218 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) session handling – IM call model – Stage 2
(3GPP TS 23.218 version 11.4.0 Release 11)
- ETSI TS 123 259 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Procedures and information flows – Stage 2
(3GPP TS 23.259 version 11.0.0 Release 11)
- ETSI TS 123 284 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Local Call Local Switch (LCLS) – Stage 2
(3GPP TS 23.284 version 11.0.0 Release 11)
- ETSI TS 123 335 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 002 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – GSM – UMTS Public Land Mobile Network (PLMN) Access Reference Configuration
(3GPP TS 24.002 version 11.0.0 Release 11)
- ETSI TS 124 011 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface
(3GPP TS 24.011 version 11.1.0 Release 11)
- ETSI TS 124 022 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 109 V11.1.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details
(3GPP TS 24.109 version 11.1.0 Release 11)
- ETSI TS 124 139 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Stage 3
(3GPP TS 24.139 version 11.0.0 Release 11)
- ETSI TS 124 141 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Presence service using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3
(3GPP TS 24.141 version 11.0.0 Release 11)
- ETSI TS 124 166 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 173 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IMS Multimedia telephony communication service and supplementary services – Stage 3
(3GPP TS 24.173 version 11.4.0 Release 11)
- ETSI TS 124 182 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT) – Protocol specification
(3GPP TS 24.182 version 11.0.0 Release 11)
- ETSI TS 124 216 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Communication Continuity Management Object (MO)
(3GPP TS 24.216 version 11.0.0 Release 11)
- ETSI TS 124 237 V9.12.0:2012
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 9.12.0 Release 9)
- ETSI TS 124 237 V10.8.0:2012
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 10.8.0 Release 10)
- ETSI TS 124 237 V11.4.0:2012
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 11.4.0 Release 11)
- ETSI TS 124 239 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 247 V8.10.0:2012
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 8.10.0 Release 8)
- ETSI TS 124 247 V9.7.0:2012
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 9.7.0 Release 9)
- ETSI TS 124 247 V10.4.0:2012
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 10.4.0 Release 10)
- ETSI TS 124 247 V11.1.0:2012
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 11.1.0 Release 11)

- ETSI TS 124 279 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Combining Circuit Switched (CS) and IP
Multimedia Subsystem (IMS) services – Stage 3
(3GPP TS 24.279 version 11.0.0 Release 11)
- ETSI TS 124 285 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Allowed Closed Subscriber Group (CSG) list
– Management Object (MO)
(3GPP TS 24.285 version 11.0.0 Release 11)
- ETSI TS 124 286 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 292 V8.14.0:2012
Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Core Network
(CN) subsystem Centralized Services (ICS) – Stage 3
(3GPP TS 24.292 version 8.14.0 Release 8)
- ETSI TS 124 292 V9.12.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Core Network
(CN) subsystem Centralized Services (ICS) – Stage 3
(3GPP TS 24.292 version 9.12.0 Release 9)
- ETSI TS 124 292 V10.8.0:2012
Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Core Network
(CN) subsystem Centralized Services (ICS) – Stage 3
(3GPP TS 24.292 version 10.8.0 Release 10)
- ETSI TS 124 292 V11.2.0:2012
Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Core Network
(CN) subsystem Centralized Services (ICS) – Stage 3
(3GPP TS 24.292 version 11.2.0 Release 11)
- ETSI TS 124 294 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 301 V10.8.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Non-Access-Stratum (NAS) protocol for
Evolved Packet System (EPS) – Stage 3
(3GPP TS 24.301 version 10.8.0 Release 10)
- ETSI TS 124 301 V11.4.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Non-Access-Stratum (NAS) protocol for
Evolved Packet System (EPS) – Stage 3
(3GPP TS 24.301 version 11.4.0 Release 11)
- ETSI TS 124 302 V11.4.0:2012
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 11.4.0 Release 11)
- ETSI TS 124 304 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 312 V11.4.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Access Network Discovery and Selection
Function (ANDSF) Management Object (MO)
(3GPP TS 24.312 version 11.4.0 Release 11)
- ETSI TS 124 323 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – 3GPP IP Multimedia Subsystem (IMS) service
level tracing Management Object (MO)
(3GPP TS 24.323 version 11.0.0 Release 11)
- ETSI TS 124 337 V10.5.0:2012
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 10.5.0 Release 10)
- ETSI TS 124 337 V11.2.0:2012
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 11.2.0 Release 11)
- ETSI TS 124 368 V11.2.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Non-Access Stratum (NAS) configuration
Management Object (MO)
(3GPP TS 24.368 version 11.2.0 Release 11)
- ETSI TS 124 390 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 503 V8.13.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – TISPA – 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 8.13.0 Release 8)
- ETSI TS 124 604 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Communication Diversion (CDIV) using IP
Multimedia (IM) Core Network (CN) subsystem –
Protocol specification
(3GPP TS 24.604 version 11.4.0 Release 11)
- ETSI TS 124 605 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 606 V11.1.0:2012
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 11.1.0 Release 11)
- ETSI TS 124 607 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Originating Identification Presentation (OIP)
and Originating Identification Restriction (OIR) using
IP Multimedia (IM) Core Network (CN) subsystem –
Protocol specification
(3GPP TS 24.607 version 11.2.0 Release 11)
- ETSI TS 124 608 V11.2.0:2012
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 11.2.0 Release 11)

- ETSI TS 124 611 V11.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification
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- ETSI TS 125 321 V8.16.0:2012
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- ETSI TS 125 411 V11.0.0:2012
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(3GPP TS 25.413 version 9.9.0 Release 9)
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- ETSI TS 125 415 V11.0.0:2012
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– UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams
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- ETSI TS 125 430 V11.0.0:2012
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- ETSI TS 125 431 V11.0.0:2012
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- ETSI TS 125 432 V11.0.0:2012
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- ETSI TS 125 435 V11.0.0:2012
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- ETSI TS 125 442 V11.0.0:2012
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- ETSI TS 125 453 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling
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Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: General aspects and principles
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– UTRAN Iuant interface: Signalling transport
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- ETSI TS 125 467 V10.6.0:2012
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– Feasibility study on interference cancellation for UTRA FDD User Equipment (UE)
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- ETSI TR 125 968 V11.0.0:2012
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- ETSI TS 126 071 V11.0.0:2012
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(3GPP TS 26.090 version 11.0.0 Release 11)
- ETSI TS 126 091 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 126 092 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 126 093 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 126 094 V11.0.0:2012
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- ETSI TS 126 101 V11.0.0:2012
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- ETSI TS 126 102 V11.0.0:2012
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(3GPP TS 26.114 version 10.5.0 Release 10)
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(3GPP TS 26.131 version 11.0.0 Release 11)
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- ETSI TS 126 194 V11.0.0:2012
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- ETSI TS 126 201 V11.0.0:2012
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- ETSI TS 126 202 V11.0.0:2012
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- ETSI TS 126 204 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 126 226 V11.0.0:2012
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- ETSI TS 126 230 V11.0.0:2012
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- ETSI TS 126 226 V11.0.0:2012
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- ETSI TS 126 230 V11.0.0:2012
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- ETSI TS 126 231 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Minimum performance requirements (3GPP TS 26.231 version 11.0.0 Release 11)
- ETSI TS 126 233 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming service (PSS) – General description (3GPP TS 26.233 version 11.0.0 Release 11)
- ETSI TS 126 234 V11.1.0:2012
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- ETSI TS 126 235 V11.0.0:2012
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- ETSI TS 126 236 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Packet switched conversational multimedia applications – Transport protocols (3GPP TS 26.236 version 11.0.0 Release 11)
- ETSI TS 126 243 V11.0.0:2012
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- ETSI TS 126 244 V11.1.0:2012
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- ETSI TS 126 245 V11.0.0:2012
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- ETSI TS 126 246 V11.0.0:2012
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- ETSI TS 126 247 V11.0.0:2012
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- ETSI TS 126 267 V11.0.0:2012
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- ETSI TS 126 268 V11.0.0:2012
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- ETSI TS 126 269 V11.0.0:2012
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- ETSI TS 126 273 V11.0.0:2012
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- ETSI TS 126 274 V11.0.0:2012
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- ETSI TS 126 290 V11.0.0:2012
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- ETSI TS 126 346 V9.8.0:2012
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- ETSI TS 126 346 V10.5.0:2012
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- ETSI TS 126 346 V11.2.0:2012
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- ETSI TS 126 401 V11.0.0:2012
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- ETSI TS 126 405 V11.0.0:2012
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- ETSI TS 126 410 V11.0.0:2012
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- ETSI TS 126 412 V11.0.0:2012
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- ETSI TS 126 430 V11.0.0:2012
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- ETSI TR 126 911 V11.0.0:2012
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- ETSI TR 126 935 V11.0.0:2012
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- ETSI TR 126 937 V11.0.0:2012
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- ETSI TR 126 944 V11.0.0:2012
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(3GPP TR 26.944 version 11.0.0 Release 11)
- ETSI TR 126 946 V11.0.0:2012
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- ETSI TR 126 967 V11.0.0:2012
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- ETSI TR 126 969 V11.0.0:2012
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(3GPP TR 26.975 version 11.0.0 Release 11)
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- ETSI TS 127 001 V11.0.0:2012
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(3GPP TS 27.001 version 11.0.0 Release 11)
- ETSI TS 127 002 V11.0.0:2012
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- ETSI TS 127 005 V11.0.0:2012
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- ETSI TS 127 007 V11.4.0:2012
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- ETSI TS 128 062 V11.0.0:2012
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- ETSI TS 129 007 V11.0.0:2012
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- ETSI TS 129 010 V11.0.0:2012
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- ETSI TS 129 011 V11.0.0:2012
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- ETSI TS 129 016 V11.0.0:2012
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- ETSI TS 129 018 V9.3.0:2012
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- ETSI TS 129 018 V10.7.0:2012
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- ETSI TS 129 018 V11.4.0:2012
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- ETSI TS 129 061 V8.10.0:2012
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 8.10.0 Release 8)
- ETSI TS 129 061 V9.10.0:2012
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- ETSI TS 129 061 V10.7.0:2012
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 10.7.0 Release 10)
- ETSI TS 129 061 V11.2.0:2012
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- ETSI TS 129 079 V11.1.0:2012
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- ETSI TS 129 108 V11.0.0:2012
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- ETSI TS 129 118 V8.11.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 8.11.0 Release 8)
- ETSI TS 129 118 V9.8.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 9.8.0 Release 9)
- ETSI TS 129 118 V10.9.0:2012
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- ETSI TS 129 118 V11.4.0:2012
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– LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks (PDN)
(3GPP TS 29.161 version 11.0.0 Release 11)
- ETSI TS 129 163 V6.12.1:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks
(3GPP TS 29.163 version 6.12.1 Release 6)
- ETSI TS 129 163 V7.26.0:2012
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 7.26.0 Release 7)
- ETSI TS 129 163 V8.20.0:2012
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 8.20.0 Release 8)
- ETSI TS 129 163 V9.11.0:2012
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 9.11.0 Release 9)
- ETSI TS 129 163 V10.7.0:2012
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 10.7.0 Release 10)
- ETSI TS 129 163 V11.4.0:2013
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 11.4.0 Release 11)
- ETSI TS 129 164 V11.0.0:2012
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- ETSI TS 129 165 V9.12.0:2012
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(3GPP TS 29.165 version 9.12.0 Release 9)
- ETSI TS 129 165 V10.9.0:2012
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(3GPP TS 29.165 version 10.9.0 Release 10)
- ETSI TS 129 165 V11.4.0:2012
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- ETSI TS 129 212 V10.8.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points
(3GPP TS 29.212 version 10.8.0 Release 10)
- ETSI TS 129 212 V11.6.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over Gx/Sd reference point
(3GPP TS 29.212 version 11.6.0 Release 11)
- ETSI TS 129 213 V8.15.0:2012
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 8.15.0 Release 8)
- ETSI TS 129 213 V9.10.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping
(3GPP TS 29.213 version 9.10.0 Release 9)
- ETSI TS 129 213 V10.7.0:2012
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 10.7.0 Release 10)
- ETSI TS 129 213 V11.4.0:2012
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 11.4.0 Release 11)
- ETSI TS 129 214 V7.12.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point
(3GPP TS 29.214 version 7.12.0 Release 7)
- ETSI TS 129 214 V8.13.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point
(3GPP TS 29.214 version 8.13.0 Release 8)
- ETSI TS 129 214 V9.10.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point
(3GPP TS 29.214 version 9.10.0 Release 9)
- ETSI TS 129 214 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point
(3GPP TS 29.214 version 10.7.0 Release 10)
- ETSI TS 129 214 V11.6.0:2012
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(3GPP TS 29.214 version 11.6.0 Release 11)
- ETSI TS 129 215 V11.6.0:2012
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(3GPP TS 29.215 version 11.6.0 Release 11)
- ETSI TS 129 219 V11.2.0:2012
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- ETSI TS 129 235 V11.0.0:2012
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- ETSI TS 129 292 V11.3.0:2012
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– 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 11.3.0 Release 11)
- ETSI TS 129 311 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Service level interworking for Messaging Services
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– LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application
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– LTE – Characteristics of the Contact Manager for 3GPP UICC applications
(3GPP TS 31.220 version 11.0.0 Release 11)
- ETSI TS 132 111-6 V11.0.0:2012
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– LTE – Telecommunication management – Fault Management – Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions
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- ETSI TS 132 126 V11.0.0:2012
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- ETSI TS 132 260 V8.15.0:2012
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- ETSI TS 132 336 V11.0.0:2012
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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 11.4.0 Release 11)
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- ETSI TS 132 421 V11.4.0:2012
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- ETSI TS 132 436 V11.0.0:2012
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- ETSI TS 132 441 V11.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Requirements (3GPP TS 32.441 version 11.2.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.442 version 10.6.0 Release 10)
- ETSI TS 132 442 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.442 version 11.4.0 Release 11)
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- ETSI TS 132 522 V10.4.0:2012
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- ETSI TS 132 522 V11.3.0:2012
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- ETSI TS 132 531 V10.2.0:2012
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- ETSI TS 132 532 V10.2.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.532 version 10.2.0 Release 10)
- ETSI TS 132 532 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.532 version 11.0.0 Release 11)
- ETSI TS 132 536 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 132 551 V11.2.0:2012
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LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 9.3.0 Release 9)
- ETSI TS 132 592 V10.7.0:2012
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- ETSI TS 132 606 V11.0.0:2012
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- ETSI TS 132 616 V11.0.0:2012
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- ETSI TS 132 626 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Generic network resources Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.626 version 11.0.0 Release 11)
- ETSI TS 132 636 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Core network resources Integration Reference Point (IRP) –
- ETSI TS 132 642 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – UTRAN network resources Integration Reference Point (IRP) – Network Resource Model (NRM) (3GPP TS 32.642 version 11.3.0 Release 11)
- ETSI TS 132 643 V8.4.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – UTRAN network resources Integration Reference Point (IRP) – Common Object Request Broker Architecture (CORBA) Solution Set (SS) (3GPP TS 32.643 version 8.4.0 Release 8)
- ETSI TS 132 643 V9.3.0:2012
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- ETSI TS 132 645 V8.3.0:2012
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- ETSI TS 132 646 V10.6.0:2012
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- ETSI TS 132 646 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – UTRAN network resources Integration Reference Point (IRP) –
- ETSI TS 132 652 V11.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Telecommunication management – Configuration Management (CM) – GERAN network resources Integration Reference Point (IRP) – Network Resource Model (NRM) (3GPP TS 32.652 version 11.2.0 Release 11)
- ETSI TS 132 656 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – GERAN network resources Integration Reference Point (IRP) –
- ETSI TS 132 666 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Integration Reference Point (IRP) –
- ETSI TS 132 676 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – State Management Integration Reference Point (IRP) –
- ETSI TS 132 690 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) – Requirements (3GPP TS 32.690 version 11.0.0 Release 11)
- ETSI TS 132 692 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) network resources Integration Reference Point (IRP) – Network Resource Model (NRM) (3GPP TS 32.692 version 11.0.0 Release 11)
- ETSI TS 132 696 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.696 version 11.0.0 Release 11)
- ETSI TS 132 716 V11.0.0:2012
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- ETSI TS 132 726 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Repeater network resources Integration Reference Point (IRP) –
- ETSI TS 132 746 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.746 version 11.0.0 Release 11)
- ETSI TS 132 756 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.756 version 11.0.0 Release 11)
- ETSI TS 132 762 V11.3.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.762 version 11.3.0 Release 11)
- ETSI TS 132 766 V11.2.0:2012
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 32.766 version 11.2.0 Release 11)
- ETSI TS 132 776 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) – Network Resource Model (NRM)) Integration Reference Point (IRP) –
- ETSI TS 132 786 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) – Network Resource Model (NRM) –
- ETSI TS 132 792 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.792 version 11.0.0 Release 11)
- ETSI TS 132 796 V10.1.1:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.796 version 10.1.1 Release 10)

