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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 10318-1:2015/A1:2018

Geosünteedid. Osa 1: Terminid ja määratlused. Muudatus 1
Geosynthetics - Part 1: Terms and definitions - Amendment 1 (ISO 10318-1:2015/Amd 1:2018)

Amendment for EN ISO 10318-1:2015

Keel: en
Alusdokumendid: ISO 10318-1:2015/Amd 1:2018; EN ISO 10318-1:2015/A1:2018
Muudab dokumenti: EVS-EN ISO 10318-1:2015

EVS-EN ISO 10318-2:2015/A1:2018

Geosynthetics - Part 2: Symbols and pictograms - Amendment 1 (ISO 10318-2:2015/Amd 1:2018)

Amendment for EN ISO 10318-2:2015

Keel: en
Alusdokumendid: ISO 10318-2:2015/Amd 1:2018; EN ISO 10318-2:2015/A1:2018
Muudab dokumenti: EVS-EN ISO 10318-2:2015

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

CEN/TR 17016-101:2018

Electronic public procurement - Business interoperability interfaces (BII), e-Ordering - Part 101: Overview

This document provides an overview of e-ordering standards in the set Business Interoperability Inter- faces (BII) for public procurement. E-ordering covers the e-sourcing and e-ordering business areas of the e-procurement chain, starting from the awarding of the contract or the receiving of a quotation to the receipt of a despatch advise or a receiving advice for the goods or services that have been ordered.

Keel: en
Alusdokumendid: CEN/TR 17016-101:2018

CEN/TR 17017-101:2018

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Keel: en
Alusdokumendid: CEN/TR 17017-101:2018

CWA 17316:2018

Smart CE marking for construction products

Smart CE marking for construction products aims to digitalise mandatory construction products information provided in the declaration of performance (DoP) according to Regulation (EU) No 305/2011 [1]. When available for their standards, manufacturers will have the option to make their DoP available in their websites in XML format (human and machine readable), the files will be accessible through the link included in the CE marking. This link will allow the use of "smart" devices connected to the internet (mobile phones, tablets, computers, etc) to use this information through internet browsers, applications or software. Harmonisation will be achieved through the development of XML formats for each harmonised product standard. This document provides guidance on how these formats should be developed to properly establish a consistent digital information environment. CEN/TC 442 work was used as input for the development of this document. CEN/TC 442 Product Data Templates will cover a wider scope than Smart CE marking for construction products. The structure of Smart CE marking formats forms a part of Product Data Templates.

Keel: en
Alusdokumendid: CWA 17316:2018

11 TERVISEHOOLDUS

EVS-EN ISO 10477:2018

Dentistry - Polymer-based crown and veneering materials (ISO 10477:2018)

This document classifies polymer-based crown and veneering materials used in dentistry and specifies their requirements. It also specifies the test methods to be used to determine conformity to these requirements. This document is applicable to polymer-based crown and veneering materials for laboratory-fabricated permanent veneers or crowns. It also applies to polymer-based dental crown and veneering materials for which the manufacturer claims adhesion to the substructure without macro-mechanical retention such as beads or wires.

Keel: en
Alusdokumendid: ISO 10477:2018; EN ISO 10477:2018
Asendab dokumenti: EVS-EN ISO 10477:2004

EVS-EN ISO 11070:2014/A1:2018

Sterile single-use intravascular introducers, dilators and guidewires - Amendment 1 (ISO 11070:2014/Amd 1:2018)

Amendment for EN ISO 11070:2014

Keel: en
Alusdokumendid: ISO 11070:2014/Amd 1:2018; EN ISO 11070:2014/A1:2018
Muudab dokumenti: EVS-EN ISO 11070:2014

EVS-EN ISO 20696:2018

Ühekordselt kasutatavad steriilsed uretraalkateetrid (kusitikateetrid)
Sterile urethral catheters for single use (ISO 20696:2018)

This document specifies requirements and test methods for sterile urethral catheters for single use, with or without a balloon. This document does not include drainage catheters covered by ISO 20697, e.g. ureteral catheters, nephrostomy catheters, and suprapubic catheters. This document also excludes ureteral stents. NOTE Ureteral stents are covered in ASTM F1828-97.

Keel: en
Alusdokumendid: EN ISO 20696:2018; ISO 20696:2018
Asendab dokumenti: EVS-EN 1616:1999

EVS-EN ISO 20697:2018

Ühekordselt kasutatavad steriilsed dreenkateetrid ja lisaseadised
Sterile drainage catheters and accessory devices for single use (ISO 20697:2018)

This document specifies requirements for sterile, single use drainage catheters, wound and fluid accumulation drainage systems, surgical drainage catheters and their components, where the catheter is placed in a body cavity or wound, surgically or percutaneously, for drainage of fluid or air to the exterior. The drainage catheter is left to drain naturally or connected to a suction source for faster tissue granulation. This document is not applicable to: a) suction catheters; b) tracheal catheters; c) urethral catheters; NOTE See ISO 20696. d) ureteral stents, biliary stents, and other stents; NOTE See ISO 14630 and ASTM F1828- 97 for stents requirements. e) drainage catheters placed in digestive tracts percutaneously with gastrostomy technique; f) neuraxial catheters used for removal of cerebrospinal fluid; NOTE See ISO 20698. g) enteral catheters used for removal of solutions or substances from the gastrointestinal tract; NOTE See ISO 20695. h) coatings.

Keel: en
Alusdokumendid: ISO 20697:2018; EN ISO 20697:2018
Asendab dokumenti: EVS-EN 1617:1999

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 12285-1:2018

Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and nonflammable water polluting liquids other than for heating and cooling of buildings

This document specifies the product characteristics and test methods for workshop fabricated cylindrical, horizontal steel tanks, single (type S) and double skin (type D) intended to be used for the underground storage of water polluting liquids (both flammable and non-flammable) and installed in industrial processes or in petrol stations at normal ambient temperature conditions (−20 °C to +50 °C) within the following limits: - from 800 mm up to 3 000 mm nominal diameter and; - up to a maximum overall length of 6 times the nominal diameter; - with an operating pressure (Po) of maximum 50 kPa (0,5 bar(g)) and minimum – 5 kPa (–50 mbar(g)) and; - for double skin tanks with a vacuum leak detection system where the kinematic viscosity does not exceed 5 × 10−3 m2/s. Tanks designed to this standard allow for an earth cover of up to 1,5 m. If there are imposed traffic loads or a greater earth cover, calculation is expected to be carried out. This document is not applicable to tanks used for storage and/or supply of fuel/gas for building heating/cooling systems, and of hot or cold water not intended for human consumption, nor to loads and special measures necessary in areas subject to risk of earthquakes. Guidance on installation of tanks is presented in Annex A, which does not include special measures that might be necessary in areas subject to flooding. This document is not applicable for the storage of liquids having dangerous goods classes listed in Table 1 because of the special dangers involved. (...) NOTE The classifications referred to are those adopted by the United Nations Committee of Experts on the Transport of Dangerous Goods (not to be interpreted as tank classes described in 6.2).

Keel: en
Alusdokumendid: EN 12285-1:2018
Asendab dokumenti: EVS-EN 12285-1:2003

EVS-EN 12972:2018

Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks

This document specifies testing, inspection and marking for the type approval, initial inspection, periodic inspection, intermediate inspection and exceptional check of metallic tanks (shell and equipment) of fixed tanks (tank vehicles), demountable tanks, tank-wagons, portable tanks and tank containers for the transport of dangerous goods. This document is not applicable to battery-vehicles and battery-wagons comprising cylinders, tubes, pressure drums, bundles of cylinders, and multiple element gas containers (MEGCs), independent of whether the elements are receptacles or tanks.

Keel: en
Alusdokumendid: EN 12972:2018
Asendab dokumenti: EVS-EN 12972:2015

EVS-EN IEC 62046:2018

Safety of machinery - Application of protective equipment to detect the presence of persons

IEC 62046:2018 specifies requirements for the selection, positioning, configuration and commissioning of protective equipment to detect the momentary or continued presence of persons in order to protect those persons from dangerous part(s) of machinery in industrial applications. This standard covers the application of electro-sensitive protective equipment (ESPE) specified in IEC 61496 (all parts) and pressure sensitive mats and floors specified in ISO 13856-1. It takes into account the characteristics of the machinery, the protective equipment, the environment and human interaction by persons of 14 years and older. This document includes informative annexes to provide guidance on the application of protective equipment to detect the presence of persons. These annexes contain examples to illustrate the principles of this standard. These examples are not intended to be the only solutions to a given application and are not intended to restrict innovation or advancement of technology. The examples are provided only as representative solutions to illustrate some of the concepts of integration of protective equipment, and have been simplified for clarity, so they may be incomplete. This first edition cancels and replaces IEC TS 62046, published in 2008. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC TS 62046:2008: a) additional annexes relating to muting and vision systems, b) muting requirements have been updated, c) blanking requirements have been updated, d) addition of IEC 61496 series Types and capping the Safety Integrity level according to IEC 62061 and performance levels according to ISO 13849-1, e) alignment to changes in IEC 61496 series

Keel: en
Alusdokumendid: IEC 62046:2018; EN IEC 62046:2018
Asendab dokumenti: CLC/TS 62046:2008

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 60404-16:2018

Magnetic materials - Part 16: Methods of measurement of the magnetic properties of Fe-based amorphous strip by means of a single sheet tester

IEC 60404-16:2018 is applicable to Fe-based amorphous strips specified in IEC 60404-8-11 for the measurement of AC magnetic properties at frequencies up to 400 Hz. The object of this part is to define the general principles and technical details of the measurement of the magnetic properties of Fe-based amorphous strips by means of a single sheet tester.

Keel: en
Alusdokumendid: IEC 60404-16:2018; EN IEC 60404-16:2018

EVS-EN IEC 60404-8-11:2018

Magnetic materials - Part 8-11: Specifications for individual materials - Fe-based amorphous strip delivered in the semi-processed state

IEC 60404-8-11:2018 defines the grades of Fe-based amorphous strip delivered in the semi- processed state, i.e. without final heat treatment, of nominal thickness 0,025 mm. Other nominal thicknesses in the range from 0,020 mm to 0,030 mm can be specified by agreement between the manufacturer and the purchaser at the time of enquiry and order. In particular, it gives general requirements, magnetic properties, geometric characteristics, tolerances and technological characteristics, as well as inspection procedures. This document applies to the rapidly-solidified Fe-based amorphous strip supplied in coils with as-cast edges and intended for the construction of magnetic circuits. The grades are grouped into two classes: - conventional grades; - high permeability grades. They correspond to Class I1 of IEC 60404-1.

Keel: en
Alusdokumendid: IEC 60404-8-11:2018; EN IEC 60404-8-11:2018

EVS-EN IEC 62828-3:2018

Reference conditions and procedures for testing industrial and process measurement transmitters - Part 3: Specific procedures for temperature transmitters

IEC 62828-3:2018 establishes specific procedures for testing temperature transmitters used in measuring and control systems for industrial process and for machinery control systems. When the process measurement transmitter features the temperature transmitter separated from the sensing element, the standard applies only to the temperature transmitter without the sensing element. In the case of a device where the sensing element is fully integrated with the temperature transmitter, the standard

applies to the complete device. For general test procedures, reference is made to IEC 62828-1, which is applicable to all types of industrial and process measurement transmitters (PMT). The sensing element itself as well as radiation thermometers are excluded from the scope of this document. The IEC 62828 series cancels and replaces the IEC 60770 series and proposes revisions for the IEC 61298 series. NOTE In industrial and process applications to indicate the process measurement transmitters, it is common also to use the terms “industrial transmitters”, or “process transmitters”.

Keel: en
Alusdokumendid: IEC 62828-3:2018; EN IEC 62828-3:2018

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12285-1:2018

Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and nonflammable water polluting liquids other than for heating and cooling of buildings

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Keel: en
Alusdokumendid: EN 12285-1:2018
Asendab dokumenti: EVS-EN 12285-1:2003

EVS-EN 12972:2018

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Keel: en
Alusdokumendid: EN 12972:2018
Asendab dokumenti: EVS-EN 12972:2015

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 62714-1:2018

Engineering data exchange format for use in industrial automation systems engineering - Automation markup language - Part 1: Architecture and general requirements

IEC 62714-1:2018 is a solution for data exchange focusing on the domain of automation engineering. The data exchange format defined in the IEC 62714 series (Automation Markup Language, AML) is an XML schema based data format and has been developed in order to support the data exchange in a heterogeneous engineering tools landscape. The goal of AML is to interconnect engineering tools in their different disciplines, e.g. mechanical plant engineering, electrical design, process engineering, process control engineering, HMI development, PLC programming, robot programming, etc. This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) use of CAEX 3.0 according to IEC 62424:2016 b) improved modelling of references to documents outside of the scope of the present standard, c) modelling of references between CAEX attributes and items in external documents, d) revised role libraries, e) modified Port concept, f) modelling of multilingual expressions, g) modelling of structured attribute lists or array, h) a new AML container format, i) a new standard AML attribute library

Keel: en
Alusdokumendid: IEC 62714-1:2018; EN IEC 62714-1:2018
Asendab dokumenti: EVS-EN 62714-1:2014

EVS-EN IEC 62828-3:2018

Reference conditions and procedures for testing industrial and process measurement transmitters - Part 3: Specific procedures for temperature transmitters

IEC 62828-3:2018 establishes specific procedures for testing temperature transmitters used in measuring and control systems for industrial process and for machinery control systems. When the process measurement transmitter features the temperature transmitter separated from the sensing element, the standard applies only to the temperature transmitter without the sensing element. In the case of a device where the sensing element is fully integrated with the temperature transmitter, the standard applies to the complete device. For general test procedures, reference is made to IEC 62828-1, which is applicable to all types of industrial and process measurement transmitters (PMT). The sensing element itself as well as radiation thermometers are excluded from the scope of this document. The IEC 62828 series cancels and replaces the IEC 60770 series and proposes revisions for the IEC 61298 series. NOTE In industrial and process applications to indicate the process measurement transmitters, it is common also to use the terms “industrial transmitters”, or “process transmitters”.

Keel: en
Alusdokumendid: IEC 62828-3:2018; EN IEC 62828-3:2018

29 ELEKTROTEHNIKA

EVS-EN IEC 60034-27-1:2018

Rotating electrical machines - Part 27-1: Off-line partial discharge measurements on the stator winding insulation of rotating electrical machines

This part of IEC 60034 provides a common basis for: - measuring techniques and instruments; - the arrangement of test circuits; - normalization and testing procedures; - noise reduction; - the documentation of test results; - the interpretation of test results, with respect to partial discharge off-line measurements on the winding insulation of rotating electrical machines. The measurement methods described in this document are applicable to stator windings of machines with or without conductive slot coating and to the stator windings of machines made with form wound or random wound windings. In special cases like high voltage rotor field windings, this document is applicable as well. The measurement methods are applicable when testing with alternating sinusoidal voltages from 0,1 Hz up to 400 Hz. Interpretation guidelines are given in this document and are applicable only if all the following requirements are fulfilled: - Measurements performed with power frequency of 50 Hz or 60 Hz, or when testing with power supply within a frequency range of 45 Hz to 65 Hz. - Form wound windings and winding components such as bars and coils. - Winding with conductive slot coating. This is usually valid for machines with voltage rating of 6 kV and higher. For machines with random wound windings, form-wound windings without conductive slot coating, and testing at frequencies differing from power frequencies, the interpretation guidelines are not applicable. The testing procedures for off-line PD-measurements of this document can be used for assessing the uniform quality of manufacturing or/and the trending of these kind of windings as well as converter driven machine windings. NOTE Testing of low voltage machines with so called Type I insulation systems is defined in reference [10]1. Testing procedures for qualification of converter driven high voltage machines with so called Type II insulation systems are dealt with in IEC 60034-18-42 (in addition to the optional electric tests described therein).