- ETSI TS 132 796 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.796 version 11.0.0 Release 11)
- ETSI TS 133 102 V11.4.0:2012
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- ETSI TS 133 107 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 11.3.0 Release 11)
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Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 8.14.0 Release 8)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Network Domain Security (NDS) – IP network layer security (3GPP TS 33.210 version 11.4.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Generic Authentication Architecture (GAA) – Support for subscriber certificates (3GPP TS 33.221 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Generic Authentication Architecture (GAA) – Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 11.2.1 Release 11)
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Universal Mobile Telecommunications System (UMTS) – Terminal logical test interface – Special conformance testing functions (3GPP TS 34.109 version 11.0.0 Release 11)
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– User Equipment (UE) conformance specification –
Part 3: Abstract test suite (ATS)
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– 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
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control protocol based on Session Initiation Protocol
(SIP) and Session Description Protocol (SDP) – User
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– LTE – Internet Protocol (IP) multimedia call control
protocol based on Session Initiation Protocol (SIP) and
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suite (ATS)
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Universal Mobile Telecommunications System (UMTS)
– Derivation of test tolerances for multi-cell Radio
Resource Management (RRM) conformance tests
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(E-UTRA) – User Equipment (UE) radio transmission
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reception
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(E-UTRA) – Base Station (BS) conformance testing
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(E-UTRA) – Base Station (BS) conformance testing
(3GPP TS 36.141 version 10.8.0 Release 10)
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(E-UTRA) – FDD repeater conformance testing (3GPP
TS 36.143 version 10.5.0 Release 10)
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – FDD repeater conformance testing (3GPP
TS 36.143 version 11.0.0 Release 11)
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(E-UTRA) – Requirements for Support of Assisted
Global Navigation Satellite System (A-GNSS) (3GPP
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(E-UTRA) – LTE physical layer – General description
(3GPP TS 36.201 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – Physical channels and modulation
(3GPP TS 36.211 version 11.0.0 Release 11)
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(E-UTRA) – Multiplexing and channel coding
(3GPP TS 36.212 version 11.0.0 Release 11)
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(E-UTRA) – Physical layer procedures
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – Physical layer procedures
(3GPP TS 36.213 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – Physical layer – Measurements
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(E-UTRA) – Physical layer for relaying operation
(3GPP TS 36.216 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – Services provided by the physical layer
(3GPP TS 36.302 version 11.0.0 Release 11)
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(E-UTRA) – User Equipment (UE) procedures in idle
mode (3GPP TS 36.304 version 11.1.0 Release 11)
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Network (E-UTRAN) – Stage 2 functional specification
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LTE – Evolved Universal Terrestrial Radio Access
Network (E-UTRAN) – Stage 2 functional specification
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(3GPP TS 36.305 version 11.1.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – User Equipment (UE) radio access
capabilities (3GPP TS 36.306 version 9.7.0 Release 9)
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – User Equipment (UE) radio access
capabilities
(3GPP TS 36.306 version 10.7.0 Release 10)
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – User Equipment (UE) radio access
capabilities
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LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) – Layer 2 – Measurements
(3GPP TS 36.314 version 11.0.0 Release 11)

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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Link Control (RLC) protocol specification
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP)
(3GPP TS 36.355 version 10.6.0 Release 10)
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP)
(3GPP TS 36.355 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description
(3GPP TS 36.401 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 general aspects and principles (3GPP TS 36.410 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 layer 1
(3GPP TS 36.411 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 signalling transport
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 layer 1
(3GPP TS 36.421 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 signalling transport
(3GPP TS 36.422 version 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP)
(3GPP TS 36.423 version 11.2.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 data transport
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Layer 1 for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN
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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 11.0.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M3 Application Protocol (M3AP)
(3GPP TS 36.444 version 11.3.0 Release 11)
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M1 data transport
(3GPP TS 36.445 version 11.0.0 Release 11)
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(3GPP TS 36.455 version 10.4.0 Release 10)
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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 9.6.0 Release 9)
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE)
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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 10.3.0 Release 10)
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis
(3GPP TR 36.921 version 11.0.0 Release 11)
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(3GPP TS 37.104 version 10.8.0 Release 10)
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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
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(3GPP TS 37.571-1 version 10.1.0 Release 10)
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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
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Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) application layer data throughput performance
(3GPP TR 37.901 version 11.4.0 Release 11)
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(3GPP TS 42.043 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – Service description – Stage 1
(3GPP TS 42.056 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Voice Group Call Service (VGCS) – Stage 1
(3GPP TS 42.068 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Voice Broadcast Service (VBS) – Stage 1
(3GPP TS 42.069 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – GSM Public Land Mobile Network (PLMN) connection types
(3GPP TS 43.010 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Discontinuous Reception (DRX) in the GSM system
(3GPP TS 43.013 version 11.0.0 Release 11)
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(3GPP TS 43.022 version 11.0.0 Release 11)
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(3GPP TR 43.026 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Radio network planning aspects
(3GPP TR 43.030 version 11.0.0 Release 11)

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Digital cellular telecommunications system (Phase 2+) – Technical realization of facsimile group 3 transparent (3GPP TS 43.045 version 11.0.0 Release 11)
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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 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – GSM/EDGE Radio Access Network (GERAN) overall description – Stage 2 (3GPP TS 43.051 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Dual Transfer Mode (DTM) – Stage 2 (3GPP TS 43.055 version 10.0.0 Release 10)
- ETSI TS 143 058 V11.0.0:2012
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Digital cellular telecommunications system (Phase 2+) – Functional stage 2 description of Location Services (LCS) in GERAN (3GPP TS 43.059 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Voice Group Call Service (VGCS) – Stage 2 (3GPP TS 43.068 version 11.3.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Voice Broadcast service (VBS) – Stage 2 (3GPP TS 43.069 version 11.3.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Packed-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 11.0.0 Release 11)
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- ETSI TS 144 014 V11.0.0:2012
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- ETSI TS 144 065 V11.0.0:2012
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- ETSI TS 144 068 V11.0.0:2012
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- ETSI TS 144 069 V11.0.0:2012
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- ETSI TS 144 071 V11.0.0:2012
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- ETSI TS 144 160 V11.0.0:2012
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- ETSI TS 144 901 V11.0.0:2012
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- ETSI TS 145 004 V11.0.0:2012
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- ETSI TS 145 005 V9.12.0:2012
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- ETSI TS 145 005 V10.6.0:2012
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- ETSI TS 145 005 V11.1.0:2012
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- ETSI TS 145 008 V11.2.0:2012
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(3GPP TS 45.008 version 11.2.0 Release 11)
- ETSI TS 145 009 V11.0.0:2012
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- ETSI TS 145 010 V11.0.0:2012
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- ETSI TS 145 015 V11.0.0:2012
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- ETSI TS 145 022 V11.0.0:2012
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- ETSI TS 145 050 V11.0.0:2012
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- ETSI TR 145 902 V11.0.0:2012
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(3GPP TR 45.912 version 11.0.0 Release 11)
- ETSI TR 145 913 V11.0.0:2012
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(3GPP TS 46.006 version 11.0.0 Release 11)
- ETSI TS 146 007 V11.0.0:2012
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- ETSI TS 146 010 V11.0.0:2012
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- ETSI TS 146 011 V11.0.0:2012
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(3GPP TS 46.011 version 11.0.0 Release 11)
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- ETSI TS 146 020 V11.0.0:2012
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- ETSI TS 146 021 V11.0.0:2012
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- ETSI TS 146 022 V11.0.0:2012
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(3GPP TS 46.022 version 11.0.0 Release 11)
- ETSI TS 146 031 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Full rate speech – Discontinuous Transmission (DTX) for full rate speech traffic channels
(3GPP TS 46.031 version 11.0.0 Release 11)
- ETSI TS 146 032 V11.0.0:2012
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- ETSI TS 146 041 V11.0.0:2012
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(3GPP TS 46.041 version 11.0.0 Release 11)
- ETSI TS 146 042 V11.0.0:2012
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- ETSI TS 146 051 V11.0.0:2012
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(3GPP TS 46.051 version 11.0.0 Release 11)
- ETSI TS 146 053 V11.0.0:2012
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- ETSI TS 146 054 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Test sequences for the GSM Enhanced Full Rate (EFR) speech codec
(3GPP TS 46.054 version 11.0.0 Release 11)
- ETSI TS 146 055 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec
(3GPP TR 46.055 version 11.0.0 Release 11)
- ETSI TS 146 060 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Enhanced Full Rate (EFR) speech transcoding
(3GPP TS 46.060 version 11.0.0 Release 11)
- ETSI TS 146 061 V11.0.0:2012
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- ETSI TS 146 062 V11.0.0:2012
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- ETSI TS 146 076 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Adaptive Multi-Rate (AMR) speech codec – Study phase report
(3GPP TR 46.076 version 11.0.0 Release 11)
- ETSI TS 146 081 V11.0.0:2012
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- ETSI TS 146 082 V11.0.0:2012
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- ETSI TS 146 085 V11.0.0:2012
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- ETSI TS 148 008 V11.2.0:2012
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- ETSI TS 148 014 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 148 016 V11.0.0:2012
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- ETSI TS 148 018 V8.9.0:2012
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- ETSI TS 148 031 V11.0.0 :2012
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- ETSI TS 148 052 V11.0.0 :2012
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Interface principles (3GPP TS 48.052 version 11.0.0 Release 11)
- ETSI TS 148 054 V11.0.0 :2012
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- ETSI TS 148 056 V11.0.0 :2012
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Layer 2 specification (3GPP TS 48.056 version 11.0.0 Release 11)
- ETSI TS 148 058 V11.0.0 :2012
Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) Interface – Layer 3 specification (3GPP TS 48.058 version 11.0.0 Release 11)
- ETSI TS 148 060 V11.0.0 :2012
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 11.0.0 Release 11)
- ETSI TS 148 061 V11.0.0 :2012
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 11.0.0 Release 11)
- ETSI TS 148 071 V9.3.0 :2012
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 9.3.0 Release 9)
- ETSI TS 148 071 V10.3.0 :2012
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- ETSI TS 148 071 V11.0.0 :2012
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 11.0.0 Release 11)
- ETSI TS 148 103 V11.0.0 :2012
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- ETSI TS 149 008 V11.0.0:2012
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- ETSI TR 149 995 V11.0.0:2012
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- ETSI TS 151 010-1 V10.2.0:2012
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- ETSI TS 151 010-2 V10.2.0:2012
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- ETSI TS 151 010-5 V10.2.0:2012
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- ETSI TS 151 021 V8.13.0:2012
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- ETSI TS 151 026 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Part 4: Repeaters (3GPP TS 51.026 version 11.0.0 Release 11)
- ETSI TS 152 021 V11.0.0:2012
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- ETSI TS 102 281 V2.2.1:2012
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- ETSI TS 122 004 V11.0.0:2012
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- ETSI TS 122 011 V11.2.0:2012
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- ETSI TS 122 067 V11.0.0:2012
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- ETSI TS 122 081 V11.1.0:2012
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- ETSI TS 122 082 V11.0.0:2012
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- ETSI TS 122 085 V11.0.0:2012
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- ETSI TS 122 088 V11.0.0:2012
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- ETSI TS 122 105 V11.0.1:2012
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- ETSI TS 122 153 V11.1.0:2012
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- ETSI TS 122 268 V11.4.0:2012
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- ETSI TR 122 906 V11.0.0:2012
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- ETSI TS 123 066 V11.0.0:2012
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- ETSI TS 123 067 V11.0.0:2012
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- ETSI TS 123 072 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) supplementary service – Stage 2 (3GPP TS 23.072 version 11.0.0 Release 11)
- ETSI TS 123 078 V11.3.0:2012
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 11.3.0 Release 11)

- ETSI TS 123 079 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Optimal Routing (SOR) – Technical realization (3GPP TS 23.079 version 11.0.0 Release 11)
- ETSI TS 123 081 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 2 (3GPP TS 23.081 version 11.0.0 Release 11)
- ETSI TS 123 082 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) supplementary services – Stage 2 (3GPP TS 23.082 version 11.0.0 Release 11)
- ETSI TS 123 083 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 084 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multi Party (MPPTY) supplementary service – Stage 2 (3GPP TS 23.084 version 11.0.0 Release 11)
- ETSI TS 123 085 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary service – Stage 2 (3GPP TS 23.085 version 11.0.0 Release 11)
- ETSI TS 123 088 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) Supplementary Services – Stage 2 (3GPP TS 23.088 version 11.1.0 Release 11)
- ETSI TS 123 107 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 11.0.0 Release 11)
- ETSI TS 123 108 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile radio interface layer 3 specification, core network protocols – Stage 2 (3GPP TS 23.108 version 11.0.0 Release 11)
- ETSI TS 123 139 V11.2.0:2012
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 11.3.0 Release 11)
- ETSI TS 123 142 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 153 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Out of band transcoder control – Stage 2 (3GPP TS 23.153 version 11.1.0 Release 11)
- ETSI TS 123 167 V11.5.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 11.5.0 Release 11)
- ETSI TS 123 203 V10.8.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 10.8.0 Release 10)
- ETSI TS 123 203 V11.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 11.7.0 Release 11)
- ETSI TS 123 204 V11.2.0:2012
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 11.2.0 Release 11)
- ETSI TS 123 205 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 207 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 216 V11.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 11.6.0 Release 11)
- ETSI TS 123 221 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 11.0.0 Release 11)
- ETSI TS 123 228 V11.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 11.7.0 Release 11)
- ETSI TS 123 231 V11.1.1:2012
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 11.1.1 Release 11)
- ETSI TS 123 236 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes (3GPP TS 23.236 version 11.0.0 Release 11)
- ETSI TS 123 237 V11.5.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 11.5.0 Release 11)
- ETSI TS 123 246 V11.1.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Architecture and functional description (3GPP TS 23.246 version 11.1.0 Release 11)
- ETSI TS 123 251 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 11.3.0 Release 11)

- ETSI TS 123 272 V11.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 11.2.0 Release 11)
- ETSI TS 123 278 V11.0.1:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 4 – Stage 2 – IM CN Interworking (3GPP TS 23.278 version 11.0.1 Release 11)
- ETSI TS 123 292 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) centralized services – Stage 2 (3GPP TS 23.292 version 11.4.0 Release 11)
- ETSI TS 123 327 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 123 334 V11.1.1:2012
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 11.1.1 Release 11)
- ETSI TS 123 380 V8.5.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 8.5.0 Release 8)
- ETSI TS 123 380 V9.5.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 9.5.0 Release 9)
- ETSI TS 123 380 V10.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 10.2.0 Release 10)
- ETSI TS 123 380 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 11.0.0 Release 11)
- ETSI TS 123 401 V11.3.0:2012
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 11.3.0 Release 11)
- ETSI TS 123 402 V11.4.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 11.4.0 Release 11)
- ETSI TS 123 682 V11.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 11.2.0 Release 11)
- ETSI TR 123 975 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IPv6 migration guidelines (3GPP TR 23.975 version 11.0.0 Release 11)
- ETSI TS 124 007 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface signalling layer 3 – General Aspects (3GPP TS 24.007 version 11.0.0 Release 11)
- ETSI TS 124 008 V8.18.0:2012
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 8.18.0 Release 8)
- ETSI TS 124 008 V9.12.0:2012
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 9.12.0 Release 9)
- ETSI TS 124 008 V10.8.0:2012
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 10.8.0 Release 10)
- ETSI TS 124 008 V11.4.0:2012
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 11.4.0 Release 11)
- ETSI TS 124 010 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 030 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 067 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 072 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) supplementary service – Stage 3 (3GPP TS 24.072 version 11.0.0 Release 11)
- ETSI TS 124 080 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 081 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 3 (3GPP TS 24.081 version 11.0.0 Release 11)
- ETSI TS 124 082 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) supplementary services – Stage 3 (3GPP TS 24.082 version 11.0.0 Release 11)

- ETSI TS 124 083 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 084 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multi Party (MPPTY) supplementary service – Stage 3
(3GPP TS 24.084 version 11.0.0 Release 11)
- ETSI TS 124 085 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary service – Stage 3
(3GPP TS 24.085 version 11.0.0 Release 11)
- ETSI TS 124 086 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 3
(3GPP TS 24.086 version 11.0.0 Release 11)
- ETSI TS 124 087 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 088 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) supplementary service – Stage 3
(3GPP TS 24.088 version 11.0.0 Release 11)
- ETSI TS 124 090 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 3
(3GPP TS 24.090 version 11.0.0 Release 11)
- ETSI TS 124 091 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 3
(3GPP TS 24.091 version 11.0.0 Release 11)
- ETSI TS 124 093 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 096 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name Identification supplementary services – Stage 3
(3GPP TS 24.096 version 11.0.0 Release 11)
- ETSI TS 124 135 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Multicall supplementary service – Stage 3
(3GPP TS 24.135 version 11.0.0 Release 11)
- ETSI TS 124 147 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3
(3GPP TS 24.147 version 11.1.0 Release 11)
- ETSI TS 124 171 V11.0.0:2012
LTE – Control Plane Location Services (LCS) procedures in the Evolved Packet System (EPS)
(3GPP TS 24.171 version 11.0.0 Release 11)
- ETSI TS 124 183 V11.1.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification
(3GPP TS 24.183 version 11.1.0 Release 11)
- ETSI TS 124 229 V7.29.0:2012
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 7.29.0 Release 7)
- ETSI TS 124 229 V8.21.0:2012
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 8.21.0 Release 8)
- ETSI TS 124 229 V9.13.0:2012
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 9.13.0 Release 9)
- ETSI TS 124 229 V10.9.0:2012
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 10.9.0 Release 10)
- ETSI TS 124 229 V11.5.0:2012
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 11.5.0 Release 11)
- ETSI TS 124 234 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – WLAN User Equipment (WLAN UE) to network protocols – Stage 3
(3GPP TS 24.234 version 11.3.0 Release 11)
- ETSI TS 124 235 V11.1.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System to Wireless Local Area Network (WLAN) interworking Management Object (MO)
(3GPP TS 24.235 version 11.1.0 Release 11)
- ETSI TS 124 238 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Session Initiation Protocol (SIP) based user configuration – Stage 3
(3GPP TS 24.238 version 11.0.0 Release 11)
- ETSI TS 124 259 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3
(3GPP TS 24.259 version 11.0.0 Release 11)
- ETSI TS 124 303 V11.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility management based on Dual-Stack Mobile IPv6 – Stage 3
(3GPP TS 24.303 version 11.2.0 Release 11)

- ETSI TS 124 305 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 327 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility between 3GPP Wireless Local Area Network (WLAN) interworking (I-WLAN) and 3GPP systems – General Packet Radio System (GPRS) and 3GPP I-WLAN aspects – Stage 3 (3GPP TS 24.327 version 11.0.0 Release 11)
- ETSI TS 124 341 V11.1.0:2012
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 11.1.0 Release 11)
- ETSI TS 124 610 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.610 version 11.1.0 Release 11)
- ETSI TS 124 615 V11.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol Specification (3GPP TS 24.615 version 11.1.0 Release 11)
- ETSI TS 124 628 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.628 version 11.0.0 Release 11)
- ETSI TS 124 629 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 124 647 V11.1.0:2012
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 11.1.0 Release 11)
- ETSI TS 124 654 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 125 101 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 10.7.0 Release 10)
- ETSI TS 125 101 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 11.3.0 Release 11)
- ETSI TS 125 113 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Base station (BS) and repeater electromagnetic compatibility (EMC) (3GPP TS 25.113 version 11.0.0 Release 11)
- ETSI TS 125 123 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (TDD) (3GPP TS 25.123 version 11.0.0 Release 11)
- ETSI TS 125 133 V11.2.0:2012
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 11.2.0 Release 11)
- ETSI TS 125 144 V11.2.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) and Mobile Station (MS) over the air performance requirements (3GPP TS 25.144 version 11.2.0 Release 11)
- ETSI TS 125 215 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Physical layer – Measurements (FDD) (3GPP TS 25.215 version 11.0.0 Release 11)
- ETSI TS 125 304 V9.8.0:2012
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 9.8.0 Release 9)
- ETSI TS 125 304 V10.6.0:2012
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 10.6.0 Release 10)
- ETSI TS 125 304 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 125 307 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 11.0.0 Release 11)
- ETSI TS 125 322 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Link Control (RLC) protocol specification (3GPP TS 25.322 version 11.0.0 Release 11)
- ETSI TS 125 331 V8.20.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 8.20.0 Release 8)
- ETSI TS 125 331 V9.12.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 9.12.0 Release 9)
- ETSI TS 125 331 V10.9.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 10.9.0 Release 10)
- ETSI TS 125 331 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 11.3.0 Release 11)

- ETSI TS 125 367 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Mobility procedures for Home Node B (HNB) –
Overall description – Stage 2
(3GPP TS 25.367 version 11.0.0 Release 11)
- ETSI TS 125 423 V10.8.0:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iur interface Radio Network Subsystem
Application Part (RNSAP) signalling
(3GPP TS 25.423 version 10.8.0 Release 10)
- ETSI TS 125 423 V11.3.1:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iur interface Radio Network Subsystem
Application Part (RNSAP) signalling
(3GPP TS 25.423 version 11.3.1 Release 11)
- ETSI TS 125 427 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iub/Iur interface user plane protocol for DCH
data streams
(3GPP TS 25.427 version 11.0.0 Release 11)
- ETSI TS 125 433 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iub interface Node B Application Part (NBAP)
signalling
(3GPP TS 25.433 version 10.7.0 Release 10)
- ETSI TS 125 433 V11.2.0:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iub interface Node B Application Part (NBAP)
signalling
(3GPP TS 25.433 version 11.2.0 Release 11)
- ETSI TS 125 461 V11.1.0:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iuant interface: Layer 1
(3GPP TS 25.461 version 11.1.0 Release 11)
- ETSI TR 125 912 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 125 992 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Multimedia Broadcast/Multicast Service (MBMS) –
UTRAN/GERAN requirements
(3GPP TR 25.992 version 11.0.0 Release 11)
- ETSI TS 126 114 V11.5.1:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia Subsystem (IMS) – Multimedia
telephony – Media handling and interaction
(3GPP TS 26.114 version 11.5.1 Release 11)
- ETSI TS 126 237 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 126 304 V11.0.1:2012
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 11.0.1 Release 11)
- ETSI TR 126 905 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile stereoscopic 3D video
(3GPP TS 26.905 version 11.0.0 Release 11)
- ETSI TS 129 002 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Mobile Application Part (MAP) specification
(3GPP TS 29.002 version 11.4.0 Release 11)
- ETSI TS 129 013 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 060 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System
(UMTS) – General Packet Radio Service (GPRS) –
GPRS Tunnelling Protocol (GTP) across the Gn and
Gp interface
(3GPP TS 29.060 version 11.4.0 Release 11)
- ETSI TS 129 109 V11.1.0:2012
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 11.1.0 Release 11)
- ETSI TS 129 119 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – GPRS Tunnelling Protocol (GTP) specification
for Gateway Location Register (GLR)
(3GPP TS 29.119 version 11.0.0 Release 11)
- ETSI TS 129 120 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile Application Part (MAP) specification
for Gateway Location Register (GLR)
(3GPP TS 29.120 version 11.0.0 Release 11)
- ETSI TS 129 162 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Interworking between the IM CN subsystem
and IP networks
(3GPP TS 29.162 version 11.0.0 Release 11)
- ETSI TS 129 168 V11.4.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Cell Broadcast Centre interfaces with the
Evolved Packet Core – Stage 3
(3GPP TS 29.168 version 11.4.0 Release 11)
- ETSI TS 129 171 V11.1.0:2012
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 11.1.0 Release 11)
- ETSI TS 129 172 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
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 11.0.0 Release 11)
- ETSI TS 129 173 V10.3.0:2012
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 10.3.0 Release 10)

- ETSI TS 129 173 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 202 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Signalling System No. 7 (SS7) signalling transport in core network – Stage 3 (3GPP TS 29.202 version 11.0.0 Release 11)
- ETSI TS 129 204 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 205 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 228 V7.17.0:2012
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 7.17.0 Release 7)
- ETSI TS 129 228 V8.17.0:2012
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 8.17.0 Release 8)
- ETSI TS 129 228 V9.10.0:2012
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 9.10.0 Release 9)
- ETSI TS 129 228 V10.6.0:2012
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 10.6.0 Release 10)
- ETSI TS 129 228 V11.5.1:2012
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 11.5.1 Release 11)
- ETSI TS 129 229 V8.14.0:2012
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 8.14.0 Release 8)
- ETSI TS 129 229 V9.6.0:2012
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 9.6.0 Release 9)
- ETSI TS 129 229 V10.4.0:2012
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 10.4.0 Release 10)
- ETSI TS 129 229 V11.1.0:2012
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 11.1.0 Release 11)
- ETSI TS 129 230 V9.12.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 9.12.0 Release 9)
- ETSI TS 129 230 V10.8.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 10.8.0 Release 10)
- ETSI TS 129 230 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 11.4.0 Release 11)
- ETSI TS 129 231 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 232 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Media Gateway Controller (MGC) – Media Gateway (MGW) interface – Stage 3 (3GPP TS 29.232 version 11.0.0 Release 11)
- ETSI TS 129 234 V11.0.1:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – Stage 3 (3GPP TS 29.234 version 11.0.1 Release 11)
- ETSI TS 129 238 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 11.0.0 Release 11)
- ETSI TS 129 240 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Stage 3 – Network (3GPP TS 29.240 version 11.0.0 Release 11)
- ETSI TS 129 272 V11.4.0:2012
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 11.4.0 Release 11)
- ETSI TS 129 273 V8.11.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 8.12.0 Release 8)
- ETSI TS 129 273 V9.10.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 9.10.0 Release 9)