Keel: en
Alusdokumendid: IEC 60034-27-1:2017; EN IEC 60034-27-1:2018
Asendab dokumenti: CLC/TS 60034-27:2011

EVS-EN IEC 60034-27-4:2018

Rotating electrical machines - Part 27-4: Measurement of insulation resistance and polarization index on winding insulation of rotating electrical machines

This part of IEC 60034 provides recommended test procedures for the measurement of insulation resistance and polarization index of stator and rotor winding insulation of rotating electrical machines. This document recommends minimum acceptable values of insulation resistance and polarization index of winding insulation valid for fully processed low and high voltage AC and DC rotating electrical machines with a rated power of 750 W or higher.

Keel: en
Alusdokumendid: IEC 60034-27-4:2018; EN IEC 60034-27-4:2018

EVS-EN IEC 60079-0:2018

Plahvatusohtlikud keskkonnad. Osa 0: Seadmed. Üldnõuded
Explosive atmospheres - Part 0: Equipment - General requirements

IEC 60079-0:2017 specifies the general requirements for construction, testing and marking of Ex Equipment and Ex Components intended for use in explosive atmospheres. The standard atmospheric conditions (relating to the explosion characteristics of the atmosphere) under which it may be assumed that Ex Equipment can be operated are: - temperature –20 °C to +60 °C; -pressure 80 kPa (0,8 bar) to 110 kPa (1,1 bar); and - air with normal oxygen content, typically 21 % v/v. This part of IEC 60079 and other standards supplementing this standard specify additional test requirements for Ex Equipment operating outside the standard temperature range, but further additional consideration and additional testing may be required for Ex Equipment operating outside the standard atmospheric pressure range and standard oxygen content. Such additional testing may be particularly relevant with respect to Types of Protection that depend on quenching of a flame such as ‘flameproof enclosures “d”’ (IEC 60079-1) or limitation of energy, ‘intrinsic safety “i”´ (IEC 60079-11). This seventh edition cancels and replaces the sixth edition, published in 2011. This edition constitutes a technical revision. Refer to the Forward of the document for a complete listing of the technical changes between edition 7.0 and the previous edition of the document.

Keel: en
Alusdokumendid: IEC 60079-0:2017; EN IEC 60079-0:2018
Asendab dokumenti: EVS-EN 60079-0:2013
Asendab dokumenti: EVS-EN 60079-0:2013/A11:2014
Asendab dokumenti: EVS-EN 60079-0:2013+A11:2014

EVS-EN IEC 60404-16:2018

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Keel: en
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EVS-EN IEC 60404-8-11:2018

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Keel: en
Alusdokumendid: IEC 60404-8-11:2018; EN IEC 60404-8-11:2018

33 SIDETEHNIKA

EVS-EN IEC 60794-1-31:2018

Optical fibre cables - Part 1-31: Generic specification - Optical cable elements - Optical fibre ribbon

IEC 60794-1-31:2018(E) which is a generic specification, covers optical fibre ribbons. Requirements which are described in this part apply to optical fibre ribbon cables for use with telecommunication equipment and devices employing similar techniques, in particular optical fibre cables in IEC 60794-2 for indoor use and in IEC 60794-3 for outdoor use. Detailed specifications for each application are given in IEC 60794-2 and IEC 60794-3.

Keel: en
Alusdokumendid: IEC 60794-1-31:2018; EN IEC 60794-1-31:2018

35 INFOTEHNOLOOGIA

CEN/TR 17016-101:2018

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CEN/TR 17017-101:2018

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Keel: en
Alusdokumendid: CEN/TR 17017-101:2018

CWA 17316:2018

Smart CE marking for construction products

Smart CE marking for construction products aims to digitalise mandatory construction products information provided in the declaration of performance (DoP) according to Regulation (EU) No 305/2011 [1]. When available for their standards, manufacturers will have the option to make their DoP available in their websites in XML format (human and machine readable),

the files will be accessible through the link included in the CE marking. This link will allow the use of "smart" devices connected to the internet (mobile phones, tablets, computers, etc) to use this information through internet browsers, applications or software. Harmonisation will be achieved through the development of XML formats for each harmonised product standard. This document provides guidance on how these formats should be developed to properly establish a consistent digital information environment. CEN/TC 442 work was used as input for the development of this document. CEN/TC 442 Product Data Templates will cover a wider scope than Smart CE marking for construction products. The structure of Smart CE marking formats forms a part of Product Data Templates.

Keel: en
Alusdokumendid: CWA 17316:2018

EVS-EN 419241-1:2018

Trustworthy Systems Supporting Server Signing - Part 1: General System Security Requirements

1.1 General This document specifies security requirements and recommendations for Trustworthy Systems Supporting Server Signing (TW4S) that generate digital signatures. The TW4S is composed at least of one Server Signing Application (SSA) and one Signature Creation Device (SCDev) or one remote Signature Creation Device. A remote SCDev is a SCDev extended with remote control provided by a Signature Activation Module (SAM) executed in a tamper protected environment. This module uses the Signature Activation Data (SAD), collected through a Signature Activation Protocol (SAP), in order to guarantee with a high level of confidence that the signing keys are used under sole control of the signer. The SSA uses a SCDev or a remote SCDev in order to generate, maintain and use the signing keys under the sole control of their authorized signer. Signing key import from CAs is out of scope. So when the SSA uses a remote SCDev, the authorized signer remotely controls the signing key with a high level of confidence. A TW4S is intended to deliver to the signer or to some other application, a digital signature created based on the data to be signed. This standard: - provides commonly recognized functional models of TW4S; - specifies overall requirements that apply across all of the services identified in the functional model; - specifies security requirements for each of the services identified in the TW4S; - specifies security requirements for sensitive system components which may be used by the TW4S. This standard is technology and protocol neutral and focuses on security requirements. 1.2 Outside of the scope The following aspects are considered outside of the scope of this document: - other trusted services that may be used alongside this service such as certificate issuance, signature validation service, time-stamping service and information preservation service; - any application or system outside of the TW4S (in particular the signature creation application including the creation of advanced signature formats); - signing key and signing certificate import from CAs; - the legal interpretation of the form of signature (e.g. electronic signature, electronic seal, qualified or otherwise). 1.3 Audience This standard specifies security requirements that are intended to be followed by: - providers of TW4S systems; - Trust Service Providers (TSP) offering a signature creation service.

Keel: en
Alusdokumendid: EN 419241-1:2018
Asendab dokumenti: CEN/TS 419241:2014

EVS-EN 50174-1:2018

Information technology - Cabling installation - Part 1: Installation specification and quality assurance

1.1 Scope This European Standard specifies requirements for the following aspects of information technology cabling: a) installation specification, quality assurance documentation and procedures; b) documentation and administration; c) operation and maintenance. This European Standard is applicable to all types of information technology cabling including generic cabling systems designed in accordance with the EN 50173 series. Safety (electrical safety and protection, optical power, fire, etc.) and electromagnetic compatibility (EMC) requirements are outside the scope of this European Standard and are covered by other standards and regulations. However, information given in this European Standard may be of assistance in meeting these standards and regulations. 1.2 Conformance For a cabling installation to conform to this European Standard: a) the specification of the installation shall meet the requirements of Clause 4; NOTE The requirements and recommendations of Clause 4 are primarily for owners of premises housing information technology systems. The owners may delegate selected responsibilities to designers, specifiers, operators and maintainers of installed information technology cabling. The party responsible for demonstrating conformance should be clearly stated in the appropriate section of the documentation. b) the installer shall meet the requirements of Clause 5; c) the bonding system within the premises shall be in accordance with EN 50310; d) where a lightning protection system is required, it shall conform to the "integrated lightning protection system" according to EN 62305 4; e) other lightning protection systems, including the "isolated lightning protection system" according to EN 62305-3 are allowed provided that specific restrictions are applied both to the implementation of the information technology cabling and the requirements of EN 50310 as agreed between the planners of the lightning protection system and the information technology cabling; f) local regulations shall be met.

Keel: en
Alusdokumendid: EN 50174-1:2018
Asendab dokumenti: EVS-EN 50174-1:2009
Asendab dokumenti: EVS-EN 50174-1:2009/A1:2011
Asendab dokumenti: EVS-EN 50174-1:2009/A2:2014

EVS-EN 50174-2:2018

Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

1.1 Scope This European Standard specifies requirements for the following aspects of information technology cabling: a) planning; b) installation practice. This European Standard is applicable to all types of information technology cabling inside buildings (and may be applied to cabling that is defined as part of the building) including generic cabling systems designed in accordance with the EN 50173 series. The requirements of Clauses 4, 5 and 6 of this standard are premises-independent unless amended by the requirements of premises-specific clauses. This European Standard: 1) details the considerations for satisfactory installation and

operation of information technology cabling; 2) describes the methodology for the assessment of spaces, pathways (and pathway systems) and cabling (either installed or planned) in support of remote powering objectives; 3) excludes specific requirements applicable to other cabling systems (e.g. power supply cabling); however, it takes account of the effects other cabling systems have on the installation of information technology cabling (and vice versa) and gives general advice; 4) excludes those aspects of installation associated with the transmission of signals in free space between transmitters, receivers or their associated antenna systems (e.g. wireless, radio, microwave or satellite). This European Standard is intended for application within commercial and residential premises. This standard is applicable to certain hazardous environments. It does not exclude additional requirements which are applicable in particular circumstances, defined by e.g. electricity supply and electrified railways. 1.2 Conformance For a cabling installation to conform to this European Standard: a) the planning of the installation shall meet the requirements of Clause 4; b) the installation practices shall meet the requirements of Clause 5; c) the additional requirements of the applicable premises-specific clause shall be met; d) the bonding system within the premises shall be in accordance with EN 50310; e) where a lightning protection system is required, it shall conform to the “integrated lightning protection system" according to EN 62305-4; f) other lightning protection systems, including the “isolated lightning protection system” according to EN 62305-3 are allowed provided that specific restrictions are applied both to the implementation of the information technology cabling and the requirements of EN 50310 as agreed between the planners of the lightning protection system and the information technology cabling; g) local regulations shall be met. The responsibilities for specific elements of conformance may be made by national-specific amendment of Annex B.

Keel: en
Alusdokumendid: EN 50174-2:2018
Asendab dokumenti: EVS-EN 50174-2:2009
Asendab dokumenti: EVS-EN 50174-2:2009/A1:2011
Asendab dokumenti: EVS-EN 50174-2:2009/A1:2011/AC:2011
Asendab dokumenti: EVS-EN 50174-2:2009/A2:2014

EVS-EN IEC 62714-1:2018

Engineering data exchange format for use in industrial automation systems engineering - Automation markup language - Part 1: Architecture and general requirements

IEC 62714-1:2018 is a solution for data exchange focusing on the domain of automation engineering. The data exchange format defined in the IEC 62714 series (Automation Markup Language, AML) is an XML schema based data format and has been developed in order to support the data exchange in a heterogeneous engineering tools landscape. The goal of AML is to interconnect engineering tools in their different disciplines, e.g. mechanical plant engineering, electrical design, process engineering, process control engineering, HMI development, PLC programming, robot programming, etc. This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) use of CAEX 3.0 according to IEC 62424:2016 b) improved modelling of references to documents outside of the scope of the present standard, c) modelling of references between CAEX attributes and items in external documents, d) revised role libraries, e) modified Port concept, f) modelling of multilingual expressions, g) modelling of structured attribute lists or array, h) a new AML container format, i) a new standard AML attribute library

Keel: en
Alusdokumendid: IEC 62714-1:2018; EN IEC 62714-1:2018
Asendab dokumenti: EVS-EN 62714-1:2014

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 10318-1:2015/A1:2018

Geosünteedid. Osa 1: Terminid ja määratlused. Muudatus 1
Geosynthetics - Part 1: Terms and definitions - Amendment 1 (ISO 10318-1:2015/Amd 1:2018)

Amendment for EN ISO 10318-1:2015

Keel: en
Alusdokumendid: ISO 10318-1:2015/Amd 1:2018; EN ISO 10318-1:2015/A1:2018
Muudab dokumenti: EVS-EN ISO 10318-1:2015

EVS-EN ISO 10318-2:2015/A1:2018

Geosynthetics - Part 2: Symbols and pictograms - Amendment 1 (ISO 10318-2:2015/Amd 1:2018)

Amendment for EN ISO 10318-2:2015

Keel: en
Alusdokumendid: ISO 10318-2:2015/Amd 1:2018; EN ISO 10318-2:2015/A1:2018
Muudab dokumenti: EVS-EN ISO 10318-2:2015

91 EHITUSMATERJALID JA EHITUS

CWA 17316:2018

Smart CE marking for construction products

Smart CE marking for construction products aims to digitalise mandatory construction products information provided in the declaration of performance (DoP) according to Regulation (EU) No 305/2011 [1]. When available for their standards, manufacturers will have the option to make their DoP available in their websites in XML format (human and machine readable),

the files will be accessible through the link included in the CE marking. This link will allow the use of "smart" devices connected to the internet (mobile phones, tablets, computers, etc) to use this information through internet browsers, applications or software. Harmonisation will be achieved through the development of XML formats for each harmonised product standard. This document provides guidance on how these formats should be developed to properly establish a consistent digital information environment. CEN/TC 442 work was used as input for the development of this document. CEN/TC 442 Product Data Templates will cover a wider scope than Smart CE marking for construction products. The structure of Smart CE marking formats forms a part of Product Data Templates.