- ETSI TS 129 273 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Evolved Packet System (EPS) – 3GPP EPS
AAA interfaces
(3GPP TS 29.273 version 10.7.0 Release 10)
- ETSI TS 129 273 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Evolved Packet System (EPS) – 3GPP EPS
AAA interfaces
(3GPP TS 29.273 version 11.3.0 Release 11)
- ETSI TS 129 274 V10.8.0:2012
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 10.9.0 Release 10)
- ETSI TS 129 274 V11.4.0:2012
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 11.4.0 Release 11)
- ETSI TS 129 275 V11.4.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Proxy Mobile IPv6 (PMIPv6) based Mobility
and Tunnelling protocols – Stage 3
(3GPP TS 29.275 version 11.4.0 Release 11)
- ETSI TS 129 276 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 277 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 278 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 279 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile IPv4 (MIPv4) based mobility protocols –
Stage 3 (3GPP TS 29.279 version 11.0.0 Release 11)
- ETSI TS 129 280 V11.3.0:2012
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 11.3.0 Release 11)
- ETSI TS 129 281 V11.4.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – General Packet Radio System (GPRS)
Tunnelling Protocol User Plane (GTPv1-U)
(3GPP TS 29.281 version 11.4.0 Release 11)
- ETSI TS 129 282 V8.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile IPv6 vendor specific option format and
usage within 3GPP
(3GPP TS 29.282 version 8.3.0 Release 8)
- ETSI TS 129 282 V9.1.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile IPv6 vendor specific option format and
usage within 3GPP
(3GPP TS 29.282 version 9.1.0 Release 9)
- ETSI TS 129 282 V10.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile IPv6 vendor specific option format and
usage within 3GPP
(3GPP TS 29.282 version 10.3.0 Release 10)
- ETSI TS 129 282 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile IPv6 vendor specific option format and
usage within 3GPP
(3GPP TS 29.282 version 11.0.0 Release 11)
- ETSI TS 129 303 V10.4.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Domain Name System Procedures – Stage 3
(3GPP TS 29.303 version 10.4.0 Release 10)
- ETSI TS 129 303 V11.2.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Domain Name System Procedures – Stage 3
(3GPP TS 29.303 version 11.2.0 Release 11)
- ETSI TS 129 305 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – InterWorking Function (IWF) between MAP
based and Diameter based interfaces
(3GPP TS 29.305 version 11.3.0 Release 11)
- ETSI TS 129 328 V9.10.0:2012
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 9.10.0 Release 9)
- ETSI TS 129 328 V10.7.0:2012
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 10.7.0 Release 10)
- ETSI TS 129 328 V11.5.0:2012
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 11.5.0 Release 11)
- ETSI TS 129 329 V11.4.0:2012
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 11.4.0 Release 11)
- ETSI TS 129 332 V8.11.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Media Gateway Control Function (MGCF) – IM Media
Gateway – Mn interface
(3GPP TS 29.332 version 8.11.0 Release 8)
- ETSI TS 129 332 V9.4.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Media Gateway Control Function (MGCF) – IM Media
Gateway – Mn interface
(3GPP TS 29.332 version 9.4.0 Release 9)
- ETSI TS 129 332 V10.5.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Media Gateway Control Function (MGCF) – IM Media
Gateway – Mn interface
(3GPP TS 29.332 version 10.5.0 Release 10)
- ETSI TS 129 332 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– Media Gateway Control Function (MGCF) – IM Media
Gateway – Mn interface
(3GPP TS 29.332 version 11.0.0 Release 11)

- ETSI TS 129 333 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 334 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 335 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 336 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 337 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 11.0.0 Release 11)
- ETSI TS 129 364 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 129 935 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Study on User Data Convergence (UDC) data model (3GPP TR 29.935 version 11.0.0 Release 11)
- ETSI TS 131101 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Physical and logical characteristics (3GPP TS 31.101 version 11.0.0 Release 11)
- ETSI TS 131103 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the IP Multimedia Services Identity Module (ISIM) application (3GPP TS 31.103 version 11.0.0 Release 11)
- ETSI TS 131120 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Physical, electrical and logical test specification (3GPP TS 31.120 version 11.0.0 Release 11)
- ETSI TS 131121 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 11.0.0 Release 11)
- ETSI TS 131122 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 11.0.0 Release 11)
- ETSI TS 131124 V10.6.0:2012
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 10.6.0 Release 10)
- ETSI TS 131124 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 131 131 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – C-language binding to (U)SIM API (3GPP TS 31.131 version 11.0.0 Release 11)
- ETSI TS 131 133 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 131 213 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java Card™ (3GPP TS 31.213 version 11.0.0 Release 11)
- ETSI TS 131 221 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Contact Manager Application Programming Interface (API) – Contact Manager API for Java Card (3GPP TS 31.221 version 11.0.0 Release 11)
- ETSI TR 131 900 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – SIM/USIM internal and external interworking aspects (3GPP TR 31.900 version 11.0.0 Release 11)
- ETSI TR 132 101 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Principles and high level requirements (3GPP TS 32.101 version 11.0.0 Release 11)
- ETSI TR 132 102 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Architecture (3GPP TS 32.102 version 11.0.0 Release 11)
- ETSI TR 132 103 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 132 111-1 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 132 111-2 V11.0.0:2012
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 11.0.0 Release 11)

- ETSI TS 132 140 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) requirements (3GPP TS 32.140 version 11.0.0 Release 11)
- ETSI TS 132 141 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) architecture (3GPP TS 32.141 version 11.0.0 Release 11)
- ETSI TS 132 150 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Concept and definitions (3GPP TS 32.150 version 11.0.0 Release 11)
- ETSI TS 132 151 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Information Service (IS) template (3GPP TS 32.151 version 11.0.0 Release 11)
- ETSI TS 132 152 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire (3GPP TS 32.152 version 11.1.0 Release 11)
- ETSI TS 132 153 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 11.0.0 Release 11)
- ETSI TS 132 154 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Backward and Forward Compatibility (BFC) – Concept and definitions (3GPP TS 32.154 version 11.0.0 Release 11)
- ETSI TS 132 155 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Requirements template (3GPP TS 32.155 version 11.0.0 Release 11)
- ETSI TS 132 171 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 32.171 version 11.0.0 Release 11)
- ETSI TS 132 172 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.172 version 11.0.0 Release 11)
- ETSI TS 132 176 V11.0.0:2012
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 32.176 version 11.0.0 Release 11)
- ETSI TS 132 181 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – User Data Convergence (UDC) – Framework for Model Handling and Management (3GPP TS 32.181 version 11.0.0 Release 11)
- ETSI TS 132 182 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – User Data Convergence (UDC) – Common baseline information model (CBIM) (3GPP TS 32.182 version 11.0.0 Release 11)
- ETSI TS 132 250 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Circuit Switched (CS) domain charging (3GPP TS 32.250 version 11.0.0 Release 11)
- ETSI TS 132 252 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Wireless Local Area Network (WLAN) charging (3GPP TS 32.252 version 11.0.0 Release 11)
- ETSI TS 132 271 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Location Services (LCS) charging (3GPP TS 32.271 version 11.0.0 Release 11)
- ETSI TS 132 272 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Push-to-talk over Cellular (PoC) charging (3GPP TS 32.272 version 11.0.0 Release 11)
- ETSI TS 132 273 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Broadcast and Multicast Service (MBMS) charging (3GPP TS 32.273 version 11.0.0 Release 11)
- ETSI TS 132 275 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 11.0.0 Release 11)
- ETSI TS 132 280 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Advice of Charge (AoC) service (3GPP TS 32.280 version 11.0.0 Release 11)
- ETSI TS 132 295 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) transfer (3GPP TS 32.295 version 11.0.0 Release 11)

- ETSI TS 132 296 V11.3.0:2012
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 11.3.0 Release 11)
- ETSI TS 132 297 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 11.0.0 Release 11)
- ETSI TS 132 300 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Name convention for Managed Objects (3GPP TS 32.300 version 11.0.0 Release 11)
- ETSI TS 132 301 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP): Requirements (3GPP TS 32.301 version 11.0.0 Release 11)
- ETSI TS 132 302 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.302 version 11.0.0 Release 11)
- ETSI TS 132 311 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Requirements (3GPP TS 32.311 version 11.0.0 Release 11)
- ETSI TS 132 312 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Information Service (IS) (3GPP TS 32.312 version 11.0.0 Release 11)
- ETSI TS 132 321 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Requirements (3GPP TS 32.321 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP) – Requirements (3GPP TS 32.341 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.342 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Requirements (3GPP TS 32.351 version 11.0.0 Release 11)
- ETSI TS 132 352 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.352 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Delta synchronization Integration Reference Point (IRP) – Requirements
(3GPP TS 32.391 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Concept and requirements
(3GPP TS 32.401 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template
(3GPP TS 32.404 version 11.0.0 Release 11)
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(3GPP TS 32.406 version 11.3.0 Release 11)
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(3GPP TS 32.407 version 11.2.0 Release 11)
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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 11.0.0 Release 11)
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(3GPP TS 32.411 version 11.0.0 Release 11)
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(3GPP TS 32.412 version 11.0.0 Release 11)
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LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN)
(3GPP TS 32.425 version 11.4.0 Release 11)
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LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network
(3GPP TS 32.426 version 11.3.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement: File format definition
(3GPP TS 32.432 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement – eXtensible Markup Language (XML) file format definition
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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 11.0.0 Release 11)
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(3GPP TS 32.451 version 11.0.0 Release 11)
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Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home Node B (HNB) Subsystem (HNS)
(3GPP TS 32.452 version 11.0.0 Release 11)
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Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home enhanced Node B (HeNB) Subsystem (HeNS)
(3GPP TS 32.453 version 11.0.0 Release 11)
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Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for the IP Multimedia Subsystem (IMS) – Definitions
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Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.502 version 11.0.0 Release 11)
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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 11.0.0 Release 11)
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Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.584 version 11.0.0 Release 11)
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LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts and requirements for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.591 version 11.0.0 Release 11)
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LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 11.2.0 Release 11)
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LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Procedure flows for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.593 version 11.0.0 Release 11)
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LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.594 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Concept and high-level requirements (3GPP TS 32.600 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Requirements (3GPP TS 32.601 version 11.0.0 Release 11)
- ETSI TS 132 602 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.602 version 11.0.0 Release 11)
- ETSI TS 132 611 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Requirements (3GPP TS 32.611 version 11.0.0 Release 11)
- ETSI TS 132 612 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.612 version 11.0.0 Release 11)
- ETSI TS 132 621 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Configuration Management (CM) – Generic network resources Integration Reference Point (IRP) – Requirements (3GPP TS 32.621 version 11.0.0 Release 11)
- ETSI TS 132 622 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) (3GPP TS 32.622 version 11.0.0 Release 11)

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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Core network resources Integration Reference Point (IRP): Requirements (3GPP TS 32.631 version 11.0.0 Release 11)
- ETSI TS 132 632 V11.0.0:2012
Title: Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) (3GPP TS 32.632 version 11.0.0 Release 11)
- ETSI TS 132 641 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – UTRAN network resources Integration Reference Point (IRP) – Requirements (3GPP TS 32.641 version 11.0.0 Release 11)
- ETSI TS 132 651 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Telecommunication management – Configuration Management (CM) – GERAN network resources Integration Reference Point (IRP) – Requirements (3GPP TS 32.651 version 11.0.0 Release 11)
- ETSI TS 132 661 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Requirements (3GPP TS 32.661 version 11.0.0 Release 11)
- ETSI TS 132 662 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Information Service (IS) (3GPP TS 32.662 version 11.0.0 Release 11)
- ETSI TS 132 671 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – State Management Integration Reference Point (IRP): Requirements (3GPP TS 32.671 version 11.0.0 Release 11)
- ETSI TS 132 672 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – State Management Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.672 version 11.0.0 Release 11)
- ETSI TS 132 691 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements (3GPP TS 32.691 version 11.0.0 Release 11)
- ETSI TS 132 711 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements (3GPP TS 32.711 version 11.0.0 Release 11)
- ETSI TS 132 712 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.712 version 11.0.0 Release 11)
- ETSI TS 132 721 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Repeater network resources Integration Reference Point (IRP): Requirements (3GPP TS 32.721 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Repeater network resources Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.722 version 11.0.0 Release 11)
- ETSI TS 132 731 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 32.731 version 11.0.0 Release 11)
- ETSI TS 132 732 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.732 version 11.0.0 Release 11)
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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 32.736 version 11.0.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Requirements (3GPP TS 32.741 version 11.0.0 Release 11)
- ETSI TS 132 742 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.742 version 11.0.0 Release 11)
- ETSI TS 132 751 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 32.751 version 11.0.0 Release 11)

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Digital cellular telecommunications system (Phase 2+) – 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 32.752 version 11.0.0 Release 11)
- ETSI TS 132 761 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.761 version 11.0.0 Release 11)
- ETSI TS 132 771 V11.0.0:2012
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 32.771 version 11.0.0 Release 11)
- ETSI TS 132 772 V11.0.0:2012
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 32.772 version 11.0.0 Release 11)
- ETSI TS 132 781 V11.0.0:2012
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 32.781 version 11.0.0 Release 11)
- ETSI TS 132 782 V11.0.0:2012
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 32.782 version 11.0.0 Release 11)
- ETSI TS 132 791 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Common Radio Access Technology (RAT) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements
(3GPP TS 32.791 version 11.0.0 Release 11)
- ETSI TS 132 792 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 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 32.792 version 11.0.0 Release 11)
- ETSI TS 133 105 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Cryptographic algorithm requirements
(3GPP TS 33.105 version 11.0.0 Release 11)
- ETSI TS 133 110 V11.0.1:2012
Universal Mobile Telecommunications System (UMTS) – Key establishment between a Universal Integrated Circuit Card (UICC) and a terminal
(3GPP TS 33.110 version 11.0.1 Release 11)
- ETSI TS 133 141 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Security
(3GPP TS 33.141 version 11.0.0 Release 11)
- ETSI TS 133 203 V11.2.0:2012
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 11.2.0 Release 11)
- ETSI TS 133 204 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 133 221 V11.0.1:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Generic Authentication Architecture (GAA) – Support for subscriber certificates
(3GPP TS 33.221 version 11.0.1 Release 11)
- ETSI TS 133 222 V11.2.2:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Generic Authentication Architecture (GAA) – Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)
(3GPP TS 33.222 version 11.2.2 Release 11)
- ETSI TS 133 234 V11.4.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Wireless Local Area Network (WLAN) interworking security
(3GPP TS 33.234 version 11.4.0 Release 11)
- ETSI TS 133 246 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Security of Multimedia Broadcast/Multicast Service (MBMS)
(3GPP TS 33.246 version 11.0.0 Release 11)
- ETSI TS 133 310 V11.1.1:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Network Domain Security (NDS) – Authentication Framework (AF)
(3GPP TS 33.310 version 11.1.1 Release 11)
- ETSI TS 133 320 V11.6.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Security of Home Node B (HNB) / Home evolved Node B (HeNB)
(3GPP TS 33.320 version 11.6.0 Release 11)
- ETSI TS 133 402 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security aspects of non-3GPP accesses
(3GPP TS 33.402 version 11.4.0 Release 11)
- ETSI TR 133 905 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Recommendations for Trusted Open Platforms
(3GPP TR 33.905 version 11.0.0 Release 11)
- ETSI TR 133 919 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 133 924 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 133 937 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Study of mechanisms for Protection against Unsolicited Communication for IMS (PUCI)
(3GPP TR 33.937 version 11.0.0 Release 11)
- ETSI TR 133 980 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 134 121-1 V10.4.0:2012
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 10.4.0 Release 10)
- ETSI TS 134 123-1 V10.2.2:2012
Universal Mobile Telecommunications System (UMTS)
– User Equipment (UE) conformance specification – Part 1: Protocol conformance specification
(3GPP TS 34.123-1 version 10.2.2 Release 10)
- ETSI TS 134 123-3 V9.5.0:2012
Universal Mobile Telecommunications System (UMTS)
– User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS)
(3GPP TS 34.123-3 version 9.5.0 Release 9)
- ETSI TS 134 124 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment
(3GPP TS 34.124 version 11.0.0 Release 11)
- ETSI TS 134 131 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS)
– LTE – Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API)
(3GPP TS 34.131 version 11.0.0 Release 11)
- ETSI TR 134 926 V11.0.1:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Electromagnetic compatibility (EMC) – Table of international requirements for mobile terminals and ancillary equipment
(3GPP TR 34.926 version 11.0.1 Release 11)
- ETSI TS 135 201 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 202 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 203 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 204 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 205 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 206 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 207 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 208 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 215 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 216 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 217 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 218 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 909 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 135 919 V11.0.0:2012
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 11.0.0 Release 11)