Keel: en
Alusdokumendid: CWA 17316:2018

EVS-EN 1090-2:2018

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 2: Tehnilised nõuded teraskonstruktsioonidele
Execution of steel structures and aluminium structures - Part 2: Technical requirements for steel structures

See Euroopa standard spetsifitseerib nõuded ehituslikele terastoodetele ja nende elementidele, mis on valmistatud — kuumvaltsitud konstruktsiooniterasest toodetest tugevusklassiga kuni S700 (kaasa arvatud); — külmvormitud elementidest ja profiilplekist tugevusklassiga kuni S700 (kaasa arvatud) (kui ei ole kaetud standardi EN 1090-4 käsitlusalaga); — kuum- või külmvormitud austeniit-, austeniit-ferriit- ja ferriitsest roostevabast terasest toodetest; — kuum- või külmvormitud konstruktsioonilistest õõnesprofiilidest, kaasa arvatud standard- ja tellitud mõõtmetega valtsitud ja keevitatud õõnesprofiilid. Standardi EN 1090-4 käsitlusalaga kaetud külmvormitud elementidest valmistatud toodetele ja külmvormitud õõnesprofiilidele selles Euroopa standardis esitatud nõuete suhtes saavad ülimuslikuks standardi EN 1090-4 esitatud vastavad nõuded. Seda Euroopa standardit võib kasutada ka tugevusklassiga kuni S960 (kaasa arvatud) konstruktsiooniteraste puhul, eeldusel, et ehitustingimusi on töökindluskriteeriumide suhtes kontrollitud ja kõik vajalikud lisanõuded on spetsifitseeritud. Selles Euroopa standardis on toodud nõuded ilma viideteta teraskonstruktsiooni tüübile ja kujule (näiteks hooned, sillad, leht- või sõrestikkonstruktsioonid) ja see hõlmab ka väsimus- või seismilise koormusega konstruktsioone. Kindlad nõuded väljendatakse ehitamisklasside kaudu. See Euroopa standard kehtib konstruktsioonidele, mis on projekteeritud standardisarja EN 1993 asjakohase osa kohaselt. Sulundvaiad, survevaiad (deformatsioonivaiad, kandevaiad) ja mikrovaiad, mis on projekteeritud standardi EN 1993-5 järgi, tuleb ehitada standardite EN 12063, EN 12699 ja EN 14199 nõuete kohaselt. See Euroopa standard kehtib vaid sulundseina toestamise, sõrestike ja toestuste ehitamisele. See Euroopa standard kehtib ka terasest ja betoonist komposiitkonstruktsioonide terasosadele, mis on kavandatud standardisarja EN 1994 asjakohase osa järgi. Seda Euroopa standardit võib rakendada ka teiste projekteerimisreeglite järgi projekteeritud konstruktsioonidele, eeldusel, et valmistamistingimused vastavad nendele reeglite ja kõik vajalikud lisanõuded on spetsifitseeritud. See Euroopa standard sisaldab nõudeid sarruseteraste keevitamiseks konstruktsiooniterastega. See Euroopa standard ei sisalda nõudeid sarruseterase kasutamiseks sardbetooni valamisel.

Keel: en, et
Alusdokumendid: EN 1090-2:2018
Asendab dokumenti: EVS-EN 1090-2:2008+A1:2011
Asendab dokumenti: EVS-EN 1090-2:2008+A1:2011/AC:2014

EVS-EN 50174-2:2018

Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

1.1 Scope This European Standard specifies requirements for the following aspects of information technology cabling: a) planning; b) installation practice. This European Standard is applicable to all types of information technology cabling inside buildings (and may be applied to cabling that is defined as part of the building) including generic cabling systems designed in accordance with the EN 50173 series. The requirements of Clauses 4, 5 and 6 of this standard are premises-independent unless amended by the requirements of premises-specific clauses. This European Standard: 1) details the considerations for satisfactory installation and operation of information technology cabling; 2) describes the methodology for the assessment of spaces, pathways (and pathway systems) and cabling (either installed or planned) in support of remote powering objectives; 3) excludes specific requirements applicable to other cabling systems (e.g. power supply cabling); however, it takes account of the effects other cabling systems have on the installation of information technology cabling (and vice versa) and gives general advice; 4) excludes those aspects of installation associated with the transmission of signals in free space between transmitters, receivers or their associated antenna systems (e.g. wireless, radio, microwave or satellite). This European Standard is intended for application within commercial and residential premises. This standard is applicable to certain hazardous environments. It does not exclude additional requirements which are applicable in particular circumstances, defined by e.g. electricity supply and electrified railways. 1.2 Conformance For a cabling installation to conform to this European Standard: a) the planning of the installation shall meet the requirements of Clause 4; b) the installation practices shall meet the requirements of Clause 5; c) the additional requirements of the applicable premises-specific clause shall be met; d) the bonding system within the premises shall be in accordance with EN 50310; e) where a lightning protection system is required, it shall conform to the “integrated lightning protection system" according to EN 62305-4; f) other lightning protection systems, including the “isolated lightning protection system” according to EN 62305-3 are allowed provided that specific restrictions are applied both to the implementation of the information technology cabling and the requirements of EN 50310 as agreed between the planners of the lightning protection system and the information technology cabling; g) local regulations shall be met. The responsibilities for specific elements of conformance may be made by national-specific amendment of Annex B.

Keel: en
Alusdokumendid: EN 50174-2:2018
Asendab dokumenti: EVS-EN 50174-2:2009
Asendab dokumenti: EVS-EN 50174-2:2009/A1:2011
Asendab dokumenti: EVS-EN 50174-2:2009/A1:2011/AC:2011
Asendab dokumenti: EVS-EN 50174-2:2009/A2:2014

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 13387-3:2018

Child care articles - General safety guidelines - Part 3: Mechanical hazards

This document provides guidance information on mechnical hazards that should be taken into consideration when developing safety standards for child use and care articles. In addition, these guidelines can assist those with a general professional interest in child safety.

Keel: en
Alusdokumendid: CEN/TR 13387-3:2018
Asendab dokumenti: CEN/TR 13387-3:2015

CEN/TR 17207:2018

Playground and recreational areas - Framework for the competence of playground inspectors

This framework forms a guideline for the education, examination and evaluation of the inspectors' competence concerning public playground and recreational sports environments. For each specific task an inspector may need to perform, this guideline describes the knowledge required and also sets out the basic level of knowledge necessary. The standard EN 1176 parts 1 and 7 detail the different types or levels of inspections required to help provide a play environment that is suitable for children to play in. The different types of inspections demand different levels of knowledge; these are: - routine visual inspection; - operational inspection; - annual main inspection; - post-installation inspection. As well as these inspections identified in the standard there are also other inspections or activities that are useful in helping to ensure the safe operation of a play environment: - post-accident inspection; - pre-installation consultation; - mid-installation surveillance. In this guideline there is a broad explanation of what these inspections are and how they should be performed. This guideline doesn't cover the competence of staff conducting product certification. Due to the variety of items that can be encountered in the playground environment this guideline can be used to evaluate an inspector's competence for the following equipment e.g.: - playground equipment (EN 1176-1, −6, 1-10 and −11); - roller-sport infrastructures (EN 14974); - multi-sport arenas (EN 15312); - outdoor exercise equipment (EN 16630); - bouldering walls (EN 12572-2); - portable and permanent socketed goals (EN 16579); - parkour facilities (EN 16899); - adventure playgrounds. This Technical Report is not intended for: - toys (EN 71 series); - rope courses (EN 15567 series); - inflatable play equipment (EN 14960).

Keel: en
Alusdokumendid: CEN/TR 17207:2018

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

11 TERVISEHOOLDUS

EVS-EN 1616:1999
Ühekordselt kasutatavad steriilsed uretraalkateetrid (kusitikateetrid)
Sterile urethral catheters for single use

Keel: en
Alusdokumendid: EN 1616 :1997 + A1:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 20696:2018
Standardi staatus: Kehtetu

EVS-EN 1617:1999
Ühekordselt kasutatavad steriilsed dreenkateetrid ja lisaseadmed
Sterile drainage catheters and accessory devices for single use

Keel: en
Alusdokumendid: EN 1617:1997
Asendatud järgmise dokumendiga: EVS-EN ISO 20697:2018
Standardi staatus: Kehtetu

EVS-EN ISO 10477:2004
Stomatoloogia. Polümeeril põhinevad krooni- ja sillamaterjalid
Dentistry. Polymer based crown and bridge materials

Keel: en
Alusdokumendid: ISO 10477:2004; EN ISO 10477:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 10477:2018
Standardi staatus: Kehtetu

EVS-EN ISO 11979-9:2006
Oftalmilised implantaadid. Intraokulaarsed läätsed. Osa 9: Multifokaalsed intraokulaarsed läätsed
Ophthalmic implants - Intraocular lenses - Part 9: Multifocal intraocular lenses

Keel: en
Alusdokumendid: ISO 11979-9:2006; EN ISO 11979-9:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 11979-7:2018
Muudetud järgmise dokumendiga: EVS-EN ISO 11979-9:2006/A1:2014
Standardi staatus: Kehtetu

EVS-EN ISO 11979-9:2006/A1:2014
Oftalmilised implantaadid. Intraokulaarsed läätsed. Osa 9: Multifokaalsed intraokulaarsed läätsed
Ophthalmic implants - Intraocular lenses - Part 9: Multifocal intraocular lenses (ISO 11979-9:2006/Amd 1:2014)

Keel: en
Alusdokumendid: ISO 11979-9:2006/Amd 1:2014; EN ISO 11979-9:2006/A1:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 11979-7:2018
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CLC/TS 62046:2008
Safety of machinery - Application of protective equipment to detect the presence of persons

Keel: en
Alusdokumendid: IEC/TS 62046:2008; CLC/TS 62046:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 62046:2018
Standardi staatus: Kehtetu

EVS-EN 12285-1:2003
Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and non-flammable water polluting liquids

Keel: en

Alusdokumendid: EN 12285-1:2003
Asendatud järgmise dokumendiga: EVS-EN 12285-1:2018
Asendatud järgmise dokumendiga: prEN 12285-3
Standardi staatus: Kehtetu

EVS-EN 12972:2015
Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks

Keel: en
Alusdokumendid: EN 12972:2015
Asendatud järgmise dokumendiga: EVS-EN 12972:2018
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12285-1:2003
Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and non-flammable water polluting liquids

Keel: en
Alusdokumendid: EN 12285-1:2003
Asendatud järgmise dokumendiga: EVS-EN 12285-1:2018
Asendatud järgmise dokumendiga: prEN 12285-3
Standardi staatus: Kehtetu

EVS-EN 12972:2015
Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks

Keel: en
Alusdokumendid: EN 12972:2015
Asendatud järgmise dokumendiga: EVS-EN 12972:2018
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 62714-1:2014
Engineering data exchange format for use in industrial automation systems engineering - Part 1: Architecture and General Requirements

Keel: en
Alusdokumendid: IEC 62714-1:2014; EN 62714-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62714-1:2018
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

CLC/TS 60034-27:2011
Rotating electrical machines - Part 27: Off-line partial discharge measurements on the stator winding insulation of rotating electrical machines

Keel: en
Alusdokumendid: IEC/TS 60034-27:2006; CLC/TS 60034-27:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60034-27-1:2018
Standardi staatus: Kehtetu

EVS-EN 60079-0:2013
Plahvatusohtlikud keskkonnad. Osa 0: Seadmed. Üldnõuded
Explosive atmospheres - Part 0: Equipment - General requirements (IEC 60079-0:2011, modified)

Keel: en, et
Alusdokumendid: IEC 60079-0:2011; EN 60079-0:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60079-0:2018
Muudetud järgmise dokumendiga: EVS-EN 60079-0:2013/A11:2014
Standardi staatus: Kehtetu

EVS-EN 60079-0:2013/A11:2014
Plahvatusohtlikud keskkonnad. Osa 0: Seadmed. Üldnõuded
Explosive atmospheres - Part 0: Equipment - General requirements

Keel: en, et

Alusdokumendid: EN 60079-0:2012/A11:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60079-0:2018
Standardi staatus: Kehtetu

EVS-EN 60079-0:2013+A11:2014

Plahvatusohtlikud keskkonnad. Osa 0: Seadmed. Üldnõuded
Explosive atmospheres - Part 0: Equipment - General requirements (IEC 60079-0:2011, modified)

Keel: en, et
Alusdokumendid: EN 60079-0:2012+A11:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60079-0:2018
Standardi staatus: Kehtetu

EVS-HD 586.3 S1:2006

Mineral insulated cables with a rated voltage not exceeding 750 V - Part 3: Guide to use

Keel: en
Alusdokumendid: HD 586.3 S1:2001
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TS 419241:2014

Turbenõuded serveri allkirjastamist toetavatele usaldusväärsetele süsteemidele
Security Requirements for Trustworthy Systems Supporting Server Signing

Keel: en
Alusdokumendid: CEN/TS 419241:2014
Asendatud järgmise dokumendiga: EVS-EN 419241-1:2018
Standardi staatus: Kehtetu

EVS-EN 50174-1:2009

Information technology - Cabling installation - Part 1: Specification and quality assurance

Keel: en
Alusdokumendid: EN 50147-1:2009
Asendatud järgmise dokumendiga: EVS-EN 50174-1:2018
Muudetud järgmise dokumendiga: EVS-EN 50174-1:2009/A1:2011
Muudetud järgmise dokumendiga: EVS-EN 50174-1:2009/A2:2014
Muudetud järgmise dokumendiga: EVS-EN 50174-2:2009/A1:2011
Standardi staatus: Kehtetu

EVS-EN 50174-1:2009/A1:2011

Information technology - Cabling installation - Part 1: Installation specification and quality assurance

Keel: en
Alusdokumendid: EN 50174-1:2009/A1:2011
Asendatud järgmise dokumendiga: EVS-EN 50174-1:2018
Standardi staatus: Kehtetu

EVS-EN 50174-1:2009/A2:2014

Information technology - Cabling installation - Part 1: Installation specification and quality assurance

Keel: en
Alusdokumendid: EN 50174-1:2009/A2:2014
Asendatud järgmise dokumendiga: EVS-EN 50174-1:2018
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009

Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Muudetud järgmise dokumendiga: EVS-EN 50174-2:2009/A2:2014
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009/A1:2011

Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009/A1:2011
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Parandatud järgmise dokumendiga: EVS-EN 50174-2:2009/A1:2011/AC:2011
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009/A1:2011/AC:2011

Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009/A1:2011/AC:2011
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Muudetud järgmise dokumendiga: EVS-EN 50174-2:2009/A1:2011
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009/A2:2014

Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009/A2:2014
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Standardi staatus: Kehtetu

EVS-EN 62714-1:2014

Engineering data exchange format for use in industrial automation systems engineering - Part 1: Architecture and General Requirements

Keel: en
Alusdokumendid: IEC 62714-1:2014; EN 62714-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62714-1:2018
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 15085:2004/A1:2009

Väikelaevad. Vettekukkumise vältimise ja esmaabi vahendid
Small craft - Man-overboard prevention and recovery

Keel: en
Alusdokumendid: ISO 15085:2003/Amd 1:2009; EN ISO 15085:2003/A1:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 15085:2004/A2:2018
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 1090-2:2008+A1:2011

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 2: Tehnilised nõuded teraskonstruktsioonidele KONSOLIDEERITUD TEKST
Execution of steel structures and aluminium structures - Part 2: Technical requirements for steel structures CONSOLIDATED TEXT

Keel: en, et
Alusdokumendid: EN 1090-2:2008+A1:2011; EVS-EN 1090-2:2008+A1:2011/AC:2014
Asendatud järgmise dokumendiga: EVS-EN 1090-2:2018
Parandatud järgmise dokumendiga: EVS-EN 1090-2:2008+A1:2011/AC:2014
Standardi staatus: Kehtetu

EVS-EN 1090-2:2008+A1:2011/AC:2014

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 2: Tehnilised nõuded teraskonstruktsioonidele
Execution of steel structures and aluminium structures Part 2: Technical requirements for steel structures

Keel: et

Asendatud järgmise dokumendiga: EVS-EN 1090-2:2018
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009
Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Muudetud järgmise dokumendiga: EVS-EN 50174-2:2009/A2:2014
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009/A1:2011
Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009/A1:2011
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Parandatud järgmise dokumendiga: EVS-EN 50174-2:2009/A1:2011/AC:2011
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009/A1:2011/AC:2011
Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009/A1:2011/AC:2011
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Muudetud järgmise dokumendiga: EVS-EN 50174-2:2009/A1:2011
Standardi staatus: Kehtetu

EVS-EN 50174-2:2009/A2:2014
Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Keel: en
Alusdokumendid: EN 50174-2:2009/A2:2014
Asendatud järgmise dokumendiga: EVS-EN 50174-2:2018
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 13387-3:2015
Child use and care articles - General safety guidelines - Mechanical hazards

Keel: en
Alusdokumendid: CEN/TR 13387-3:2015
Asendatud järgmise dokumendiga: CEN/TR 13387-3:2018
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast huvitatuil võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

Arvamusküsitlusele esitatakse Euroopa ja rahvusvahelised standardikavandid, mis on kavas üle võtta Eesti standarditeks, ja Eesti algupärased standardikavandid ning algupäraste tehniliste spetsifikatsioonide ja juhendite kavandid.

Iga arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:
• tähis;
• pealkiri;
• käsitlusala;
• keel (en = inglise; et = eesti);
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
• asendusseos, selle olemasolul;
• arvamuste esitamise tähtaeg.

Kavanditega saab tutvuda ja kommentaare esitada Standardikeskuse veebilehel asuvas kommenteerimisportaalis:
https://www.evs.ee/kommenteerimisportaal/

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

prEN 62668-1:2018

Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components

This part of IEC 62668, which is a standard, defines requirements for avoiding the use of counterfeit, recycled and fraudulent components used in the aerospace, defence and high performance (ADHP) industries. It also defines requirements for ADHP industries to maintain their intellectual property (IP) for all of their products and services. The risks associated with purchasing components outside of franchised distributor networks are considered in IEC TS 62668-2. Although developed for the avionics industry, this specification may be applied by other high performance and high reliability industries at their discretion. NOTE IEC 62668 series does not address the restriction on the re-use of a component in maintenance, repair and overhaul (MRO) operations and only address MRO activities when it is under OEM's responsibility.

Keel: en
Alusdokumendid: IEC 62668-1:201X; prEN 62668-1:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

11 TERVISEHOOLDUS

prEN IEC 60580:2018

Medical electrical equipment - Dose area product meters

This International Standard specifies the performance and testing of DOSE AREA PRODUCT METERS intended to measure DOSE AREA PRODUCT and/or DOSE AREA PRODUCT RATE to which the PATIENT is exposed during MEDICAL RADIOLOGICAL EXAMINATIONS. This standard is applicable to the following types of DOSE AREA PRODUCT METERS: a) FIELD-CLASS DOSE AREA PRODUCT METERS normally used for the measurement of DOSE AREA PRODUCTS during MEDICAL RADIOLOGICAL EXAMINATIONS b) REFERENCE-CLASS DOSE AREA PRODUCT METERS normally used for the calibration of FIELD-CLASS DOSIMETERS. NOTE REFERENCE-CLASS DOSE AREA PRODUCT METERS may be used as FIELD-CLASS DOSE AREA PRODUCT METERS. The object of this International Standard is 1) to establish requirements for a satisfactory level of performance for DOSE AREA PRODUCT METERS, and 2) to standardize the methods for the determination of compliance with this level of performance. Two levels of performance are specified: – a lower level of performance applying to FIELD-CLASS DOSE AREA PRODUCT METERS; – a higher level of performance applying to REFERENCE-CLASS DOSE AREA PRODUCT METERS;

Keel: en
Alusdokumendid: IEC 60580:201X; prEN IEC 60580:2018
Asendab dokumenti: EVS-EN 60580:2003

Arvamusküsitluse lõppkuupäev: 16.09.2018

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN IEC 60335-2-25_fragment 5:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon-mikrolaineahjudele

Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Fragment 5 of prEN IEC 60335-2-25:2018

Keel: en
Alusdokumendid: IEC 60335-2-25:201X {frag 5}; prEN 60335-2-25:2018
Asendab dokumenti: EVS-EN 60335-2-25:2012

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 60335-2-25_fragment 6:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon-mikrolaineahjudele
Household and similar electrical appliances - Safety - Part 2-25 (f6): Particular requirements for microwave ovens, including combination microwave ovens

Fragment 6 of prEN IEC 60335-2-25

Keel: en
Alusdokumendid: IEC 60335-2-25:201X {frag 6}; prEN IEC 60335-2-25:2018
Asendab dokumenti: EVS-EN 60335-2-25:2012

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 62959:2018

Environmentally Conscious Design (ECD) - Principles, requirements and guidance

This International Standard describes principles, specifies requirements and provides guidance for organizations intending to integrate environmental aspects into the design and development of a product in order to minimise the adverse environmental impacts of that product. This International Standard applies to processes associated with the integration of environmental aspects into the design and development of a product regardless of the organization's size, type and sector. This International Standard does not provide requirements for assessing the conformity of individual products.

Keel: en
Alusdokumendid: IEC 62959:201X; prEN IEC 62959:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EN 60674-2:2017/prA1:2018

Specification for plastic films for electrical purposes - Part 2: Methods of test

Amendment for EN 60674-2:2017

Keel: en
Alusdokumendid: IEC 60674-2:2016/A1:201X; EN 60674-2:2017/prA1:2018
Muudab dokumenti: EVS-EN 60674-2:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN ISO 16610-61:2015/prA1

Geometrical product specification (GPS) - Filtration - Part 61: Linear areal filters - Gaussian filters - Amendment 1 (ISO 16610-61:2015/DAM 1:2018)

Amendment for EN ISO 16610-61:2015

Keel: en
Alusdokumendid: ISO 16610-61:2015/DAmd 1; EN ISO 16610-61:2015/prA1
Muudab dokumenti: EVS-EN ISO 16610-61:2015

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 63034:2018

Microspeakers (TC 100)

This document specifies the characteristics of microspeakers as well as the relevant test methods on microspeakers using steady-state sinusoidal signals, sinusoidal chirp, multi-tone or noise. The main characteristics include, but are not limited to, impedance, displacement, amplitude frequency response, distortion, and power handling.

Keel: en
Alusdokumendid: IEC 63034:201X; prEN IEC 63034:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

19 KATSETAMINE

EN 60068-2-69:2017/prA1:2018

Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method

Amendment for EN 60068-2-69:2017

Keel: en
Alusdokumendid: IEC 60068-2-69:2017/A1:201X; EN 60068-2-69:2017/prA1:2018
Muudab dokumenti: EVS-EN 60068-2-69:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 61010-2-032:2018

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

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replace the existing text with the following: This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of their publications for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. This part of IEC 61010 specifies safety requirements for HAND-HELD and hand-manipulated current sensors described below. These current sensors are for measuring, detecting or injecting current, or indicating current waveforms on circuits without physically opening the current path of the circuit being measured. They may be stand-alone current sensors or accessories to other equipment or parts of combined equipment (see Figure 101). These include measurement circuits which are part of electrical test and measurement equipment, laboratory equipment, or process control equipment. The existence of these current sensors and circuits in equipment requires additional protective means between the current sensor, the circuit and an OPERATOR. NOTE 1 a combined equipment is an equipment that is electrically connected to a current sensor by means of a permanent connection which can be detached only by the use of a TOOL. NOTE 2 Some current sensors are also known as current clamps, CLAMP MULTIMETERS and current probes. Current sensors require hand-manipulation before and/or after a test or measurement, but do not necessarily need to be HAND-HELD during the test or measurement. Current sensors used as FIXED EQUIPMENT are not within the scope of this part.

Keel: en
Alusdokumendid: IEC 61010-2-032:201X; prEN 61010-2-032:2018
Asendab dokumenti: EVS-EN 61010-2-032:2012

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 61010-2-033:2018

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-033: Particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replace the existing text with the following: This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of their publications for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. This part of IEC 61010 specifies safety requirements for hand-held multimeters for domestic and professional use, capable of measuring MAINS. Hand-held multimeters are multi-range multifunction measuring instrument intended to measure voltage and other electrical quantities such as resistance or current. Their primary purpose is to measure voltage on a live MAINS. They are suitable to be supported by one hand during NORMAL USE.

Keel: en
Alusdokumendid: IEC 61010-2-033:201X; prEN 61010-2-033:2018
Asendab dokumenti: EVS-EN 61010-2-033:2012

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 61010-2-120:2018

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-120: Particular safety requirements for machinery aspects of equipment

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the leading paragraph before items a) to c) with the following: This Part 2 of IEC 61010 specifies particular safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used, which fall under a), b), or c) below and present HAZARDS from the power driven moving parts according to one or more of the items 1) to 5) used by the equipment for a specific application. 1) An assembly, fitted with or intended to be fitted with a drive system other than directly applied human or animal effort, consisting of linked parts or components, at least one of which moves, and which are joined together for a specific application. 2) An assembly referred to in item 1), missing only the components to connect it on site or to sources of energy and motion. 3) An assembly referred to in items 1) and 2), ready to be installed and able to function as it stands only if mounted on a means of transport, or installed in a building or a structure. 4) Assemblies referred to in items 1), 2) and 3) or partly completed assemblies which, in order to achieve the same end, are arranged and controlled so that they function as an integral whole. A partly completed assembly is equipment which cannot perform a specific application by itself. A partly completed assembly is only

intended to be incorporated into, or assembled with, other equipment, thereby forming equipment to which this standard applies. 5) An assembly of linked parts or components, at least one of which moves and which are joined together, intended for lifting loads and whose only power source is directly applied human effort. Addition: Add the following paragraph at the end of the subclause: If all or part of the equipment falls within the scope of one or more other part 2 standards of IEC 61010 as well as within the scope of this standard, it will also need to meet the requirements of those other Part 2 standards.

Keel: en
Alusdokumendid: IEC 61010-2-120:201X; prEN 61010-2-120:2018
Asendab dokumenti: EVS-EN IEC 61010-2-120:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN ISO 16135:2006/prA1

Tööstusventiilid. Termoplastilistest materjalidest kuulventiilid
Industrial valves - Ball valves of thermoplastics materials - Amendment 1 (ISO 16135:2006/DAM 1:2018)

Amendment for EN ISO 16135:2006

Keel: en
Alusdokumendid: ISO 16135:2006/DAmd 1; EN ISO 16135:2006/prA1
Muudab dokumenti: EVS-EN ISO 16135:2006

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN ISO 16136:2006/prA1

Tööstusventiilid. Pöördsulguriga termoplastilisest materjalist drosselklapid
Industrial valves - Butterfly valves of thermoplastics materials - Amendment 1 (ISO 16136:2006/DAM 1:2018)

Amendment for EN ISO 16136:2006

Keel: en
Alusdokumendid: ISO 16136:2006/DAmd 1; EN ISO 16136:2006/prA1
Muudab dokumenti: EVS-EN ISO 16136:2006

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN ISO 16137:2006/prA1

Tööstusventiilid. Termoplastilistest materjalidest sisselaskeklapid
Industrial valves - Check valves of thermoplastics materials - Amendment 1 (ISO 16137:2006/DAM 1:2018)

Amendment for EN ISO 16137:2006

Keel: en
Alusdokumendid: ISO 16137:2006/DAmd 1; EN ISO 16137:2006/prA1
Muudab dokumenti: EVS-EN ISO 16137:2006

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN ISO 16138:2006/prA1

Tööstusventiilid. Termoplastilistest materjalidest membraanventiilid
Industrial valves - Diaphragm valves of thermoplastics materials - Amendment 1 (ISO 16138:2006/DAM 1:2018)

Amendment for EN ISO 16138:2006

Keel: en
Alusdokumendid: ISO 16138:2006/DAmd 1; EN ISO 16138:2006/prA1
Muudab dokumenti: EVS-EN ISO 16138:2006

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN ISO 16139:2006/prA1

Industrial valves - Gate valves of thermoplastics materials - Amendment 1 (ISO 16139:2006/DAM 1:2018)

Amendment for EN ISO 16139:2006

Keel: en
Alusdokumendid: ISO 16139:2006/DAmd 1; EN ISO 16139:2006/prA1
Muudab dokumenti: EVS-EN ISO 16139:2006

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN ISO 21787:2006/prA1

Tööstusventiilid. Termoplastilistest materjalidest ventiilid
Industrial valves - Globe valves of thermoplastics materials - Amendment 1 (ISO 21787:2006/DAM 1:2018)

Amendment for EN ISO 21787:2006

Keel: en
Alusdokumendid: ISO 21787:2006/DAmd 1; EN ISO 21787:2006/prA1
Muudab dokumenti: EVS-EN ISO 21787:2006

Arvamusküsitluse lõppkuupäev: 16.09.2018

25 TOOTMISTEHNOLOOGIA

EN 62841-2-1:2018/prAB

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills

IEC 62841-2-1:2017 applies to hand-held drills and impact drills, including diamond core drills. This standard also applies to drills that can be used for driving screws by attaching screwdriver bits.The rated voltage is not more than 250 V for single-phase a.c. or d.c. tools, and 480 V for three-phase a.c. tools. The rated input is not more than 3 700 W. The limits for the applicability of this standard for battery tools are given in K.1 and L.1. This standard deals with the hazards presented by tools which are encountered by all persons in the normal use and reasonably foreseeable misuse of the tools. Hand-held electric tools, which can be mounted on a support or working stand for use as fixed tools without any alteration of the tool itself, are within the scope of this standard and such combination of a hand-held tool and a support is considered to be a transportable tool and thus covered by the relevant Part 3. This standard does not apply to rotary hammers, even if they can be used as a drill. This Part 2-1 is to be used in conjunction with the first edition of IEC 62841-1:2014. The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests. It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication Key words: Drill, Impact Drill, Hand-held tool, Safety

Keel: en
Alusdokumendid: EN 62841-2-1:2018/prAB
Muudab dokumenti: EVS-EN 62841-2-1:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 63144:2018

Industrial Process Control Devices -Thermographic Imagers - Metrological Characterization and Calibration of Thermographic Imagers

This technical specification applies in the field of metrology to the statement and testing of technical data in datasheets and instruction manuals for thermographic cameras that are used to measure the temperature of surfaces. This includes, unless otherwise stated, both two-dimensional and one-dimensional (line cameras or line scanners) temperature measuring instruments, and that independently of the scanning principle (fixed multi-element detector or scanning camera system). The directive describes standard test methods to determine relevant metrological data of thermographic cameras. It is not compulsory for manufacturers and sellers of thermo-graphic cameras to include all technical data given in this document in the data sheets for a specific type of the products. Only the relevant data should be stated and should com-ply with this specification.