- ETSI TS 136 101 V10.8.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.8.0 Release 10)
- ETSI TS 136 101 V11.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.2.0 Release 11)
- ETSI TS 136 104 V9.13.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 9.13.0 Release 9)
- ETSI TS 136 104 V10.8.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 10.8.0 Release 10)
- ETSI TS 136 104 V11.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 11.2.0 Release 11)
- ETSI TS 136 113 V11.1.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC) (3GPP TS 36.113 version 11.1.0 Release 11)
- ETSI TS 136 116 V11.0.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay radio transmission and reception (3GPP TS 36.116 version 11.0.0 Release 11)
- ETSI TS 136 124 V11.1.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 11.1.0 Release 11)
- ETSI TS 136 133 V8.19.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 8.19.0 Release 8)
- ETSI TS 136 133 V9.13.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 9.13.0 Release 9)
- ETSI TS 136 133 V10.8.1:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 10.8.1 Release 10)
- ETSI TS 136 133 V11.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 11.2.0 Release 11)
- ETSI TS 136 141 V11.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 11.2.0 Release 11)
- ETSI TS 136 300 V11.3.0:2012
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 11.3.0 Release 11)
- ETSI TS 136 307 V8.7.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.7.0 Release 8)
- ETSI TS 136 307 V9.7.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.7.0 Release 9)
- ETSI TS 136 307 V10.5.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 10.5.0 Release 10)
- ETSI TS 136 307 V11.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 11.2.0 Release 11)
- ETSI TS 136 331 V9.12.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 9.12.0 Release 9)
- ETSI TS 136 331 V10.7.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 10.7.0 Release 10)
- ETSI TS 136 331 V11.1.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 11.1.0 Release 10)
- ETSI TS 136 443 V11.0.0:2012
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M2 Application Protocol (M2AP) (3GPP TS 36.443 version 11.0.0 Release 11)
- ETSI TS 136 508 V10.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 10.2.0 Release 10)
- ETSI TS 136 521-1 V10.3.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 10.3.0 Release 10)
- ETSI TS 136 521-2 V9.9.0:2012
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 9.9.0 Release 9)
- ETSI TS 136 521-3 V9.10.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 9.10.0 Release 9)
- ETSI TS 136 523-1 V10.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 10.2.0 Release 10)

- ETSI TS 136 523-1 V11.0.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification
(3GPP TS 36.523-1 version 11.0.0 Release 11)
- ETSI TS 136 523-2 V9.10.0:2012
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 9.10.0 Release 9)
- ETSI TS 136 523-2 V10.2.0:2012
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 10.2.0 Release 10)
- ETSI TS 136 523-2 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TR 136 913 V11.0.0:2012
LTE – Requirements for further advancements for Evolved Universal Terrestrial Radio Access (E-UTRA) (LTE-Advanced)
(3GPP TR 36.913 version 11.0.0 Release 11)
- ETSI TS 137 113 V11.1.0:2012
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) Electromagnetic Compatibility (EMC)
(3GPP TS 37.113 version 11.1.0 Release 11)
- ETSI TS 137 320 V11.1.0:2012
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 11.2.0 Release 11)
- ETSI TR 137 976 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Measurement of radiated performance for Multiple Input Multiple Output (MIMO) and multi-antenna reception for Hgth Speed Packet Access (HSPA) and LTE terminals
(3GPP TR 37.976 version 11.0.0 Release 11)
- ETSI TR 141 031 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Fraud Information Gathering System (FIGS) – Service requirements – Stage 0
(3GPP TR 41.031 version 11.0.0 Release 11)
- ETSI TR 141 033 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Lawful Interception requirements for GSM
(3GPP TR 41.033 version 11.0.0 Release 11)
- ETSI TR 142 033 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Lawful Interception – Stage 1
(3GPP TS 42.033 version 11.0.0 Release 11)
- ETSI TR 143 005 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Technical performance objectives
(3GPP TR 43.005 version 5.0.0 Release 5)
- ETSI TR 143 020 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Security related network functions
(3GPP TS 43.020 version 11.0.0 Release 11)
- ETSI TR 143 033 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – 3G security – Lawful Interception – Stage 2
(3GPP TS 43.033 version 11.0.0 Release 11)
- ETSI TR 143 073 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Support of Localised Service Area (SoLSA) – Stage 2
(3GPP TS 43.073 version 11.0.0 Release 11)
- ETSI TS 144 056 V11.0.1:2012
Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS radio interface layer 3 specification
(3GPP TS 44.056 version 11.0.1 Release 11)
- ETSI TS 144 057 V11.0.1:2012
Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS supervising system layer 3 specification
(3GPP TS 44.057 version 11.0.1 Release 11)
- ETSI TS 144 064 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 144 318 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Generic Access Network (GAN) – Mobile GAN interface layer 3 specification
(3GPP TS 44.318 version 11.0.0 Release 11)
- ETSI TR 145 914 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Circuit switched voice capacity evolution for GSM/EDGE Radio Access Network (GERAN)
(3GPP TR 45.914 version 11.0.0 Release 11)
- ETSI TS 146 008 V11.0.1:2012
Digital cellular telecommunications system (Phase 2+) – Half Rate Speech – Performance Characterization of the GSM Half Rate speech codec
(3GPP TS 46.008 version 11.0.1 Release 11)
- ETSI TS 148 049 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 151 010-4 V4.24.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification
(3GPP TS 51.010-4 version 4.24.0 Release 4)
- ETSI TS 151 021 V9.10.0:2012
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects
(3GPP TS 51.021 version 9.10.0 Release 9)
- ETSI TS 151 021 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects
(3GPP TS 51.021 version 10.6.0 Release 10)
- ETSI TS 151 021 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects
(3GPP TS 51.021 version 11.0.0 Release 11)

- ETSI TS 152 008 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Telecommunication management – GSM subscriber and equipment trace
(3GPP TS 52.008 version 11.0.0 Release 11)
- ETSI TS 152 402 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Telecommunication management – Performance Management (PM) – Performance measurements – GSM (3GPP TS 52.402 version 11.0.0 Release 11)
- ETSI TS 155 205 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 155 216 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 155 217 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 155 218 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 155 226 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 155 236 V11.0.0:2012
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 11.0.0 Release 11)
- ETSI TS 155 919 V11.0.0:2012
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 11.0.0 Release 11)

33.100.01 Elektromagnetska kompatibilnost općenito

Međunarodna normizacija IEC

- IEC 61326-2-1:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-1: Particular requirements – Test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications
- IEC 61326-2-2:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-2: Particular requirements – Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems
- IEC 61326-2-5:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-5: Particular requirements – Test configurations, operational conditions and performance criteria for field devices with field bus interfaces according to IEC 61784-1
- IEC 62040-2:2005/Corr.1:2012
Uninterruptible power systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements – Corrigendum 1

33.100.10 Zračenje

Europska normizacija ETSI

- ETSI TR 101 538 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – UWB location tracking devices in the railroad environment
- ETSI TS 103 085 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) using Ultra Wide Band (UWB) for Location and Tracking railroad applications – RF conformance testing

33.120.10 Koaksijalni kabeli. Valovodi

Međunarodna normizacija IEC

- IEC 60096-0-1:2012
Radio frequency cables – Part 0-1: Guide to the design of detail specifications – Coaxial cables
- IEC 61196-1-308:2012
Coaxial communication cables – Part 1-308: Mechanical test methods – Test for tensile strength and elongation for copper-clad metals

33.120.30 RF konektori

Međunarodna normizacija IEC

- IEC 62037-2:2012
Passive RF and microwave devices, intermodulation level measurement – Part 2: Measurement of passive intermodulation in coaxial cable assemblies

33.160.50 Pribor

Međunarodna normizacija IEC

- IEC 60268-7:2010/Corr.1:2012
Sound system equipment – Part 7: Headphones and earphones; Corrigendum 1

33.170 Televizijski i radijski prijenos

Europska normizacija ETSI

- ETSI TS 101 154 V1.11.1:2012
Digital Video Broadcasting (DVB) – Specification for the use of Video and Audio Coding in Broadcasting Applications based on the MPEG-2 Transport Stream
- ETSI TS 101 547-1 V1.1.1:2012
Digital Video Broadcasting (DVB) – Plano-stereoscopic 3DTV – Part 1: Overview of the multipart
- ETSI TS 101 547-2 V1.2.1:2012
Digital Video Broadcasting (DVB) – Plano-stereoscopic 3DTV – Part 2: Frame Compatible Plano-stereoscopic 3DTV
- ETSI TS 101 547-3 V1.1.1:2012
Digital Video Broadcasting (DVB) – Plano-stereoscopic 3DTV – Part 3: HDTV Service Compatible Plano-stereoscopic 3DTV
- ETSI TS 102 114 V1.4.1:2012
DTS Coherent Acoustics – Core and Extensions with Additional Profiles
- ETSI TS 102 796 V1.2.1:2012
Hybrid Broadcast Broadband TV
- ETSI TS 102 821 V1.4.1:2012
Digital Radio Mondiale (DRM) – Distribution and Communications Protocol (DCP)

Međunarodna normizacija IEC

- IEC 62553:2012
Methods of measurement for digital network – Performance characteristics of terrestrial digital multimedia transmission network

33.180.01 Svjetlovodni sustavi općenito

Međunarodna normizacija IEC

- IEC 61280-2-2:2012
Fibre optic communication subsystem test procedures – Part 2-2: Digital systems – Optical eye pattern, waveform and extinction ratio measurement

33.180.10 Svjetlovodna vlakna i kabeli

Međunarodna normizacija IEC

- IEC 60793-1-54:2012
Optical fibres – Part 1-54: Measurement methods and test procedures – Gamma irradiation
- IEC 60793-2-30:2012
Optical fibres – Part 2-30: Product specifications – Sectional specification for category A3 multimode fibres
- IEC 60794-2-31:2012
Optical fibre cables – Part 2-31: Indoor cables – Detailed specification for optical fibre ribbon cables for use in premises cabling

IEC 60794-4-20:2012

Optical fibre cables – Part 4-20: Aerial optical cables along electrical power lines – Family specification for ADSS (All Dielectric Self Supported) optical cables

33.180.20 Svjetlovodni vezne naprave

Europska normizacija CENELEC

- EN 50411-3-1:2012/AC:2012
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-1: Fibre management system, splice wall box, for category C & G
- EN 50516-1-1:2011/AC:2012
Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 1-1: Type SC-RJ PC industrial terminated on EN 60793-2-10 category A1a and A1b multimode fibre to meet the requirements of category I (industrial environments) as specified in IEC/PAS 61753-1-3
- EN 61300-2-10:2012
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-10: Tests – Crush resistance (IEC 61300-2-10:2012)
- EN 61753-061-2:2012
Fibre optic interconnecting devices and passive components – Performance standard – Part 061-2: Non-connectorized single-mode fibre optic pigtailed isolators for category C – Controlled environment (IEC 61753-061-2:2012)

Međunarodna normizacija IEC

- IEC 61300-2-11:2012
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-11: Tests – Axial compression
- IEC 61300-2-12:2009/Corr.1:2011
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-12: Tests – Impact; Corrigendum 1
- IEC 61300-2-14:2012
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-14: Tests – High optical power
- IEC 61300-2-19:2012
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-19: Tests – Damp heat (steady state)
- IEC 61300-2-46:2006/Corr.1:2012
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-46: Tests – Damp heat, cyclic
- IEC 61753-091-2:2012
Fibre optic interconnecting devices and passive components – Performance standard – Part 091-2: Non-connectorized single-mode fibre optic pigtailed circulators for category C – Controlled environments
- IEC 61753-022-2:2012
Fibre optic interconnecting devices and passive components – Performance standard – Part 022-2: Fibre optic connectors terminated on multimode fibre for category C – Controlled environment

IEC 61753-143-2:2012

Fibre optic interconnecting devices and passive components – Performance standard – Part 143-2: Optical passive VIPA-based dispersion compensator of single-mode fibre transmission for category C – Controlled environment

33.180.99 Ostala svjetlovodna oprema

Europska normizacija CENELEC

CLC/TR 50510:2012

Fibre optic access to end-user – A guideline to building of FTTH fibre optic network

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija ETSI

ETSI TR 102 935 V2.1.1:2012

Machine-to-Machine communications (M2M) – Applicability of M2M architecture to Smart Grid Networks – Impact of Smart Grids on M2M platform

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija

ISO

ISO/IEC 27013:2012

Information technology – Security techniques – Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1

IEC

IEC 62623:2012

Desktop and notebook computers – Measurement of energy consumption

35.040 Skupovi znakova i kodiranje informacija

Međunarodna normizacija

ISO

ISO/IEC 14496-3:2009/Cor 4:2012

Information technology – Coding of audio-visual objects – Part 3: Audio

ISO/IEC 14496-5:2001/Amd 24:2009/Cor 1:2012

Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 24: Reference software for AAC-ELD

ISO/IEC 14651:2011/Amd 1:2012

Information technology – International string ordering and comparison – Method for comparing character strings and description of the common template tailorable ordering

ISO/IEC TR 15443-1:2012

Information technology – Security techniques – Security assurance framework – Part 1: Introduction and concepts

ISO/IEC TR 15443-2:2012

Information technology – Security techniques – Security assurance framework – Part 2: Analysis

ISO/IEC 17826:2012

Information technology – Cloud Data Management Interface (CDMI)

ISO/IEC TR 27015:2012

Information technology – Security techniques – Information security management guidelines for financial services

ISO/IEC 15938-5:2003/Amd 4:2012

Information technology – Multimedia content description interface – Part 5: Multimedia description schemes – Amendment 4: Social metadata

ISO/IEC 15938-12:2012

Information technology – Multimedia content description interface – Part 12: Query format

ISO/IEC 23001-7:2012/Amd 1:2012

Information technology – MPEG systems technologies – Part 7: Common encryption in ISO base media file format files – Amendment 1: AES-CBC-128 and key rotation

ISO/IEC 23007-2:2012

Information technology – Rich media user interfaces – Part 2: Advanced user interaction (AUI) interfaces

ISO/IEC 27013:2012

Information technology – Security techniques – Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1

ISO/IEC 27037:2012

Information technology – Security techniques – Guidelines for identification, collection, acquisition and preservation of digital evidence

ISO/IEC 29192-3:2012

Information technology – Security techniques – Lightweight cryptography – Part 3: Stream ciphers

IEC

IEC/TR 62351-10:2012

Power systems management and associated information exchange – Data and communications security – Part 10: Security architecture guidelines

35.080 Softver (programaska podrška)

Međunarodna normizacija

ISO

ISO/IEC 14143-6:2012

Information technology – Software measurement – Functional size measurement – Part 6: Guide for use of ISO/IEC 14143 series and related International Standards

ISO/IEC 15026-4:2012

Systems and software engineering – Systems and software assurance – Part 4: Assurance in the life cycle

ISO/IEC 25021:2012

Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Quality measure elements

ISO/IEC 25041:2012

Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Evaluation guide for developers, acquirers and independent evaluators

ISO/IEC 40500:2012

Information technology – W3C Web Content Accessibility Guidelines (WCAG) 2.0

35.100.10 Fizikalni sloj

Međunarodna normizacija

ISO

ISO/IEC TR 20002:2012

Information technology – Telecommunications and information exchange between systems – Managed P2P: Framework

35.100.60 Sloj prikazivanja

Međunarodna normizacija

ISO

ISO/IEC 25437:2012
Information technology – Telecommunications and information exchange between systems – WS-Session – Web services for application session services

35.110 Umrežavanje

Europska normizacija

ETSI

ETSI TS 102 990 V1.1.1:2012
Media Content Distribution (MCD) – CDN Interconnection, use cases and requirements

Međunarodna normizacija

ISO

ISO/IEC/IEEE 8802-11:2012
Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications

IEC

IEC/TR 80001-2-4:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-4: Application guidance – General implementation guidance for healthcare delivery organizations

35.160 Mikroprocesorski sustavi

Međunarodna normizacija

IEC

IEC 62227:2008/am1:2012
Amendment 1 – Multimedia home server systems – Digital rights permission code

IEC 62227 Edition 1.1:2012
Multimedia home server systems – Digital rights permission code

IEC 62623:2012
Desktop and notebook computers – Measurement of energy consumption

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija

ISO

ISO/IEC 9995-2:2009/Amd 1:2012
Information technology – Keyboard layouts for text and office systems – Part 2: Alphanumeric section – Amendment 1: Numeric keypad emulation

ISO/IEC 9995-7:2009/Amd 1:2012
Information technology – Keyboard layouts for text and office systems – Part 7: Symbols used to represent functions

ISO/IEC TR 13066-2:2012
Information technology – Interoperability with Assistive Technology (AT) – Part 2: Windows accessibility application programming interface (API)

35.200 Sučelna i spojna oprema

Međunarodna normizacija

ISO

ISO/IEC 14776-261:2012
Information technology – Small Computer System Interface (SCSI) – Part 261: SAS Protocol Layer (SPL)

ISO/IEC 14908-1:2012
Information technology – Control network protocol – Part 1: Protocol stack

35.240.15 Identifikacijske kartice i pripadajuće naprave

Europska normizacija

ETSI

ETSI TS 102 622 V11.1.0:2012
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Host Controller Interface (HCI) (Release 11)

ETSI TS 102 695-1 V8.2.0:2012
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 1: Terminal features (Release 8)

ETSI TS 102 695-2 V8.1.0:2012
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 2: UICC features (Release 8)

Međunarodna normizacija

ISO

ISO/IEC 10373-1:2006/Amd 1:2012
Identification cards – Test methods – Part 1: General characteristics

ISO/IEC 10373-6:2011/Amd 2:2012
Identification cards – Test methods – Part 6: Proximity cards – Amendment 2: Test methods for electromagnetic disturbance

ISO/IEC 11693-1:2012
Identification cards – Optical memory cards – Part 1: General characteristics

ISO/IEC 11694-1:2012
Identification cards – Optical memory cards – Linear recording method – Part 1: Physical characteristics

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija

ISO

ISO 19005-3:2012
Document management – Electronic document file format for long-term preservation – Part 3: Use of ISO 32000-1 with support for embedded files (PDF/A-3)

35.240.50 Primjene IT-a u industriji

Međunarodna normizacija

ISO

ISO 10303-233:2012
Industrial automation systems and integration – Product data representation and exchange – Part 233: Application protocol: Systems engineering

ISO 10303-239:2012
Industrial automation systems and integration – Product data representation and exchange – Part 239: Application protocol: Product life cycle support

IEC

- IEC 61131-6:2012
Programmable controllers – Part 6: Functional safety
- IEC 61499-1:2012
Function blocks – Part 1: Architecture
- IEC 61499-2:2012
Function blocks – Part 2: Software tool requirements
- IEC/TR 62357-1:2012
Power systems management and associated information exchange – Part 1: Reference architecture
- IEC 62382:2012
Control systems in the process industry – Electrical and instrumentation loop check
- IEC/TR 62794:2012
Industrial-process measurement, control and automation – Reference model for representation of production facilities (digital factory)

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija

CEN

- EN 14116:2012
Tanks for transport of dangerous goods – Digital interface for product recognition devices for liquid fuels

ETSI

- ETSI TS 102 723-1 V1.1.1:2012
Intelligent Transport Systems (ITS) – OSI cross-layer topics – Part 1: Architecture and addressing schemes
- ETSI TS 102 723-2 V1.1.1:2012
Intelligent Transport Systems (ITS) – OSI cross-layer topics – Part 2: Management information base
- ETSI TS 102 723-3 V1.1.1:2012
Intelligent Transport Systems (ITS) – OSI cross-layer topics – Part 3: Interface between management entity and access layer
- ETSI TS 102 723-4 V1.1.1:2012
Intelligent Transport Systems (ITS) – OSI cross-layer topics – Part 4: Interface between management entity and networking & transport layer
- ETSI TS 102 723-5 V1.1.1:2012
Intelligent Transport Systems (ITS) – OSI cross-layer topics – Part 5: Interface between management entity and facilities layer
- ETSI TS 102 723-10 V1.1.1:2012
Intelligent Transport Systems (ITS) – OSI cross-layer topics – Part 10: Interface between access layer and networking & transport layer
- ETSI TS 102 724 V1.1.1:2012
Intelligent Transport Systems (ITS) – Harmonized Channel Specifications for Intelligent Transport Systems operating in the 5 GHz frequency band
- ETSI TS 102 792 V1.1.1:2012
Intelligent Transport Systems (ITS) – Mitigation techniques to avoid interference between European CEN Dedicated Short Range Communication (CEN DSRC) equipment and Intelligent Transport Systems (ITS) operating in the 5 GHz frequency range
- ETSI TR 102 960 V1.1.1:2012
Intelligent Transport Systems (ITS) – Mitigation techniques to avoid interference between European CEN Dedicated Short Range Communication (RTTT DSRC) equipment and Intelligent Transport Systems (ITS) operating in the 5 GHz frequency range – Evaluation of mitigation methods and techniques

- ETSI TR 103 061-1 V1.1.1:2012
Intelligent Transport Systems (ITS) – Testing – Part 1: Conformance test specification for Co-operative Awareness Messages (CAM) – CAM validation report
- ETSI TR 103 061-2 V1.1.1:2012
Intelligent Transport Systems (ITS) – Testing – Part 2: Conformance test specification for Decentralized Environmental Notification basic Service Message (DENM) – DENM validation report
- ETSI TR 103 061-3 V1.1.1:2012
Intelligent Transport Systems (ITS) – Testing – Part 3: Conformance test specification for Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – GeoNetworking validation report
- ETSI TR 103 061-4 V1.1.1:2012
Intelligent Transport Systems (ITS) – Testing – Part 4: Conformance test specification for GeoNetworking Basic Transport Protocol (BTP) – GeoNetworking BTP validation report
- ETSI TR 103 061-5 V1.1.1:2012
Intelligent Transport Systems (ITS) – Testing – Part 5: IPv6 over GeoNetworking validation report
- ETSI TR 103 099 V1.1.1:2012
Intelligent Transport Systems (ITS) – Architecture of conformance validation framework

Međunarodna normizacija

ISO

- ISO 15638-1:2012
Intelligent transport systems – Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) – Part 1: Framework and architecture
- ISO/TR 26999:2012
Intelligent transport systems – Systems architecture – Use of process-oriented methodology in ITS International Standards and other deliverables

35.240.70 Primjene IT-a u znanosti

Europska normizacija

CEN

- CEN/TR 15449-1:2012
Geographic information – Spatial data infrastructures – Part 1: Reference model
- CEN/TR 15449-2:2012
Geographic information – Spatial data infrastructures – Part 2: Best practices
- CEN/TR 15449-3:2012
Geographic information – Spatial data infrastructures – Part 3: Data centric view
- EN ISO 19152:2012
Geographic information – Land Administration Domain Model (LADM) (ISO 19152:2012)

Međunarodna normizacija

ISO

- ISO 19152:2012
Geographic information – Land Administration Domain Model (LADM)
- ISO 19155:2012
Geographic information – Place Identifier (PI) architecture

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Europska normizacija CEN

- EN ISO 11073-10420:2012
Health informatics – Personal health device communication – Part 10420: Device specialization – Body composition analyzer (ISO 11073-10420:2012)
- EN ISO 11073-10421:2012
Health informatics – Personal health device communication – Part 10421: Device specialization – Peak expiratory flow monitor (peak flow) (ISO 11073-10421:2012)
- EN ISO 11073-10472:2012
Health Informatics – Personal health device communication – Part 10472: Device specialization – Medication monitor (ISO 11073-10472:2012)
- EN ISO 11073-30400:2012
Health informatics – Point-of-care medical device communication – Part 30400: Interface profile – Cabled Ethernet (ISO 11073-30400:2012)
- EN ISO 11238:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances (ISO 11238:2012)
- EN ISO 11239:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging (ISO 11239:2012)
- EN ISO 11240:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of units of measurement (ISO 11240:2012)
- EN ISO 11615:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2012)
- EN ISO 11616:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated pharmaceutical product information (ISO 11616:2012)
- EN ISO 13119:2012
Health informatics – Clinical knowledge resources – Metadata (ISO 13119:2012)

CENELEC

- EN 60601-2-44:2009/A1:2012
Medical electrical equipment – Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography (IEC 60601-2-44:2009/A1:2012)

Međunarodna normizacija ISO

- ISO/IEEE 11073-10406:2012
Health informatics – Personal health device communication – Part 10406: Device specialization – Basic electrocardiograph (ECG) (1- to 3-lead ECG)
- ISO/IEEE 11073-10420:2012
Health informatics – Personal health device communication – Part 10420: Device specialization – Body composition analyzer

- ISO/IEEE 11073-10421:2012
Health informatics – Personal health device communication – Part 10421: Device specialization – Peak expiratory flow monitor (peak flow)
- ISO/IEEE 11073-10472:2012
Health Informatics – Personal health device communication – Part 10472: Device specialization – Medication monitor
- ISO/IEEE 11073-30400:2012
Health informatics – Point-of-care medical device communication – Part 30400: Interface profile – Cabled Ethernet
- ISO 11238:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances
- ISO 11239:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging
- ISO 11240:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of units of measurement
- ISO 11615:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information
- ISO 11616:2012
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated pharmaceutical product information
- ISO 13119:2012
Health informatics – Clinical knowledge resources – Metadata

IEC

- IEC/TR 80001-2-4:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-4: Application guidance – General implementation guidance for healthcare delivery organizations

35.240.99 Primjene IT-a u ostalim područjima

Međunarodna normizacija ISO

- ISO 11783-2:2012/Cor 1:2012
Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 2: Physical layer
- ISO/IEC 14908-1:2012
Information technology – Control network protocol – Part 1: Protocol stack

IEC

- IEC 61968-1:2012
Application integration at electric utilities – System interfaces for distribution management – Part 1: Interface architecture and general recommendations
- IEC 62227:2008/am1:2012
Amendment 1 – Multimedia home server systems – Digital rights permission code
- IEC 62227 Edition 1.1:201
Multimedia home server systems – Digital rights permission code

37.020 Optička oprema

Međunarodna normizacija ISO

ISO 8039:2012
Microscopes – Values, tolerances and symbols for magnification

37.040.10 Fotografska oprema. Projektori

Međunarodna normizacija ISO

ISO/TR 17321-1:2012
Graphic technology and photography – Colour characterisation of digital still cameras (DSCs) – Part 1: Stimuli, metrology and test procedures

ISO/TR 17321-2:2012
Graphic technology and photography – Colour characterization of digital still cameras (DSCs) – Part 2: Considerations for determining scene analysis transforms

37.100.99 Ostale norme koje se odnose na grafičku tehnologiju

Međunarodna normizacija

ISO 19005-3:2012
Document management – Electronic document file format for long-term preservation – Part 3: Use of ISO 32000-1 with support for embedded files (PDF/A-3)

43.020 Cestovna vozila općenito

Međunarodna normizacija ISO

ISO 6487:2012
Road vehicles – Measurement techniques in impact tests – Instrumentation

43.040.10 Električna i elektronička oprema

Međunarodna normizacija ISO

ISO 16750-2:2012
Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 2: Electrical loads

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Međunarodna normizacija ISO

ISO/TR 12204:2012
Road vehicles – Ergonomic aspects of transport information and control systems – Introduction to integrating safety critical and time critical warning signals

43.040.70 Spojke

Međunarodna normizacija ISO

ISO 7641:2012
Road vehicles – Trailers up to 3,5 t – Calculation of the mechanical strength of steel drawbars

43.080.20 Autobusi

Međunarodna normizacija ISO

ISO 16121-1:2012
Road vehicles – Ergonomic requirements for the driver's workplace in line-service buses – Part 1: General description, basic requirements

43.140 Motocikli i mopedi

Europska normizacija CEN

EN 15997:2011/AC:2012
All terrain vehicles (ATVs – Quads) – Safety requirements and test methods

Međunarodna normizacija ISO

ISO 4164:2012
Mopeds – Engine test code – Net power

45.040 Materijali i sastavni dijelovi za željezničku tehniku

Europska normizacija CEN

EN 13104:2009+A2:2012
Railway applications – Wheelsets and bogies – Powered axles – Design method

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija CENELEC

EN 61881-2:2012
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 2: Aluminium electrolytic capacitors with non-solid electrolyte (IEC 61881-2:2012)

EN 61881-3:2012
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012)