Keel: en
Alusdokumendid: IEC 63144:201X; prEN 63144:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN 62790:2015/prA1:2018

Junction boxes for photovoltaic modules - Safety requirements and tests

Amendment for EN 62790:2015

Keel: en
Alusdokumendid: IEC 62790:2014/A1:201X; EN 62790:2015/prA1:2018
Muudab dokumenti: EVS-EN 62790:2015

Arvamusküsitluse lõppkuupäev: 16.09.2018

FprHD 60364-8-2:2018/FprAA:2018

Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations

Common modification for FprHD 60364-8-2:2018

Keel: en
Alusdokumendid: FprHD 60364-8-2:2018/FprAA:2018
Muudab dokumenti: prHD 60364-8-2:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 62282-8-101:2018

Fuel cell technologies - Part 8-101: Energy storage systems using fuel cell modules in reverse mode - Test procedures for solid oxide single cell and stack performance including reversible operation

This part of IEC 62282-8, which is an international standard, addresses Solid Oxide Cell (SOC) cell/stack assembly unit(s). It provides for testing systems, instruments and measuring methods to test the performance of SOC cell/stack assembly units for energy storage purposes. It assesses performance in fuel cell mode, in electrolysis mode and/or in reversible, or regenerative, operation. Note: in the context of this International Standard, the term “reversible” does not refer to the thermodynamic meaning of an ideal process. It is common practice in the fuel cell community to call the operation mode of a solid oxide cell that alternates between fuel cell mode and electrolysis mode “reversible”. This international standard is not applicable to small button cells that are designed for SOC material testing and provide no practical means of reactant utilization measurement, or to single-chamber SOC. This Standard is not intended to be applied to fuel cell/stack assembly units for power generation purposes only, since this is covered in IEC Technical Specification 62282-7-2. Therefore, test methods are not included in this document that are applicable to fuel cell mode only and that are already described in IEC Technical Specification 62282-7-2. This international standard is to be used for data exchanges in commercial transactions between cell/stack manufacturers and system developers or for acquiring data on a cell or stack in order to estimate the performance of a system based on it. Users of this international standard may selectively execute test items suitable for their purposes from those described in this international standard. Users may also substitute selected test methods of this Standard 62282-8-101 with equivalent test methods of IEC Technical Specification 62282-7-2 for SOC operation in fuel cell mode only.

Keel: en
Alusdokumendid: IEC 62282-8-101:201X; prEN 62282-8-101:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

29 ELEKTROTEHNIKA

EN 60674-2:2017/prA1:2018

Specification for plastic films for electrical purposes - Part 2: Methods of test

Amendment for EN 60674-2:2017

Keel: en
Alusdokumendid: IEC 60674-2:2016/A1:201X; EN 60674-2:2017/prA1:2018
Muudab dokumenti: EVS-EN 60674-2:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 62026-2:2013/prA1:2018

Madalpingelised lülitus- ja juhtimisaparaadid. Kontrolleri ja seadme vahelised liidesed. Osa 2: Aktivaator-andur-liides
Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i)

Amendment for EN 62026-2:2013

Keel: en
Alusdokumendid: IEC 62026-2:2008/A1:201X; EN 62026-2:2013/prA1:2018
Muudab dokumenti: EVS-EN 62026-2:2013

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 60034-3:2018

Rotating electrical machines - Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators

This part of IEC 60034 applies to large three-phase synchronous generators, having rated outputs of 10 MVA and above driven by steam turbines or combustion gas turbines. Also included are synchronous MVAr compensators of the same output range connected to a grid for the purpose of exchanging reactive power. This standard supplements basic requirements for rotating machines given in IEC 60034-1. Common requirements are prescribed together with specific requirements for air, hydrogen or liquid cooled synchronous generators or compensators. This part of IEC 60034 also gives the precautions to be taken when using hydrogen cooled generators including: – rotating exciters driven by synchronous generators; – auxiliary equipment needed for operating the generators; – parts of the building where hydrogen might accumulate. NOTE 1 These requirements also apply to a synchronous generator driven by both a steam turbine and a combustion gas turbine as part of a single shaft combined cycle unit. NOTE 2 These requirements do not apply to synchronous generators driven by water (hydraulic) turbines or wind turbines. NOTE 3 The precautions to be taken when using hydrogen are valid for all cases where hydrogen is used as a coolant.

Keel: en
Alusdokumendid: IEC 60034-3:201X; prEN 60034-3:2018
Asendab dokumenti: EVS-EN 60034-3:2008

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 60255-26:2018

Measuring relays and protection equipment - Part 26: Electromagnetic compatibility requirements

IEC 60255-26:2013 is applicable to measuring relays and protection equipment, taking into account combinations of devices to form schemes for power system protection including the control, monitoring, communication and process interface equipment used with those systems. This standard specifies the requirements for electromagnetic compatibility for measuring relays and protection equipment. The requirements specified in this standard are applicable to measuring relays and protection equipment in a new condition and all tests specified are type tests only. This new edition includes the following significant technical changes with respect to the previous edition: - definition of test specifications, test procedures and acceptance criteria per phenomena and port under test in one document; - extension of radiated emission measurement for frequencies above 1 GHz; - limitation of radiated emission measurement at 3 m distance for small equipment only; - addition of zone A and zone B test level on surge test; - extension of tests on the auxiliary power supply port by a.c. and d.c. voltage dips, a.c. component in d.c. (ripple) and gradual shut-down/start-up; - harmonization of acceptance criteria for immunity tests.

Keel: en
Alusdokumendid: IEC 60255-26:201X; prEN 60255-26:2018
Asendab dokumenti: EVS-EN 60255-26:2013
Asendab dokumenti: EVS-EN 60255-26:2013/AC:2013

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 60674-3-2:2018

Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation

This sheet of IEC 60674-3 gives the requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation.

Keel: en
Alusdokumendid: IEC 60674-3-2:201X; prEN IEC 60674-3-2:2018
Asendab dokumenti: EVS-EN 60674-3-2:2006

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 61820-1:2018

Electrical installations for aeronautical ground lighting at aerodromes - Part 1: Fundamental principles

This document is a part of a multipart standard that describes the requirements throughout the lifecycle of an Aeronautical Ground Lighting (AGL) system including design, installation, commissioning, maintenance, decommissioning and disposal. The standard covers principles of design and installation requirements for AGL systems including control, monitoring and transformation of energy, the cables and any electrical component utilized to produce the light intended to be used as a visual aid for air and ground navigation. This part describes in general the fundamental principles to provide safe, reliable and efficient operation of AGL systems independent to the particular system design. Where certain aspects of design are specific to a particular type of system [e.g. series-circuit], these are supplemented in the applicable part. Note: Local / national regulations can be different to this standard provisions.

Keel: en
Alusdokumendid: IEC 61820-1:201X; prEN IEC 61820-1:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

31 ELEKTROONIKA

EN 60068-2-69:2017/prA1:2018

Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method

Amendment for EN 60068-2-69:2017

Keel: en
Alusdokumendid: IEC 60068-2-69:2017/A1:201X; EN 60068-2-69:2017/prA1:2018
Muudab dokumenti: EVS-EN 60068-2-69:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 62228-3:2018

Integrated circuits - EMC evaluation of transceivers - Part 3: CAN transceivers

This part of IEC 62228 specifies test and measurement methods for EMC evaluation of CAN transceiver ICs under network condition. It defines test configurations, test conditions, test signals, failure criteria, test procedures, test setups and test boards. It is applicable for CAN standard transceivers, CAN transceivers with partial networking functionality and CAN transceivers with flexible data rate capability and covers • the emission of RF disturbances, • the immunity against RF disturbances, • the immunity against impulses and • the immunity against electrostatic discharges (ESD).

Keel: en

Alusdokumendid: IEC 62228-3:201X; prEN 62228-3:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 60749-20-1:2018

Semiconductor devices - Mechanical and climatic test methods - Part 20-1: Handling, packing, labelling and shipping of surface-mount devices sensitive to the combined effect of moisture and soldering heat

This part of IEC 60749 applies to all devices subjected to bulk solder reflow processes during PCB assembly, including plastic encapsulated packages, process sensitive devices, and other moisture sensitive devices made with moisture-permeable materials (epoxies, silicones, etc.) that are exposed to the ambient air. The purpose of this document is to provide SMD manufacturers and users with standardized methods for handling, packing, shipping, and use of moisture/reflow sensitive SMDs which have been classified to the levels defined in IEC 60749-20. These methods are provided to avoid damage from moisture absorption and exposure to solder reflow temperatures that can result in yield and reliability degradation. By using these procedures, safe and damage-free reflow can be achieved, with the dry packing process, providing a minimum shelf life capability in sealed dry-bags from the seal date. Two test conditions, method A and method B, are specified in the soldering heat test of IEC 60749-20. For method A, moisture soak conditions are specified on the assumption that moisture content inside the moisture barrier bag is less than 30 % RH. For method B, moisture soaking conditions are specified on the assumption that manufacturer's exposure time (MET) does not exceed 24 h and the moisture content inside the moisture barrier bag is less than 10 % RH. In an actual handling environment, SMDs tested by method A are permitted to absorb moisture up to 30 % RH, and SMDs tested by method B are permitted to absorb moisture up to 10 % RH. This standard specifies the handling conditions for SMDs subjected to the above test conditions. NOTE Hermetic SMD packages are not moisture sensitive and do not require moisture precautionary handling.

Keel: en
Alusdokumendid: IEC 60749-20-1:201X; prEN IEC 60749-20-1:2018
Asendab dokumenti: EVS-EN 60749-20-1:2009

Arvamusküsitluse lõppkuupäev: 16.09.2018

33 SIDETEHNIKA

EN 300 220-2 V3.2.1

Raadiosagedusalas 25 MHz kuni 1000 MHz töötavad lähitoimeseadmed (SRD); Osa 2: Mittespetsiifiliste raadioseadmete harmoneeritud standard
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz;Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment

The present document specifies technical characteristics and methods of measurements for Non-specific Short Range Devices category equipment types. Non specific SRDs category is defined by the EU Commission Decision 2013/752/EU [i.3] as: "The non-specific short-range device category covers all kinds of radio devices, regardless of the application or the purpose, which fulfil the technical conditions as specified for a given frequency band. Typical uses include telemetry, telecommand, alarms, data transmissions in general and other applications". The present document covers equipment intended for fixed, portable, mobile or nomadic use, including: • stand-alone radio equipment; • plug-in radio devices intended for use with or within a variety of host systems; • plug-in radio devices intended for use within combined equipment. These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: SRDs frequency ranges Short Range Devices frequency ranges Transmit and receive 26,957 MHz to 27,283 MHz Transmit and receive 40,660 MHz to 40,700 MHz Transmit and receive 138,2 MHz to 138,45 MHz Transmit and receive 169,4 MHz to 169,8125 MHz Transmit and receive 433,040 MHz to 434,790 MHz Transmit and receive 863 MHz to 876 MHz Transmit and receive 915 MHz to 921 MHz NOTE: It should be noted that not all frequency bands in table 1 are implemented in all European countries. Annex B provides an overview of radio interfaces which are harmonised in the European Union. Annex C provides an overview of national radio interfaces not harmonised in the European Union. It is noted that in the European Commission Decision on Short Range Devices [i.3], some harmonised frequency bands may be subject to usage restrictions such as the exclusion of video or audio use. Equipment transmitting voice with analog modulation are excluded from the present document. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.2] is given in annex A.

Keel: en
Alusdokumendid: EN 300 220-2 V3.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 300 224 V2.1.1

Liikuv maaside; Raadiosagedusalas 25 MHz - 470 MHz töötavad isikuotsingusüsteemi raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Land Mobile Service;Radio Equipment for use in a Paging Service operating within the frequency range 25 MHz - 470 MHz;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document applies to on-site and wide area paging equipment, operating in the frequency range of 25 MHz to 470 MHz. An on-site paging system is a privately owned and operated wireless communication system, used in a restricted and predefined area, with the primary function to alert and/or inform ambulant people. The air interface of the system, using a single radio channel, comprises at least one transmitter. The system may be extended to include a return, or talk-back frequency. Mainly used for call acknowledgement, this frequency may also be used to supply some of the features of a mobile radio service, or other two-way radio services, without the need to use a separate system. Covering a larger geographical area, a wide-area system is typically associated with large organizations such as emergency services and may include additional radio facilities and utilize

different a frequency for return messaging, which is outside the scope of the present document. These features should be tested against the relevant standard. The present document specifies technical characteristics and methods of measurements for the following equipment types: 1) base station transmitters and transcoders, with or without an external 50 Ω antenna connector; 2) base station receivers, with a permanent 50 Ω connector; 3) paging receiver, with or without an external 50 Ω antenna connector. These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 25 MHz to 470 MHz Receive 25 MHz to 470 MHz NOTE: Frequencies and frequency bands, used for on-site paging equipment, are not harmonised throughout the community. The frequency band 47 MHz to 47,25 MHz and operating frequencies or operating bands within 440 MHz to 470 MHz, are recommended by CEPT/ECC in Report 25 [i.5]. The existence of a Harmonised Standard does not imply the availability of the above frequency spectrum for the particular types of equipment covered by the present document. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU under the conditions identified in annex A and contains requirements to demonstrate that "... Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference" [i.1]. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive [i.1] may apply to equipment within the scope of the present document.

Keel: en
Alusdokumendid: EN 300 224 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 300 440 V2.1.1

Lähitoimeseadmed (SRD); Raadiosagedusalas 1 GHz kuni 40 GHz kasutatavad raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Short Range Devices (SRD);Radio equipment to be used in the 1 GHz to 40 GHz frequency range;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for the following equipment types: 1) Non specific Short Range Devices, including alarms, telecommand, telemetry, data transmission in general, etc. 2) Radio Frequency IDentification (RFID) devices. 3) Radiodetermination devices including detection, movement and alert applications. These radio equipment types are capable of operating in the permitted frequency bands within the 1 GHz to 40 GHz range as specified in table 1: 1) with either a Radio Frequency (RF) output connection and dedicated antenna or an integral antenna; 2) for all types of modulation; 3) with or without speech. Table 1 shows a list of the frequency bands as designated by the European Commission Decisions on Short Range Devices [i.5] and the CEPT/ERC Recommendation 70-03 [i.2] as known at the date of publication of the present document. Table 1: Short Range Devices within the 1 GHz to 40 GHz permitted frequency bands Frequency Bands Applications Notes Transmit and Receive 2 400 MHz to 2 483,5 MHz Non-specific short range devices Transmit and Receive 2 400 MHz to 2 483,5 MHz Radio determination devices Transmit and Receive (a) 2 446 MHz to 2 454 MHz Radio Frequency Identification (RFID) devices See annex D Transmit and Receive (b) 2 446 MHz to 2 454 MHz Radio Frequency Identification (RFID) devices See annex D Transmit and Receive 5 725 MHz to 5 875 MHz Non-specific short range devices Transmit and Receive 9 200 MHz to 9 500 MHz Radio determination devices Transmit and Receive 9 500 MHz to 9 975 MHz Radio determination devices Transmit and Receive 10,5 GHz to 10,6 GHz Radio determination devices Transmit and Receive 13,46 GHz to 14,0 GHz Radio determination devices Transmit and Receive 17,1 GHz to 17,3 GHz Radio determination devices See annex F Transmit and Receive 24,00 GHz to 24,25 GHz Non-specific short range devices and Radio determination devices NOTE: (a) and (b) refer to two different operational restrictions for different power levels in the same frequency band. NOTE 1: Table 1 represents the most widely implemented position within the European Union [i.5] and the CEPT countries [i.2], but it should not be assumed that all designated bands are available in all countries. NOTE 2: In addition, it should be noted that other frequency bands may be available in a country within the frequency range 1 GHz to 40 GHz covered by the present document. See the European Commission Decisions on Short Range Devices [i.5] and the CEPT ERC Recommendation 70-03 [i.2] as implemented through National Radio Interfaces (NRI) and additional NRI as relevant. NOTE 3: On non-harmonised parameters, national administrations may impose certain conditions such as the type of modulation, frequency, channel/frequency separations, maximum transmitter radiated power, duty cycle, and the inclusion of an automatic transmitter shut-off facility, as a condition for the issue of an individual or general licence, or as a condition for the issuing of Individual Rights for use of spectrum or General Authorization, or as a condition for use "under licence exemption" as it is in most cases for Short Range Devices. The present document covers fixed stations, mobile stations and portable stations. Applications using Ultra Wide Band (UWB) technology are not covered by the present document. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.6] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 300 440 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 300 698 V2.2.1

Siseveekogudel kasutatavad VHF raadiosagedusalas töötavate liikuva mereside raadiotelefonide saatjad ja vastuvõtjad; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 ja 3.3(g) oluliste nõuete alusel
Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways;Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for VHF radio transmitters and receivers operating on board ships in frequency bands allocated to the maritime mobile service, used on inland waterways as defined by Regional Agreements or responsible Administrations. The present document applies to VHF transmitters and receivers fitted with a 50 Ω external antenna socket or connector for use on board ships on inland waterways and operating in the bands between 156

MHz and 174 MHz allocated to the maritime mobile service by the ITU Radio Regulations [1], Appendix 18. For countries where the Automatic Transmitter Identification System (ATIS) is mandatory, the requirements of annex B apply as well. The present document covers the essential requirements of article 3.2 and article 3.3(g) of Directive 2014/53/EU [i.3] under the conditions identified in clause A.2.

Keel: en
Alusdokumendid: EN 300 698 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 300 718-1 V2.1.1

Sagedusel 457 kHz töötavad laviiniohvrite detekteerimisseadmed; Saate-vastuvõtu süsteemid; Osa 1: Harmoneeritud standard raadiospektrile juurdepääsuks
Avalanche Beacons operating at 457 kHz;Transmitter-receiver systems;Part 1: Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for avalanche beacons operating at 457 kHz transmitter-receiver systems. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 300 718-1 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 300 718-2 V2.1.1

Sagedusel 457 kHz töötavad laviiniohvrite detekteerimisseadmed; Saate-vastuvõtu süsteemid; Osa 2: Harmoneeritud standard hädaolukorra teenuste funktsioonide jaoks
Avalanche Beacons operating at 457 kHz;Transmitter-receiver systems;Part 2: Harmonised Standard for features for emergency services

The present document specifies technical characteristics and methods of measurements for avalanche beacons operating at 457 kHz transmitter-receiver systems. NOTE: The relationship between the present document and essential requirements of article 3.3g of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 300 718-2 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 025 V2.2.1

Üldside VHF raadiotelefoniseadmed ja klassi D digitaalselektiivväljakutse (DSC) lisaseadmed; Harmoneeritud standard direktiivi 2014/53/EL artiklite 3.2 ja 3.3(g) oluliste nõuete alusel
VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC);Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

The present document covers the minimum requirements for general communication for shipborne fixed installations using a VHF radiotelephone operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz or 25 kHz and 12,5 kHz channels and associated equipment for DSC - class D. The present document does not cover requirements for the integrated GNSS receiver providing locating function. These requirements include the relevant provisions of the ITU Radio Regulations, appendix 18 [1], Recommendation ITU-R M.493-14 [3] (where class D is defined), Recommendation ITU-R M.825-3 [i.4] and incorporate the relevant guidelines of the IMO as detailed in IMO Circular MSC/Circ-803 [i.1]. The present document also specifies technical characteristics, methods of measurement and required test results. The present document covers the essential requirements of article 3.2 and article 3.3(g) of Directive 2014/53/EU [i.3] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 025 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 178 V2.2.2

Liikuva mereside VHF sagedusalades töötav teisaldatav ülikõrgsagedusala (VHF) raadiotelefon (mitte GMDSS rakenduste jaoks); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only);Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for equipment: 1) portable Very High Frequency (VHF) transceivers operating with 25 kHz channels; 2) portable Very High Frequency (VHF) transceivers operating with both 25 kHz and 12,5 kHz channels. These radiotelephones are not providing maritime distress and safety communications functions (i.e. not forming part of the Global Maritime Distress and Safety System (GMDSS)) operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz or 25 kHz and 12,5 kHz channels. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 178 V2.2.2

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 502 V12.5.2

Globaalne mobiiltelefonisüsteem (GSM); Baasjaama (BS) seade; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Global System for Mobile communications (GSM);Base Station (BS) equipment;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document applies to the following radio equipment type: 1) GSM base stations. Table 1-1: GSM Base Station System frequency bands GSM band Direction of transmission GSM Base Station System relevant frequency bands P-GSM 900 Transmit 935 MHz to 960 MHz Receive 890 MHz to 915 MHz E-GSM 900 Transmit 925 MHz to 960 MHz Receive 880 MHz to 915 MHz R-GSM 900 Transmit 921 MHz to 960 MHz Receive 876 MHz to 915 MHz ER-GSM 900 Transmit 918 MHz to 960 MHz Receive 873 MHz to 915 MHz DCS 1 800 Transmit 1 805 MHz to 1 880 MHz Receive 1 710 MHz to 1 785 MHz GSM 450 Transmit 460,4 MHz to 467,6 MHz Receive 450,4 MHz to 457,6 MHz GSM 480 Transmit 488,8 MHz to 496 MHz Receive 478,8 MHz to 486 MHz The present document contains requirements aiming to demonstrate that that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. In regards to interference to systems operating in adjacent bands guidance for single carrier BTS and multicarrier BTS is provided in ECC Report 146 [i.3].

Keel: en
Alusdokumendid: EN 301 502 V12.5.2

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 511 V12.5.1

Globaalne mobiiltelefonisüsteem (GSM); Liikuvate raadiojaamade (MS) seadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Global System for Mobile communications (GSM);Mobile Stations (MS) equipment;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for the following radio equipment type: - GSM mobile station. This radio equipment type is for operation within the Digital cellular telecommunications system in the GSM 900 and/or GSM 1800 frequency bands as shown in table 1, with a channel separation of 200 kHz, utilizing constant envelope modulation and carrying traffic channels according to the Time Division Multiple Access (TDMA) principle. Table 1: Frequency bands for GSM 900 and GSM 1800 Mobile Station system Type TX RX P-GSM 900 890 MHz to 915 MHz 935 MHz to 960 MHz GSM 1800 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz E-GSM 900 880 MHz to 915 MHz 925 MHz to 960 MHz R-GSM 900 876 MHz to 915 MHz 921 MHz to 960 MHz ER-GSM 900 873 MHz to 915 MHz 918 MHz to 960 MHz The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.9] under the conditions identified in annex A. The present document covers the general access requirements for terminal equipment up to and including 3GPP Rel-12. The general access requirements, applied to the terminal equipment, are for one release only. The present document does not cover the GPRS Class A mobiles and the ECSD mobiles. For each test purpose and its corresponding conformance requirement, a reference is given to the test method in ETSI TS 151 010-1 [2]. The requirements apply at the air interface, which may be stimulated to perform the tests by additional equipment if necessary. The measurement uncertainty is described in ETSI TS 151 010-1 [2], annex 5. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive [i.9] will apply to equipment within the scope of the present document. NOTE 1: A list of such ENs is included on the web site http://www.newapproach.org. ETSI TS 151 010-1 [2] constitutes the conformance test suite for GSM. The verification of the conformance requirements in the present document is based on the tests described in this reference. The set of requirements in ETSI TS 151 010-1 [2] and the set of requirements in the present document need not be identical. Some requirements only apply to specific types of mobile station (e.g. data tests only apply to mobile stations with a data facility, tests that only apply to GSM 900 or only to GSM 1800 or to both). The present document indicates the specific test which should be carried out for each mobile station type. An active accessory is covered by the present document if it modifies the terminal performance in an aspect which affects conformance to essential requirements. NOTE 2: Only active devices are subject to the present document. Accessories may be tested with specific terminals, and either approved for use with those terminals only, or may possibly be approved for use with a wider range of terminals, depending on the nature and effect of the accessory.

Keel: en
Alusdokumendid: EN 301 511 V12.5.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 598 V2.1.1

Vaba vahemiku seadmed (WSD); Juhtmeta juurdepääsu süsteemid, mis töötavad televisiooniringhäälingu sagedusalas 470 MHz kuni 790 MHz; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
White Space Devices (WSD);Wireless Access Systems operating in the 470 MHz to 790 MHz TV broadcast band;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for TV white space devices (TVWSDs) controlled by a TV white space database (TVWSDB) and which operate in the TV broadcast band 470 MHz to 790 MHz. The present document applies to the following radio equipment types: 1) Master TV white space device (TVWSD) 2) Slave TV white space device (TVWSD) The present document applies to TVWSDs with integral, dedicated or external antennas, where TVWSDs

using external antennas are intended only for fixed use. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.3] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 598 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 843-1 V2.2.1

Mereside raadioseadmete ja teenuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 1: Üldised tehnilised nõuded ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services;Harmonised Standard for electromagnetic compatibility;Part 1: Common technical requirements

The present document contains the common requirements for marine radio communications equipment and associated ancillary equipment, in respect of ElectroMagnetic Compatibility (EMC). The provisions of the present document apply to marine radio equipment not covered in the scope of the Council Directive on marine equipment (the "Marine Equipment Directive" 96/98/EC [i.5]). Product dependent arrangements necessary to perform the EMC tests on dedicated types of marine radio communications equipment, and the assessment of test results, are detailed in the appropriate product related parts of the present document. The present document, together with the product related part, specifies the applicable EMC tests, the methods of measurement, the limits and the performance criteria for marine radio equipment and associated ancillary equipment. In case of differences (for instance concerning special conditions, definitions, abbreviation) between the present document and the relevant product related part of the present document, the product related part takes precedence. For the further content of the present document, the expression "radio equipment" is taken to mean marine radio communications equipment, in each individual case. Technical specifications related to the antenna port of radio equipment and emissions from the enclosure port of radio equipment and combinations of radio and associated ancillary equipment are not included in the present document. Such technical specifications are normally found in the relevant product standards for the effective use of the radio spectrum. The environment classification used in the present document is maritime, as defined in IEC EN 60945 [1]. Marine radio communications equipment meeting the EMC requirements set out in IEC EN 60945 [1] is deemed to meet also the EMC requirements for the residential, commercial and light industrial environment as defined in IEC EN 61000-6-3 [i.1] and IEC EN 61000-6-1 [i.2]. The EMC requirements have been selected to ensure an adequate level of compatibility for apparatus intended to be used in the maritime environment. The levels, however, do not cover extreme cases which may occur in any location but with low probability of occurrence. Compliance of radio equipment to the requirements of the present document does not signify compliance to any requirements related to spectrum management or to the use of the equipment (licensing requirements). Compliance to the requirements of the present document does not signify compliance to any safety requirements. However, it is the responsibility of the assessor of the equipment to record in the test report any observations regarding the test sample becoming dangerous or unsafe as a result of the application of the tests called for in the present document. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU [i.4] is given in annex A. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive [i.4] may apply to equipment within the scope of the present document.

Keel: en
Alusdokumendid: EN 301 843-1 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 843-2 V2.2.1

Mereside raadioseadmete ja teenuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 2: Eritingimused VHF raadiotelefoni saatjatele ja vastuvõtjatele
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services;Harmonised Standard for electromagnetic compatibility;Part 2: Specific conditions for VHF radiotelephone transmitters and receivers

The present document together with ETSI EN 301 843-1 [1], covers the assessment of VHF radiotelephone transmitters and receivers for the maritime mobile service, and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of marine radiotelephone transmitters and receivers are not included in the present document. Such technical specifications are found in the related product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for VHF radiotelephone transmitters and receivers for the maritime mobile service, and the associated ancillary equipment. Examples of types of radiotelephone transmitters and receivers for the maritime mobile service covered by the present document are given in annex A. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 843-1 [1], the provisions of the present document take precedence. The electromagnetic environment used in the present document to develop the technical specifications encompasses the electromagnetic environment on-board ships as identified in IEC EN 60945 [i.5]. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU [i.2] is given in annex A.

Keel: en
Alusdokumendid: EN 301 843-2 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 843-4 V2.2.1

Mereside raadioseadmete ja teenuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 4: Eritingimused kitsaribalise tähttrükkimise (NBDP) NAVTEX vastuvõtjatele
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services;Harmonised Standard for electromagnetic compatibility;Part 4: Specific conditions for Narrow-Band Direct-Printing (NBDP) NAVTEX receivers

The present document together with ETSI EN 301 843-1 [1] covers the assessment of Narrow-Band Direct-Printing (NBDP) NAVTEX receivers operating in the maritime mobile service, and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of NAVTEX receivers are not included in the present document. Such technical specifications are found in the related product standard ETSI EN 300 065 [i.2] for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment and performance criteria for NAVTEX receivers operating in the maritime mobile service and the associated ancillary equipment. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 843-1 [1], the provisions of the present document take precedence. The electromagnetic environment used in the present document to develop the technical specifications encompasses the electromagnetic environment on-board ships as identified in IEC EN 60945 [i.3]. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 301 843-4 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 843-5 V2.2.1

Mereside raadioseadmete ja teenuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 5: Eritingimused MF/VHF raadiotelefoni saatjatele ja vastuvõtjatele
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services;Harmonised Standard for electromagnetic compatibility;Part 5: Specific conditions for MF/HF radiotelephone transmitters and receivers

The present document together with ETSI EN 301 843-1 [1], covers the assessment of MF/HF radiotelephone transmitters and receivers for the maritime mobile service, and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of marine radiotelephone transmitters and receivers are not included in the present document. Such technical specifications are found in the related product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for radiotelephone transmitters and receivers for the maritime mobile service and the associated ancillary equipment. Examples of types of MF/HF radiotelephone transmitters and receivers for the maritime mobile service covered by the present document are given in annex A. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 843-1 [1], the provisions of the present document take precedence. The electromagnetic environment used in the present document to develop the technical specifications encompasses the electromagnetic environment on-board ships as identified in IEC EN 60945 [i.3]. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 301 843-5 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 843-6 V2.2.1

Mereside raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 6: Eritingimused veesõiduki pardal olevatele saatesagedusega üle 3 GHz kosmoseside maajaamadele
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services;Harmonised Standard for electromagnetic compatibility;Part 6: Specific conditions for Earth Stations on board Vessels operating in frequency bands above 3 GHz

The present document together with ETSI EN 301 843-1 [1], covers the assessment of Earth Stations on board Vessels (ESVs) transmitting above 3 GHz in the Fixed Satellite Service (FSS) as defined in annex A and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of Earth Stations on board Vessels are not included in the present document. Such technical specifications are found in the related product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for Earth Stations on board Vessels and the associated ancillary equipment. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 843-1 [1], the provisions of the present document take precedence. The electromagnetic environment used in the present document to develop the technical specifications encompasses the electromagnetic environment on board ships as identified in IEC EN 60945 [i.2]. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 301 843-6 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 843-7 V1.1.1

Mereside raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 7: Eritingimused mereside lairiba raadiolinkide seadmetele

ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services;Harmonised Standard for electromagnetic compatibility;Part 7: Specific conditions for Maritime Broadband Radiolink equipment

The present document together with ETSI EN 301 843-1 [1], covers the assessment of Maritime Broadband Radiolink equipment (MBR) for the maritime mobile service, and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of MBR are not included in the present document. Such technical specifications are found in the related product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for MBR equipment for the maritime mobile service, and the associated ancillary equipment. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 843-1 [1], the provisions of the present document take precedence. The electromagnetic environment used in the present document to develop the technical specifications encompasses the electromagnetic environment on board ships as identified in IEC EN 60945 [i.1]. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU [i.2] is given in annex A.