Međunarodna normizacija IEC

IEC 61373:2010/Corr.1:2012
Railway applications – Rolling stock equipment – Shock and vibration tests

45.060.10 Vučna vozila

Europska normizacija CENELEC

EN 50317:2012/AC:2012
Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

45.060.20 Vozila za tegljenje

Europska normizacija CEN

EN 15839:2012
Railway applications – Testing for the acceptance of running characteristics of railway vehicles – Freight wagons – Testing of running safety under longitudinal compressive forces

47.020.01 Opće norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija ISO

ISO 16548:2012
Ships and marine technology – Ship design – General guidance on emergency towing procedures
ISO/PAS 18215:2012
Ships and marine technology – Vessel machinery operations in polar waters – Guidelines

47.020.20 Brodski motori i propulzijski sustavi

Međunarodna normizacija ISO

ISO 21487:2012
Small craft – Permanently installed petrol and diesel fuel tanks

47.020.50 Palubna oprema i instalacije

Međunarodna normizacija ISO

ISO 3730:2012
Shipbuilding and marine structures – Mooring winches

47.020.60 Električna oprema brodova i pomorskih konstrukcija

Europska normizacija CEN

EN ISO 13297:2012
Small craft – Electrical systems – Alternating current installations (ISO 13297:2012)

Međunarodna normizacija ISO

ISO 13297:2012
Small craft – Electrical systems – Alternating current installations

47.020.70 Oprema za navigaciju i upravljanje

Međunarodna normizacija IEC

IEC 61993-2:2012
Maritime navigation and radiocommunication equipment and systems – Automatic identification systems (AIS) – Part 2: Class A shipborne equipment of the automatic identification system (AIS) – Operational and performance requirements, methods of test and required test results

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija ISO

ISO 16145-1:2012
Ships and marine technology – Protective coatings and inspection method – Part 1: Dedicated sea water ballast tanks
ISO 16145-2:2012
Ships and marine technology – Protective coatings and inspection method – Part 2: Void spaces of bulk carriers and oil tankers
ISO 16145-3:2012
Ships and marine technology – Protective coatings and inspection method – Part 3: Cargo oil tanks of crude oil tankers

47.080 Mala plovila

Europska normizacija CEN

EN ISO 13297:2012
Small craft – Electrical systems – Alternating current installations (ISO 13297:2012)
EN ISO 21487:2012
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012)

Međunarodna normizacija ISO

ISO 13297:2012
Small craft – Electrical systems – Alternating current installations
ISO 21487:2012
Small craft – Permanently installed petrol and diesel fuel tanks

49.025.01 Materijali za zrakoplovne konstrukcije općenito

Europska normizacija CEN

EN 4632-004:2012
Aerospace series – Weldability and brazeability of materials in aerospace constructions – Part 004: Welding and brazing of homogeneous assemblies of high alloyed steels

49.080 Hidraulični i pneumatski sustavi i sastavni dijelovi za zrakoplove

Međunarodna normizacija ISO

ISO 6772:2012
Aerospace – Fluid systems – Impulse testing of hydraulic hose, tubing and fitting assemblies

49.100 Zemaljska služba i oprema za održavanje

Međunarodna normizacija ISO

ISO 11076:2012
Aircraft – De-icing/anti-icing methods on the ground
ISO 11532:2012
Aircraft ground equipment – Graphical symbols

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

ISO/TR 11225:2012
Space environment (natural and artificial) – Guide to reference and standard atmosphere models
ISO 14200:2012
Space environment (natural and artificial) – Guide to process-based implementation of meteoroid and debris environmental models (orbital altitudes below GEO + 2 000 km)

53.020.01 Uređaji za dizanje općenito

Međunarodna normizacija ISO

ISO 7752-1:2010/Amd 1:2012
Cranes – Control layout and characteristics – Part 1: General principles

53.020.20 Dizalice

Međunarodna normizacija ISO

ISO 15442:2012
Cranes – Safety requirements for loader cranes

53.040.20 Sastavni dijelovi za prijenosne trake

Europska normizacija CEN

EN ISO 1120:2012
Conveyor belts – Determination of strength of mechanical fastenings – Static test method (ISO 1120:2012)

Međunarodna normizacija ISO

ISO 251:2012
Conveyor belts with textile carcass – Widths and lengths

ISO 1120:2012
Conveyor belts – Determination of strength of mechanical fastenings – Static test method

ISO 4195:2012
Conveyor belts with heat-resistant rubber covers – Heat resistance of covers – Requirements and test methods

ISO 5285:2012
Conveyor belts – Guidelines for storage and handling

ISO 18573:2012
Conveyor belts – Test atmospheres and conditioning periods

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

ISO 10987:2012
Earth-moving machinery – Sustainability – Terminology, sustainability factors and reporting

55.020 Ambalaža, pakiranje i distribucija robe općenito

Međunarodna normizacija ISO

ISO 3394:2012
Packaging – Complete, filled transport packages and unit loads – Dimensions of rigid rectangular packages

ISO 3676:2012
Packaging – Complete, filled transport packages and unit loads – Unit load dimensions

ISO 13127:2012/Cor 1:2012
Packaging – Child resistant packaging – Mechanical test methods for reclosable child resistant packaging systems

55.040 Materijali i pribor za ambalažu i pakiranje

Europska normizacija CEN

EN ISO 13127:2012
Packaging – Child resistant packaging – Mechanical test methods for reclosable child resistant packaging systems (ISO 13127:2012)

Međunarodna normizacija ISO

ISO 13127:2012
Packaging – Child resistant packaging – Mechanical test methods for reclosable child resistant packaging systems

59.080.01 Tekstili općenito

Europska normizacija CEN

EN 31092:1993/A1:2012
Textiles – Physiological effects – Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test) – Amendment 1 (ISO 11092:1993/Amd1:2012)

EN ISO 105-A11:2012
Textiles – Tests for colour fastness – Part A11: Determination of colour fastness grades by digital imaging techniques (ISO 105-A11:2012)

59.080.30 Tekstilni proizvodi

Europska normizacija

CEN

CEN/TR 16422:2012
Classification of thermoregulatory properties

59.140.30 Koža i krzno

Europska normizacija

CEN

EN 16223:2012
Leather – Requirements for the designation and description of leather in upholstery and automotive interior applications

EN ISO 11640:2012
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing (ISO 11640:2012)

EN ISO 11641:2012
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing (ISO 11640:2012)

EN ISO 11642:2012
Leather – Tests for colour fastness – Colour fastness to water (ISO 11642:2012)

EN ISO 14268:2012
Leather – Physical and mechanical tests – Determination of water vapour permeability (ISO 14268:2012)

EN ISO 20433:2012
Leather – Tests for colour fastness – Colour fastness to crocking (ISO 20433:2012)

Međunarodna normizacija

ISO

ISO 11640:2012
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing

ISO 11641:2012
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing

ISO 11642:2012
Leather – Tests for colour fastness – Colour fastness to water

ISO 14268:2012
Leather – Physical and mechanical tests – Determination of water vapour permeability

ISO 20433:2012
Leather – Tests for colour fastness – Colour fastness to crocking

61.060 Obuća

Europska normizacija

CEN

CEN/TR 16417:2012
Footwear – Footwear industry guideline for substances of very high concern (Annex XIV of REACH)

Međunarodna normizacija

ISO

ISO 16177:2012
Footwear – Resistance to crack initiation and growth – Belt flex method

65.020.30 Stočarstvo i uzgoj

Europska normizacija

CEN

CWA 16520:2012
Guide dog mobility instructor – Competences

Međunarodna normizacija

IEC

IEC 60335-2-87:2003/am2:2012
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-87: Particular requirements for electrical animal-stunning equipment

65.040.01 Gospodarske zgrade i instalacije općenito

Europska normizacija

CEN/CENELEC

HD 60364-7-705:2007/A11:2012
Low-voltage electrical installations – Part 7-705: Requirements for special installations or locations – Agricultural and horticultural premises

65.040.10 Nastambe, instalacije i oprema za stoku

Međunarodna normizacija

IEC

IEC 60335-2-71:2005/am2:2012
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals

IEC 60335-2-71 Edition 2.2:2012
Household and similar electrical appliances – Safety – Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals

IEC 60335-2-87 Edition 2.2:2012
Household and similar electrical appliances – Safety – Part 2-87: Particular requirements for electrical animal-stunning equipment

65.060.01 Poljoprivredni strojevi i oprema općenito

Međunarodna normizacija

ISO

ISO 11783-2:2012/Cor 1:2012
Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 2: Physical layer

65.060.25 Oprema za čuvanje, pripremu i distribuciju gnojiva

Europska normizacija

CEN

EN 13739-2:2011/AC:2012
Agricultural machinery – Solid fertilizer broadcasters and full width distributors – Environmental protection – Part 2: Test methods

65.060.30 Oprema za sjetvu i sadnju

Međunarodna normizacija ISO

- ISO 16438:2012
Agricultural irrigation equipment – Thermoplastic collapsible hoses for irrigation – Specifications and test methods

65.060.35 Oprema za navodnjavanje i isušivanje

Međunarodna normizacija ISO

- ISO/TR 15155-2:2012
Agricultural irrigation equipment – Test facilities for agricultural irrigation equipment – Part 2: Test facility operating manual

65.150 Ribolov i uzgoj riba

Međunarodna normizacija IEC

- IEC 60335-2-86:2004/am2:2012
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines
- IEC 60335-2-86 Edition 2.2:2012
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 3308:2012
Routine analytical cigarette-smoking machine – Definitions and standard conditions
- ISO 13110:2012
Cigarettes – Determination of menthol in smoke condensates – Gas-chromatographic method
- ISO 20193:2012
Tobacco and tobacco products – Determination of the width of the strands of cut tobacco

67.240 Senzorske analize

Međunarodna normizacija ISO

- ISO 11132:2012
Sensory analysis – Methodology – Guidelines for monitoring the performance of a quantitative sensory panel

71.040.20 Laboratorijsko posuđe i odgovarajuća aparatura

Europska normizacija CEN

- EN ISO 6556:2012
Laboratory glassware – Filter flasks (ISO 6556:2012)

Međunarodna normizacija ISO

- ISO 6556:2012
Laboratory glassware – Filter flasks

71.100.35 Kemikalije za dezinfekciju u industriji i kućanstvima

Europska normizacija CEN

- EN 14204:2012
Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements (phase 2, step 1)
- EN 14349:2012
Chemical disinfectants and antiseptics – Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action – Test method and requirements (phase 2, step 2)

71.100.60 Eterična ulja

Međunarodna normizacija ISO

- ISO 1342:2012
Essential oil of rosemary (*Rosmarinus officinalis* L.)

71.100.80 Kemikalije za pročišćivanje vode

Europska normizacija CEN

- EN 896:2012
Chemicals used for treatment of water intended for human consumption – Sodium hydroxide
- EN 897:2012
Chemicals used for treatment of water intended for human consumption – Sodium carbonate
- EN 898:2012
Chemicals used for treatment of water intended for human consumption – Sodium hydrogen carbonate
- EN 1421:2012
Chemicals used for treatment of water intended for human consumption – Ammonium chloride
- EN 12120:2012
Chemicals used for treatment of water intended for human consumption – Sodium hydrogen sulfite
- EN 12121:2012
Chemicals used for treatment of water intended for human consumption – Sodium disulfite
- EN 12123:2012
Chemicals used for treatment of water intended for human consumption – Ammonium sulfate
- EN 12124:2012
Chemicals used for treatment of water intended for human consumption – Sodium sulfite
- EN 12125:2012
Chemicals used for treatment of water intended for human consumption – Sodium thiosulfate
- EN 12126:2012
Chemicals used for treatment of water intended for human consumption – Liquefied ammonia

73.020 Rudarstvo i vađenje kamena

Europska normizacija

CEN

CEN/TR 16365:2012

Characterization of waste – Sampling of waste from extractive industries

75.060 Prirodni plin

Europska normizacija

CEN

EN ISO 6974-1:2012/AC:2012

Natural gas – Determination of composition and associated uncertainty by gas chromatography – Part 1: General guidelines and calculation of composition – Technical Corrigendum 1 (ISO 6974-1:2012/Cor1:2012)

Međunarodna normizacija

ISO

ISO 6974-1:2012/Cor 1:2012

Natural gas – Determination of composition and associated uncertainty by gas chromatography – Part 1: General guidelines and calculation of composition; Technical Corrigendum 1

75.160.20 Tekuća goriva

Europska normizacija

CEN

EN 228:2012

Automotive fuels – Unleaded petrol – Requirements and test methods

75.180.30 Volumetrijska oprema i mjerenja

Međunarodna normizacija

ISO

ISO 8310:2012

Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels – General requirements for automatic tank thermometers on board marine carriers and floating storage

ISO 16384:2012

Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels – Dimethylether (DME) – Measurement and calculation on board ships

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Međunarodna normizacija

ISO

ISO 12176-1:2012

Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 1: Butt fusion

ISO 12991:2012

Liquefied natural gas (LNG) – Tanks for on-board storage as a fuel for automotive vehicles

77.040.30 Kemijska analiza metala

Europska normizacija

CEN

EN 10071:2012

Chemical analysis of ferrous materials – Determination of manganese in steels and irons – Electrometric titration method

EN 10200:2012

Chemical analysis of ferrous materials – Determination of boron in steels – Spectrophotometric method

77.140.15 Čelici za armiranje betona

Međunarodna normizacija

ISO

ISO 15698-1:2012

Steel for the reinforcement of concrete – Headed bars – Part 1: Requirements

ISO 15698-2:2012

Steel for the reinforcement of concrete – Headed bars – Part 2: Test methods

77.140.50 Proizvodi i poluproizvodi od plosnatog čelika

Međunarodna normizacija

ISO

ISO 5950:2012

Electrolytic tin-coated cold-reduced carbon steel sheet of commercial and drawing qualities

ISO 16160:2012

Hot-rolled steel sheet products – Dimensional and shape tolerances

77.150.30 Proizvodi od bakra

Europska normizacija

CEN

EN 1976:2012

Copper and copper alloys – Cast unwrought copper products

77.160 Metalurgija praha

Europska normizacija

CEN

EN ISO 7625:2012

Sintered metal materials, excluding hardmetals – Preparation of samples for chemical analysis for determination of carbon content (ISO 7625:2012)

EN ISO 13944:2012

Lubricated metal-powder mixes – Determination of lubricant content – Soxhlet extraction method (ISO 13944:2012)

Međunarodna normizacija

ISO

ISO 7625:2012

Sintered metal materials, excluding hardmetals – Preparation of samples for chemical analysis for determination of carbon content