Keel: en
Alusdokumendid: EN 301 843-7 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 908-13 V11.1.2

IMT kärgsidevõrgud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 13: E-UTRA kasutajaseadmed (UE)

IMT cellular networks;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU;Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

The present document applies to the following radio equipment type: • User Equipment for Evolved Universal Terrestrial Radio Access (E-UTRA). This radio equipment type is capable of operating in all or any part of the frequency bands given in tables from 1-1 through 1-5. Table 1-1: E-UTRA UE operating bands E-UTRA Band Direction of UE transmission E-UTRA operating bands 1 Transmit 1 920 MHz to 1 980 MHz Receive 2 110 MHz to 2 170 MHz 3 Transmit 1 710 MHz to 1 785 MHz Receive 1 805 MHz to 1 880 MHz 7 Transmit 2 500 MHz to 2 570 MHz Receive 2 620 MHz to 2 690 MHz 8 Transmit 880 MHz to 915 MHz Receive 925 MHz to 960 MHz 20 Transmit 832 MHz to 862 MHz Receive 791 MHz to 821 MHz 22 Transmit 3 410 MHz to 3 490 MHz Receive 3 510 MHz to 3 590 MHz 28 Transmit 703 MHz to 748 MHz Receive 758 MHz to 803 MHz 32 (see note 1) (see note 2) Transmit N/A Receive 1 452 MHz to 1 496 MHz 33 Transmit and Receive 1 900 MHz to 1 920 MHz 34 Transmit and Receive 2 010 MHz to 2 025 MHz 38 Transmit and Receive 2 570 MHz to 2 620 MHz 40 Transmit and Receive 2 300 MHz to 2 400 MHz 42 Transmit and Receive 3 400 MHz to 3 600 MHz 43 Transmit and Receive 3 600 MHz to 3 800 MHz NOTE 1: Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell. NOTE 2: Radio equipment in band 32 is only allowed to operate between 1 452 MHz and 1 492 MHz. Table 1-2: E-UTRA UE Intra-band contiguous CA operating bands E-UTRA CA Band E-UTRA Band Direction of UE transmission E-UTRA operating bands CA_1 1 Transmit 1 920 MHz to 1 980 MHz Receive 2 110 MHz to 2 170 MHz CA_3 3 Transmit 1 710 MHz to 1 785 MHz Receive 1 805 MHz to 1 880 MHz CA_7 7 Transmit 2 500 MHz to 2 570 MHz Receive 2 620 MHz to 2 690 MHz CA_38 38 Transmit and Receive 2 570 MHz to 2 620 MHz CA_40 40 Transmit and Receive 2 300 MHz to 2 400 MHz CA_42 42 Transmit and Receive 3 400 MHz to 3 600 MHz ETSI Table 1-3: E-UTRA UE Inter-band CA operating bands (two bands) E-UTRA CA Band E-UTRA Band UL operating band DL operating band BS receive/UE transmit BS transmit/UE receive FUL_low - FUL_high FDL_low - FDL_high CA_1-3 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz CA_1-7 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 7 2 500 MHz to 2 570 MHz 2 620 MHz to 2 690 MHz CA_1-8 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 8 880 MHz to 915 MHz 925 MHz to 960 MHz CA_1-20 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 20 832 MHz to 862 MHz 791 MHz to 821 MHz CA_1-42 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 42 3 400 MHz to 3 600 MHz 3 400 MHz to 3 600 MHz CA_3-7 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 7 2 500 MHz to 2 570 MHz 2 620 MHz to 2 690 MHz CA_3-8 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 8 880 MHz to 915 MHz 925 MHz to 960 MHz CA_3-20 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 20 832 MHz to 862 MHz 791 MHz to 821 MHz CA_3-28 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 28 703 MHz to 748 MHz 758 MHz to 803 MHz CA_3-42 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 42 3 400 MHz to 3 600 MHz 3 400 MHz to 3 600 MHz CA_7-20 7 2 500 MHz to 2 570 MHz 2 620 MHz to 2 690 MHz 20 832 MHz to 862 MHz 791 MHz to 821 MHz CA_7-28 7 2 500 MHz to 2 570 MHz 2 620 MHz to 2 690 MHz 28 703 MHz to 748 MHz 758 MHz to 803 MHz CA_8-20 8 880 MHz to 915 MHz 925 MHz to 960 MHz 20 832 MHz to 862 MHz 791 MHz to 821 MHz CA_8-40 8 880 MHz to 915 MHz 925 MHz to 960 MHz 40 2 300 MHz to 2 400 MHz 2 300 MHz to 2 400 MHz CA_20-32 (see note) 20 832 MHz to 862 MHz 791 MHz to 821 MHz 32 N/A 1 452 MHz to 1 496 MHz NOTE: Radio equipment in band 32 is only allowed to operate between 1 452 MHz and 1 492 MHz. Table 1-4: E-UTRA UE Inter-band CA operating bands (three bands) E-UTRA CA Band E-UTRA Band UL operating band DL operating band BS receive/UE transmit BS transmit/UE receive FUL_low - FUL_high FDL_low - FDL_high CA_1-3-8 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 8 880 MHz to 915 MHz 925 MHz to 960 MHz CA_1-3-20 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 20 832 MHz to 862 MHz 791 MHz to 821 MHz CA_1-7-20 1 1 920 MHz to 1 980 MHz 2 110 MHz to 2 170 MHz 7 2 500 MHz to 2 570 MHz 2 620 MHz to 2 690 MHz 20 832 MHz to 862 MHz 791 MHz to 821 MHz CA_3-7-20 3 1 710 MHz to 1 785 MHz 1 805 MHz to 1 880 MHz 7 2 500 MHz to 2 570 MHz 2 620 MHz to 2 690 MHz 20 832 MHz to 862 MHz 791 MHz to 821 MHz ETSI 12 ETSI EN 301 908-13 V11.1.2 (2017-07) Table 1-5: Intra-band non-contiguous CA operating bands (with two sub-blocks) E-UTRA CA Band E-UTRA Band Uplink (UL) operating band Downlink (DL) operating band BS receive/UE transmit BS transmit/UE receive FUL_low - FUL_high FDL_low - FDL_high CA_3-3 3 1 710 MHz to 1 785

MHz 1 805 MHz to 1 880 MHz CA_7-7 7 2 500 MHz to 2 570 MHz 2 620 MHz to 2 690 MHz CA_42-42 42 3 400 MHz to 3 600 MHz 3 400 MHz to 3 600 MHz The present document covers requirements for E-UTRA FDD and E-UTRA TDD User Equipment from 3GPP™ Releases 8, 9, 10 and 11 defined in ETSI TS 136 101 [3]. This includes the requirements for E-UTRA UE operating bands and E-UTRA CA operating bands from 3GPP™ Release 12 defined in ETSI TS 136 101 [i.13]. NOTE: For Band 20: For user equipment designed to be mobile or nomadic, the requirements in the present document measured at the antenna port also show conformity to the corresponding requirement defined as TRP (total radiated power), as described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8]. For user equipment designed to be fixed or installed, the present document does not address the requirements described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8]. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 908-13 V11.1.2

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 908-14 V11.1.2

IMT kärgsidevõrgud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 14: E-UTRA baasjaamad (BS)
IMT cellular networks;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU;Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)

The present document applies to the following radio equipment types: 1) Base Station for Evolved Universal Terrestrial Radio Access (E-UTRA). This radio equipment type is capable of operating in all or any part of the operating bands given in table 1-1. Table 1-1: E-UTRA Base Station operating bands E-UTRA band Direction of transmission E-UTRA Base Station operating bands 1 Transmit 2 110 MHz to 2 170 MHz Receive 1 920 MHz to 1 980 MHz 3 Transmit 1 805 MHz to 1 880 MHz Receive 1 710 MHz to 1 785 MHz 7 Transmit 2 620 MHz to 2 690 MHz Receive 2 500 MHz to 2 570 MHz 8 Transmit 925 MHz to 960 MHz Receive 880 MHz to 915 MHz 20 Transmit 791 MHz to 821 MHz Receive 832 MHz to 862 MHz 22 Transmit 3 510 MHz to 3 590 MHz Receive 3 410 MHz to 3 490 MHz 28 Transmit 758 MHz to 803 MHz Receive 703 MHz to 748 MHz 32 (note 1) (note 2) Transmit 1 452 MHz to 1 496 MHz Receive N/A 33 Transmit and Receive 1 900 MHz to 1 920 MHz 34 Transmit and Receive 2 010 MHz to 2 025 MHz 38 Transmit and Receive 2 570 MHz to 2 620 MHz 40 Transmit and Receive 2 300 MHz to 2 400 MHz 42 Transmit and Receive 3 400 MHz to 3 600 MHz 43 Transmit and Receive 3 600 MHz to 3 800 MHz NOTE 1: Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell. NOTE 2: Radio equipment in band 32 is only allowed to operate between 1 452 MHz and 1 492 MHz. The present document covers requirements for E-UTRA Base Stations for 3GPP Release 8, 9, 10 and 11. This includes the requirements for E-UTRA Base Station operating bands and E-UTRA CA operating bands from 3GPP Release 12. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 908-14 V11.1.2

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 908-18 V11.1.2

IMT kärgsidevõrgud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 18: E-UTRA, UTRA ja GSM/EDGE multistandard raadio (MSR) baasjaam (BS)
IMT cellular networks;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU;Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)

The present document applies to the following equipment types: 1) Multi-Standard Radio capable Base stations (E-UTRA, UTRA, GSM/EDGE). These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1-1. Table 1-1: Base station operating bands Band designation and Band Category Direction of transmission MSR Base Station operating bands 1 (BC1) Transmit 2 110 MHz to 2 170 MHz Receive 1 920 MHz to 1 980 MHz 3 (BC2) Transmit 1 805 MHz to 1 880 MHz Receive 1 710 MHz to 1 785 MHz 7 (BC1) Transmit 2 620 MHz to 2 690 MHz Receive 2 500 MHz to 2 570 MHz 8 (BC2) Transmit 925 MHz to 960 MHz Receive 880 MHz to 915 MHz 20 (BC1) Transmit 791 MHz to 821 MHz Receive 832 MHz to 862 MHz 22 (BC1) Transmit 3 510 MHz to 3 590 MHz Receive 3 410 MHz to 3 490 MHz 28 (BC1) Transmit 758 MHz to 803 MHz Receive 703 MHz to 748 MHz 32 (BC1) (note 1) (note 2) Transmit 1 452 MHz to 1 496 MHz Receive N/A 33 (BC3) Transmit and Receive 1 900 MHz to 1 920 MHz 34 (BC3) Transmit and Receive 2 010 MHz to 2 025 MHz 38 (BC3) Transmit and Receive 2 570 MHz to 2 620 MHz 40 (BC3) Transmit and Receive 2 300 MHz to 2 400 MHz 42 (BC3) Transmit and Receive 3 400 MHz to 3 600 MHz 43 (BC3) Transmit and Receive 3 600 MHz to 3 800 MHz NOTE 1: Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell. Restricted to UTRA operation when dual band is configured (e.g. DB-DC-HSDPA or dual band 4C-HSDPA). The down link frequency(ies) of this band are paired with the uplink frequency(ies) of the other FDD band (external) of the dual band configuration. NOTE 2: Radio equipment in band 32 is only allowed to operate between 1 452 MHz and 1 492 MHz. NOTE: For BS capable of multi-band operation, the supported operating bands may belong to different Band Categories. The present document covers requirements for multi-RAT capable E-UTRA, UTRA and GSM/EDGE MSR Base Stations for 3GPP™ Release 9, 10 and 11. This includes the requirements for E UTRA Base Station operating bands and E-UTRA CA operating bands from 3GPP Release 12. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 908-18 V11.1.2

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 908-2 V11.1.2

IMT kärgsidevõrgud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 2: Otsese hajutamisega CDMA (UTRA FDD) kasutajaseadmed (UE)
IMT cellular networks;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU;Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

The present document applies to the following radio equipment type: • User Equipment for IMT-2000 CDMA Direct Spread (UTRA FDD). These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1-1. Table 1-1: UTRA FDD operating bands UTRA FDD Band Direction of transmission UTRA FDD operating bands I Transmit 1 920 MHz to 1 980 MHz Receive 2 110 MHz to 2 170 MHz III Transmit 1 710 MHz to 1 785 MHz Receive 1 805 MHz to 1 880 MHz VII Transmit 2 500 MHz to 2 570 MHz Receive 2 620 MHz to 2 690 MHz VIII Transmit 880 MHz to 915 MHz Receive 925 MHz to 960 MHz XV Transmit 1 900 MHz to 1 920 MHz Receive 2 600 MHz to 2 620 MHz XVI Transmit 2 010 MHz to 2 025 MHz Receive 2 585 MHz to 2 600 MHz XX Transmit 832 MHz to 862 MHz Receive 791 MHz to 821 MHz XXII Transmit 3 410 MHz to 3 490 MHz Receive 3 510 MHz to 3 590 MHz The present document covers requirements for UTRA FDD User Equipment from 3GPP™ Releases 99, 4, 5, 6, 7, 8, 9, 10 and 11 defined in ETSI TS 125 101 [4]. This include the requirements for UE operating bands from 3GPP™ Release 12 defined in ETSI TS 125 101 [4]. In addition, the present document covers requirements for UTRA FDD User Equipment in the operating bands specified in ETSI TS 102 735 [i.4]. NOTE: For Band XX: - for user equipment designed to be mobile or nomadic, the requirements in the present document measured at the antenna port also show conformity to the corresponding requirement defined as TRP (Total Radiated Power), as described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8]; - for user equipment designed to be fixed or installed, the present document does not address the requirements described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8]. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 908-2 V11.1.2

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 301 929 V2.1.1

VHF saatjad ja vastuvõtjad, mis toimivad nagu kaldajaamad GMDSS süsteemis ja teistes liikuva mereside rakendustes; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
VHF transmitters and receivers as Coast Stations for GMDSS and other applications in the maritime mobile service;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies the minimum requirements for transmitters, receivers and transceivers fitted with external antenna connectors, used as coast stations, operating in the VHF band of the maritime mobile service. This includes: - equipment operating under local or remote control; - equipment operating on 12,5 kHz or 25 kHz channel spacing; - equipment capable of analogue speech, Digital Selective Calling (DSC), or both; - equipment operating in Simplex, Semi-Duplex (Half Duplex) and Duplex modes; - equipment which may consist of more than one unit; - equipment which may be single-channel or multi-channel; - equipment operating on shared radio sites; - equipment operating in isolation from other radio equipment. Where the equipment is not intended for DSC operation, only those clauses relevant to non-DSC tests are applicable. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 301 929 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 054 V2.1.1

Raadiometeoroloogia (Met Aids); Raadiosagedusvahemikus 400,15 MHz kuni 406 MHz kasutamiseks mõeldud raadiosondid võimsusega kuni 200 mW; Osa 2: Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Meteorological Aids (Met Aids);Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for digitally modulated radiosondes operating in the range from 400,15 MHz to 406 MHz and with power levels ranging up to 200 mW. NOTE: The present document does not cover radiosondes with an imbedded receiver. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 302 054 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 054 V2.2.1

Meteoroloogia raadiosondid (Met Aids); Raadiosagedusvahemikus 400,15 MHz kuni 406 MHz kasutamiseks mõeldud raadiosondid võimsusega kuni 200 mW; Raadiospektrile juurdepääsu harmoneeritud standard
Meteorological Aids (Met Aids);Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW;Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for digitally modulated radiosondes operating in the range from 400,15 MHz to 406 MHz and with power levels ranging up to 200 mW. NOTE 1: The present document does not cover radiosondes with an imbedded receiver. NOTE 2: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 302 054 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 077 V2.1.1

Digitaalse raadioringhäälingusüsteemi (DAB) raadiosaateseadmed; Raadiospektrile juurdepääsu harmoneeritud standard
Transmitting equipment for the Digital Audio Broadcasting (DAB) service;Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for transmitter equipment for broadcast sound services using the Digital Audio Broadcast (DAB) modulation system operating in VHF band III (174 MHz to 240 MHz). The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 302 077 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 245 V2.1.1

Digitaalse raadioringhäälingusüsteemi DRM raadiosaateseadmed; Raadiospektrile juurdepääsu harmoneeritud standard
Transmitting equipment for the Digital Radio Mondiale (DRM) sound broadcasting service;Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for transmitting equipment for the Digital Radio Mondiale (DRM) sound broadcasting service operating in the LF band, MF band, HF band and VHF band. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.1] is given in annex A.