77.180 Oprema za metaluršku industriju

Europska normizacija

CEN

- EN 1369:2012
Founding – Magnetic particle testing

79.040 Drvo, trupci i piljena građa

Europska normizacija

CEN

- EN 1316-1:2012
Hardwood round timber – Qualitative classification – Part 1: Oak and beech
- EN 1316-2:2012
Hardwood round timber – Qualitative classification – Part 2: Poplar
- CEN/TR 16420:2012
Analytical Method for the Analysis of Propiconazole in treated Wood Samples

79.120.10 Strojevi za obradu drva

Europska normizacija

CEN

- EN 848-1:2007+A2:2012
Safety of woodworking machines – One side moulding machines with rotating tool – Part 1: Single spindle vertical moulding machines
- EN 848-2:2007+A2:2012
Safety of woodworking machines – One side moulding machines with rotating tool – Part 2: Single spindle hand fed/integrated fed routing machines
- EN 848-3:2012
Safety of woodworking machines – One side moulding machines with rotating tool – Part 3: Numerically controlled (NC) boring and routing machines
- EN 1870-7:2012
Safety of woodworking machines – Circular sawing machines – Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading
- EN 1870-15:2012
Safety of woodworking machines – Circular sawing machines – Part 15: Multi-blade cross-cut sawing machines with integrated feed of the workpiece and manual loading and/or unloading
- EN 1870-16:2012
Safety of woodworking machines – Circular sawing machines – Part 16: Double mitre sawing machines for V cutting
- EN 1870-17:2012
Safety of woodworking machines – Circular sawing machines – Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws)

81.060.30 Tehnička keramika

Međunarodna normizacija

ISO

- ISO 14603:2012
Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for open-hole tension of continuous fibre-reinforced ceramic matrix composites at room temperature

ISO 14604:2012

Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods of test for ceramic coatings – Determination of fracture strain

ISO 14629:2012

Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of flowability of ceramic powders

83.040.10 Lateks i sirova guma

Međunarodna normizacija

ISO

- ISO 12492:2012
Rubber, raw – Determination of water content by Karl Fischer method

83.040.30 Pomoćni materijali i aditivi za plastiku

Međunarodna normizacija

ISO

- ISO 1382:2012
Rubber – Vocabulary
- ISO 8013:2012
Rubber, vulcanized – Determination of creep in compression or shear

83.060 Guma

Međunarodna normizacija

ISO

- ISO 3384-2:2012
Rubber, vulcanized or thermoplastic – Determination of stress relaxation in compression – Part 2: Testing with temperature cycling
- ISO 13507:2012
Rubber compounds, raw rubbers and compounding materials – Short terms for properties reported in certificates of analysis

83.080.20 Plastomerni materijali

Europska normizacija

CEN

- EN ISO 1874-2:2012
Plastics – Polyamide (PA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 1874-2:2012)

Međunarodna normizacija

ISO

- ISO 1874-2:2012
Plastics – Polyamide (PA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties
- ISO 2561:2012
Plastics – Determination of residual styrene monomer in polystyrene (PS) and impact-resistant polystyrene (PS-I) by gas chromatography
- ISO 11963:2012
Plastics – Polycarbonate sheets – Types, dimensions and characteristics

83.140.10 Filmovi i ploče

Europska normizacija

CEN

- EN ISO 11963:2012
Plastics – Polycarbonate sheets – Types, dimensions and characteristics (ISO 11963:2012)

Međunarodna normizacija

ISO

- ISO 11963:2012
Plastics – Polycarbonate sheets – Types, dimensions and characteristics
- ISO 13636:2012
Plastics – Film and sheeting – Non-oriented poly(ethylene terephthalate) (PET) sheets

83.160.01 Gume za vozila općenito

Međunarodna normizacija

ISO

- ISO 9413:2012/Amd 1:2012
Tyre valves – Dimensions and designation

85.040 Celuloza

Europska normizacija

CEN

- EN ISO 5270:2012
Pulps – Laboratory sheets – Determination of physical properties (ISO 5270:2012)

Međunarodna normizacija

ISO

- ISO 5270:2012
Pulps – Laboratory sheets – Determination of physical properties
- ISO 6588-1:2012
Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction
- ISO 6588-2:2012
Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction

85.060 Papir i karton

Međunarodna normizacija

ISO

- ISO 6588-1:2012
Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction
- ISO 6588-2:2012
Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction

87.040 Boje i lakovi

Europska normizacija

CEN

- EN ISO 4628-8:2012
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 8: Assessment of degree of delamination and corrosion around a scribe or other artificial defect (ISO 4628-8:2012)

EN ISO 15184:2012

Paints and varnishes – Determination of film hardness by pencil test (ISO 15184:2012)

Međunarodna normizacija

ISO

- ISO 4628-8:2012
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 8: Assessment of degree of delamination and corrosion around a scribe or other artificial defect
- ISO 12013-1:2012
Paints and varnishes – Determination of curing characteristics using a free damped oscillation method – Part 1: Start temperature of the curing reaction
- ISO 12013-2:2012
Paints and varnishes – Determination of curing characteristics using a free damped oscillation method – Part 2: Glass transition temperature
- ISO 13129:2012
Paints and varnishes – Electrochemical measurement of the protection provided to steel by paint coatings – Current interrupter (CI) technique, relaxation voltammetry (RV) technique and DC transient (DCT) measurements
- ISO 15184:2012
Paints and varnishes – Determination of film hardness by pencil test

91.010.10 Zakonski aspekti

Europska normizacija

CEN

- CEN/TR 16410:2012
Construction products – Assessment of release of dangerous substances – Barriers to use – Extension to CEN/TR 15855 Barriers to trade

91.010.30 Tehnički aspekti

Europska normizacija

CEN

- EN 1991-4:2006/AC:2012
Eurocode 1 – Actions on structures – Part 4: Silos and tanks
- EN 1996-1-1:2005+A1:2012
Eurocode 6 – Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures

91.040.01 Građevine općenito

Međunarodna normizacija

ISO

- ISO 11855-2:2012
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 2: Determination of the design heating and cooling capacity
- ISO 11855-3:2012
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 3: Design and dimensioning
- ISO 11855-6:2012
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 6: Control

91.080.30 Zidarstvo

Europska normizacija CEN

- EN 1996-1-1:2005+A1:2012
Eurocode 6 – Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures

91.100.01 Građevni materijali općenito

Europska normizacija CEN

- CEN/TR 16435:2012
Liquid petroleum products – Oxygenates blending in line with actual EN 228 requirements

91.100.30 Beton i betonski proizvodi

Europska normizacija CEN

- CEN/TR 16369:2012
Use of control charts in the production of concrete

91.100.40 Proizvodi od vlaknima ojačanog cementa

Europska normizacija CEN

- EN 494:2012
Fibre-cement profiled sheets and fittings – Product specification and test methods

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija CEN

- EN 15814:2011+A1:2012
Polymer modified bituminous thick coatings for waterproofing – Definitions and requirements

91.100.60 Materijali za toplinsku i zvučnu izolaciju

Europska normizacija CEN

- EN 13469:2012
Thermal insulating products for building equipment and industrial installations – Determination of water vapour transmission properties of preformed pipe insulation
- EN 13472:2012
Thermal insulating products for building equipment and industrial installations – Determination of short term water absorption by partial immersion of preformed pipe insulation
- EN 14706:2012
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature
- EN 14707:2012
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature for preformed pipe insulation

- EN 15732:2012
Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for fracture toughness of monolithic ceramics at room temperature by single edge precracked beam (SEPB) method (ISO 15732:2003)

91.120.10 Toplinska izolacija

Europska normizacija CEN

- EN ISO 12631:2012
Thermal performance of curtain walling – Calculation of thermal transmittance (ISO 12631:2012)

Međunarodna normizacija ISO

- ISO 12575-1:2012
Thermal insulation products – Exterior insulating systems for foundations – Part 1: Material specification
- ISO 12631:2012
Thermal performance of curtain walling – Calculation of thermal transmittance
- ISO/TR 16344:2012
Energy performance of buildings – Common terms, definitions and symbols for the overall energy performance rating and certification

91.120.40 Zaštita od groma

Europska normizacija CENELEC

- EN 50536:2011/A1:2012
Protection against lightning – Thunderstorm warning systems

91.140.01 Instalacije u zgradama općenito

Europska normizacija CEN

- EN 15221-7:2012
Facility Management – Part 7: Guidelines for Performance Benchmarking

91.140.10 Sustavi centralnoga grijanja

Europska normizacija CEN

- EN 1264-2:2008+A1:2012
Water based surface embedded heating and cooling systems – Part 2: Floor heating: Prove methods for the determination of the thermal output using calculation and test methods
- EN 12828:2012
Heating systems in buildings – Design for water-based heating systems
- EN 15502-2-1:2012
Gas-fired central heating boilers – Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

91.140.30 Sustavi prozračivanja i klimatizacije

Europska normizacija

CEN

EN 12599:2012

Ventilation for buildings – Test procedures and measurement methods to hand over air conditioning and ventilation systems

91.140.50 Sustavi opskrbe električnom energijom

Međunarodna normizacija

IEC

IEC 60364-5-55:2011/am1:2012

Amendment 1 – Electrical installations of buildings – Part 5-55: Selection and erection of electrical equipment – Other equipment

IEC 60364-5-55 Edition 2.1:2012

Electrical installations of buildings – Part 5-55: Selection and erection of electrical equipment – Other equipment

91.140.60 Sustavi opskrbe vodom

Europska normizacija

CEN

CEN ISO/TR 27165:2012

Thermoplastics piping systems – Guidance for definitions of wall constructions for pipes (ISO/TR 27165:2012)

Međunarodna normizacija

ISO

ISO/TR 27165:2012

Thermoplastics piping systems – Guidance for definitions of wall constructions for pipes

91.140.65 Oprema za grijanje vode

Međunarodna normizacija

IEC

IEC 60335-2-21:2012

Household and similar electrical appliances – Safety – Part 2-21: Particular requirements for storage water heaters

IEC 60335-2-35:2012

Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters

91.140.70 Sanitarne instalacije

Europska normizacija

CEN

EN 232:2012

Baths – Connecting dimensions

EN 251:2012

Shower trays – Connecting dimensions

91.140.90 Dizala. Pokretne stube

Europska normizacija

CEN

EN 12159:2012

Builders hoists for persons and materials with vertically guided cages

EN ISO 25745-1:2012

Energy performance of lifts, escalators and moving walks – Part 1: Energy measurement and verification (ISO 25745-1:2012)

Međunarodna normizacija

ISO

ISO 18738-1:2012

Measurement of ride quality – Part 1: Lifts (elevators)

ISO 18738-2:2012

Measurement of ride quality – Part 2: Escalators and moving walks

ISO 25745-1:2012

Energy performance of lifts, escalators and moving walks – Part 1: Energy measurement and verification

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Europska normizacija

CEN

EN ISO 22476-1:2012

Geotechnical investigation and testing – Field testing – Part 1: Electrical cone and piezocone penetration test (ISO 22476-1:2012)

93.030 Vanjski kanalizacijski sustavi

Europska normizacija

CEN

EN 13508-1:2012

Investigation and assessment of drain and sewer systems outside buildings – Part 1: General Requirements

93.080.30 Cestovna oprema i instalacije

Europska normizacija

CEN

EN 1793-1:2012

Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics of sound absorption

EN 1793-2:2012

Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions

EN 1793-6:2012

Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 6: Intrinsic characteristics – In situ values of airborne sound insulation under direct sound field conditions

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija IEC

- IEC 60335-2-9:2008/am1:2012
Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
- IEC 60335-2-9 Edition 6.1:2012
Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
- IEC 60335-2-15:2012
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids
- IEC 60335-2-31:2012
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors

97.040.40 Strojevi za pranje posuđa

Europska normizacija CENELEC

- EN 60335-2-5:2003/A12:2012
Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers

Međunarodna normizacija IEC

- IEC 60335-2-5:2012
Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers

97.040.50 Mali kuhinjski uređaji

Međunarodna normizacija IEC

- IEC 60335-2-14:2006/am2:2012
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines – Amendment 2
- IEC 60335-2-14 Edition 5.2:2012
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines
- IEC 60335-2-15:2012
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids

97.060 Praonički uređaji

Međunarodna normizacija IEC

- IEC 60335-2-4:2008/am1:2012
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors – Amendment 1
- IEC 60335-2-4 Edition 6.1:2012
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors
- IEC 60335-2-11:2008/am1:2012
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers

- IEC 60335-2-11 Edition 7.1:2012
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers

97.080 Uređaji za čišćenje podova

Međunarodna normizacija IEC

- IEC 60335-2-2:2009/am1:2012
Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances; Amendment 1
- IEC 60335-2-2 Edition 6.1:2012
Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

97.100.01 Uređaji za zagrijavanje općenito

Međunarodna normizacija IEC

- IEC 60335-2-102:2004/am2:2012
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections; Amendment 2
- IEC 60335-2-102 Edition 1.2:2012
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections

97.140 Namještaj

Europska normizacija CEN

- EN 1730:2012
Furniture – Tables – Test methods for the determination of stability, strength and durability
- EN 1957:2012
Furniture – Beds and mattresses – Test methods for the determination of functional characteristics and assessment criteria

Međunarodna normizacija ISO

- ISO/TR 24496:2012
Office furniture – Office work chairs – Methods for the determination of dimensions

97.150 Netekstilni podni prekrivači

Europska normizacija CEN

- EN ISO 10595:2012/AC:2012
Resilient floor coverings – Semi-flexible/vinylcomposition (VCT) poly(vinyl chloride) floor tiles – Specification (ISO 10595:2010)
- EN ISO 26986:2012/AC:2012
Resilient floor coverings – Expanded (cushioned) poly(vinyl chloride) floor covering – Specification (ISO 26986:2010)

97.170 Oprema za njegu tijela

Međunarodna normizacija

IEC

IEC 60335-2-27:2009/am1:2012

Household and similar electrical appliances – Safety
– Part 2-27: Particular requirements for appliances
for skin exposure to ultraviolet and infrared radiation;
Amendment 1

97.190 Oprema za djecu

Europska normizacija

CEN

CEN/TR 16411:2012

Child use and care articles – 2012 compiled
interpretations of CEN/TC 252 standards

97.195 Umjetnički i obrtnički predmeti

Europska normizacija

CEN

EN 16242:2012

Conservation of cultural heritage – Procedures and
instruments for measuring humidity in the air and
moisture exchanges between air and cultural property

97.200.40 Igrališta

Europska normizacija

CEN

CEN/TR 16396:2012

Playground equipment for children – Replies to
requests for interpretation of EN 1176:2008 and its
parts

97.200.50 Igračke

Međunarodna normizacija

ISO

ISO 8124-1:2012

Safety of toys – Part 1: Safety aspects related to
mechanical and physical properties