Keel: en
Alusdokumendid: EN 302 245 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 296 V2.1.1

Maapealse digitaalse televisiooni (TV) raadiosaateseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel
Digital Terrestrial TV Transmitters;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for digital terrestrial television transmitters as defined in table 1.1 and in table 1.2. The output power classification (table 1.1) and emission classification (table 1.2) are combined to define a transmitter category. For example, power classification H and emission classification 0 denotes a high power transmitter (category H0) whose OOB emissions comply with a non-critical mask. Table 1.1: Transmitter power classification Power Class Description Notes H High power transmitter Transmitter with an output power ≥ 25 W operating in the VHF band (174 MHz to 230 MHz) or UHF band (470 MHz to 694 MHz). L Low power transmitter Transmitter with an output power < 25 W operating in the VHF band (174 MHz to 230 MHz) or UHF band (470 MHz to 694 MHz). Table 1.2: Transmitter emission classification Emission Classification Conformance approach Notes 0 Non critical mask For high power transmitters, the mask defines the level of the OOB relative to the channel power (dBc). For low power transmitters the mask defines the absolute power limit of the OOB (dBm). The former approach is mandated by RRC-06 (non-critical case) [i.4] for transmitters subject to coordination. 1 Critical mask A similar but more stringent approach based on RRC-06 (sensitive case) [i.4]. 2 Non-critical ACLR A set of ACLR limits defining permitted relative emission levels into adjacent channels. 3 Critical ACLR A set of more stringent ACLR limits defining permitted relative emission levels into adjacent channels. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 302 296 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 454 V2.1.1

Raadiometeoroloogia (Met Aids); Raadiosagedusvahemikus 1 668,4 MHz kuni 1 690 MHz töötavad raadiosondid; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel

Meteorological Aids (Met Aids);Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for digitally modulated radiosondes operating in the range from 1 668,4 MHz to 1 690 MHz. NOTE: The present document does not cover radiosondes with an imbedded receiver. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 302 454 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 502 V2.1.1

Lairiba raadiojuurdepääsuvõrgud (BRAN); Raadiosagedusalas 5,8 GHz töötavad paiksed lairiba andmeedastussüsteemid; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel

Wireless Access Systems (WAS);5,8 GHz fixed broadband data transmitting systems;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for Fixed Broadband Data Transmitting Systems intended to operate in the 5,8 GHz band (5 725 MHz to 5 875 MHz). The present document is equally applicable to systems utilizing integral or dedicated antennas. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 302 502 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 536 V2.1.1

Lähitoimeseadmed (SRD); Raadiosagedusalas 315 kHz kuni 600 kHz töötavad väga väikese võimsusega loomaimplantaadid (ULP-AID) ja nende lisatarvikud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel

Short Range Devices (SRD);Radio equipment operating in the frequency range 315 kHz to 600 kHz for Ultra Low Power Animal Implantable Devices (ULP-AID) and associated peripherals;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for Ultra Low Power-Animal Implant Devices (ULP-AIDs) and Peripherals as used by industry to develop new drugs and surgical techniques that provide improved health care for the benefit of human patients. ULP-AIDs operate in a Communications System using inductive technology in the frequency band 315 kHz to 600 kHz. Table 1: Ultra Low Power Animal Implants and Peripherals Operating in the frequency band 315 kHz to 600 kHz Ultra Low Power Animal Implants and Peripherals service frequency bands Transmitters - Ultra Low Power Animal Implants and Peripherals 315 kHz to 600 kHz Receivers - Ultra Low Power Animal Implants and Peripherals 315 kHz to 600 kHz The present document contains the technical requirements for characteristics of ULP-AID and ULP-AID-P radio equipment which are aligned with annex 12 sub-band (c) of CEPT/ERC Recommendation 70-03 [i.3]. The frequency usage conditions for the bands 315 kHz to 600 kHz are EU wide harmonised for the SRD category "active medical implant devices" according to 2013/752/EU [i.6] with the following usage restrictions: • "This set of usage conditions is only available to animal implantable devices". The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A for Ultra Low Power Animal Implants and peripherals used in an implant communications system that supports development of medically related treatments that provide improved health care for patients. It does not necessarily include all the characteristics, which may be required by a user, nor does it necessarily represent the optimum performance achievable.

Keel: en
Alusdokumendid: EN 302 536 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 608 V2.1.1

Lähitoimeseadmed (SRD); Raadioseadmed Eurobalise raudteesüsteemidele; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel

Short Range Devices (SRD);Radio equipment for Eurobalise railway systems;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for radio transmitters and receivers used in the Eurobalise transmission system. The system is used in railway environment for the communication between tracks and

trains. It applies to the following equipment units: a) the On-Board Equipment (OBE) Tele-powering the Eurobalise; and b) the Eurobalise that is always installed in between the rails. The OBE comprises a transmitter (normally un-modulated) and a receiver fitted with an integral or dedicated antenna. The Eurobalise FSK-modulated transmitter is Tele-powered by the OBE and has an integral antenna. The Eurobalise transmission system operates in frequency bands listed in table 1 in accordance with the EC Decision 2013/752/EU [i.5] and ERC Recommendation 70-03 [i.2], annex 4. These radio equipment types are capable of operating at the following frequencies as given in table 1. Table 1: Radio communications frequencies Radio communications frequencies Note OBE receive frequency band 2,5 MHz to 6 MHz (4,234 MHz centre frequency) Eurobalise transmit frequency band 4,234 MHz ± 1 MHz NOTE: EC decision for SRDs [i.5] and ERC Recommendation 70-03 [i.2] are providing the usage conditions for Eurobalise transmissions in frequency range 984 - 7 484 kHz (4,234 MHz centre frequency). The 27 MHz band is only used in the OBE for telepowering the Eurobalise, which is not in the scope of the present document. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 302 608 V2.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 617 V2.2.1

UHF raadiosagedusala liikuva lennuside maapealsed amplituudmodulatsiooniga raadiosaatjad, vastuvõtjad ja transiiverid. Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel

Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for DSB AM ground based transmitters, receivers and transceivers operating in all or any part of the aeronautical frequency band between 225 MHz and 399,975 MHz. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Directive 2014/53/EU [i.1] as well as essential requirements under the Single European Sky (SES) Interoperability Regulation No 552/2004 [i.3] and related implementing rules and/or essential requirements under the EASA basic Regulation No 216/2008 [i.5] as amended by Regulation No 1108/2009 [i.6] may apply to equipment within the scope of the present document.

Keel: en
Alusdokumendid: EN 302 617 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 885 V2.2.1

Liikuva mereside teenistuse teisaldatav ülikõrgsagedusala (VHF) raadiotelefon, mis töötab VHF sagedusalades koos integreeritud klass H DSC käsijaamadega. Harmoneeritud standard direktiivi 2014/53/EL artiklite 3.2 ja 3.3 (g) oluliste nõuete alusel

Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC;Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

The present document states the minimum technical characteristics and methods of measurement required for portable Very High Frequency (VHF) radiotelephones with integrated handheld class H DSC operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz channels or 25 kHz and 12,5 kHz channels. The present document does not cover requirements for the integrated GNSS receiver providing locating function. The present document also specifies technical characteristics, methods of measurement and required test results. The present document covers the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU [i.5] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 302 885 V2.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 885 V2.2.2

Liikuva mereside teenistuse teisaldatav ülikõrgsagedusala (VHF) raadiotelefon, mis töötab VHF sagedusalades koos integreeritud klass H DSC käsijaamadega. Harmoneeritud standard direktiivi 2014/53/EL artiklite 3.2 ja 3.3 (g) oluliste nõuete alusel

Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC;Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

The present document states the minimum technical characteristics and methods of measurement required for portable Very High Frequency (VHF) radiotelephones with integrated handheld class H DSC operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz channels or 25 kHz and 12,5 kHz channels. The present document does not cover requirements for the integrated GNSS receiver providing locating function. The present document also specifies technical characteristics, methods of measurement and required test results. The present document covers the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU [i.5] under the conditions identified in annex A.

Keel: en

Alusdokumendid: EN 302 885 V2.2.2

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 302 885 V2.2.3

Liikuva mereside teenistuse teisaldatav ülikõrgsagedusala (VHF) raadiotelefon, mis töötab VHF sagedusalades koos integreeritud klass H DSC käsijaamadega. Harmoneeritud standard direktiivi 2014/53/EL artiklite 3.2 ja 3.3 (g) oluliste nõuete alusel
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC;Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

The present document states the minimum technical characteristics and methods of measurement required for portable Very High Frequency (VHF) radiotelephones with integrated handheld class H DSC operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz channels or 25 kHz and 12,5 kHz channels. The present document does not cover requirements for the integrated GNSS receiver providing locating function. The present document also specifies technical characteristics, methods of measurement and required test results. The present document covers the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU [i.5] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 302 885 V2.2.3

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 132 V1.1.1

Digitaalselektiivset kutsungit (DSC) kasutav väikese võimsusega mereside VHF isikuotsingu raadiomajakas; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Maritime low power VHF personal locating beacons employing Digital Selective Calling (DSC);Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document lays down the minimum requirements for low power maritime personal locating beacons employing DSC signalling according to ETSI EN 300 338-6 [1], on the VHF maritime mobile frequency band channel 70. Maritime personal locating beacons employing DSC signalling also include AIS with an integrated GNSS receiver to provide the locating function according to ETSI EN 303 098 [2]. The present document incorporates the relevant provisions of the International Telecommunication Union (ITU) radio regulations [i.4] included in Recommendation ITU-R M.493-14 [3]. The present document does not cover requirements for the integrated GNSS receiver providing the locating function. LBT (Listen Before Talk) techniques are employed to improve spectrum efficiency. For this application, both the radiated power and the length of time of operation are limited to enable the equipment to be sufficiently small and light to be worn comfortably at all times and to limit the operating range to a local area. The present document also specifies technical characteristics, methods of measurement and required test results. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 132 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 276 V1.1.1

Raadiosagedusalas 5852 MHz kuni 5872 MHz ja/või 5880 MHz kuni 5900 MHz töötavad mereside lairiba raadiolingid laevadele ja avamere ehitistele; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for maritime mobile broadband radiocommunication systems (MBR) radio equipment intended to operate in the 5,8 GHz band. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 5 852 MHz to 5 900 MHz Receive 5 852 MHz to 5 900 MHz The present document applies to systems utilizing integral electronically phase steered antennae applicable for communications between vessels and between vessels and platforms engaged in coordinated off-shore activities. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 276 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 316 V1.1.1

Otsene õhk-Maa lairibaside; Raadiosagedusalades 1900 MHz kuni 1920 MHz ja 5855 MHz kuni 5875 MHz töötavad seadmed; Kiirt kujundavad antennid; Harmoneeritud standard direktiivi 2014/53/EL artikli 3 lõike 2 põhinõuete alusel

Broadband Direct Air-to-Ground Communications;Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands;Beamforming antennas;

The present document specifies technical characteristics and methods of measurements for radio equipment at the Ground Station and Aircraft Station for Broadband Direct Air-to-Ground communications systems employing beamforming antennas. These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 1 1 900 MHz to 1 920 MHz Receive 1 1 900 MHz to 1 920 MHz Transmit 2 5 855 MHz to 5 875 MHz Receive 2 5 855 MHz to 5 875 MHz The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.5] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 316 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 316 V1.2.1

Lairiba õhk-maa otseside; Sagedustel 1900 MHz kuni 1920 MHz ja 5855 MHz kuni 5875 MHz töötavad seadmed; Fikseeritud suunadiagrammiga antennid; Lairiba õhk-maa otseside; Sagedustel 1900 MHz kuni 1920 MHz ja 5855 MHz kuni 5875 MHz töötavad seadmed; kujundatava suunadiagrammiga antennid
Broadband Direct Air-to-Ground Communications;Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands;Beamforming antennas;

The present document specifies technical characteristics and methods of measurements for radio equipment at the Ground Station and Aircraft Station for Broadband Direct Air-to-Ground communications systems employing beamforming antennas. These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 1 1 900 MHz to 1 920 MHz Receive 1 1 900 MHz to 1 920 MHz Transmit 2 5 855 MHz to 5 875 MHz Receive 2 5 855 MHz to 5 875 MHz NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.5] is given in annex A.

Keel: en
Alusdokumendid: EN 303 316 V1.2.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 354 V1.1.1

Kohaliku TV ringhäälingu vastuvõtja võimendid ja aktiivantennid; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Amplifiers and active antennas for TV broadcast reception in domestic premises;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document covers amplifiers and indoor active antennas for broadcast TV and sound reception at UHF (470 MHz to 790 MHz) and at VHF (174 MHz to 230 MHz). The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 354 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 413 V1.1.1

Satelliitside maajaamad ja süsteemid (SES); Ülemaailmse satelliitnavigatsioonisüsteemi (GNSS) vastuvõtjad; Raadiosagedusalas 1164 - 1300 MHz ja 1559 - 1610 MHz töötavad raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Satellite Earth Stations and Systems (SES);Global Navigation Satellite System (GNSS) receivers;Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands;

The present document specifies technical characteristics and methods of measurements for Global Navigation Satellite System (GNSS) User Equipment (GUE). Global Navigation Satellite System (GNSS) User Equipment (GUE) is capable of operating as part of one or more radionavigation-satellite service (RNSS) systems in the RNSS frequency bands given in table 1-1. Table 1-1: Radionavigation-satellite service (RNSS) frequency bands RNSS frequency bands Comments 1 164 MHz to 1 300 MHz space-to-Earth 1 559 MHz to 1 610 MHz space-to-Earth A GUE receives radio signals from one or more GNSS for the purpose of radiodetermination of the position, velocity, and/or other characteristics of an object, or the obtaining of information relating to those parameters, by means of the propagation properties of radio waves. RNSS is defined as "A radiodetermination-satellite service used for the purpose of radionavigation" (article 1.43 of ITU Radio Regulations [i.13]). The present document applies to all GUE operating in the bands given in table 1-1 with the ability to receive any GNSS (e.g. Galileo, Global Positioning System (GPS), BeiDou (BDS), Global Navigation Satellite System (GLONASS), Space Based Augmentation Systems (SBAS)). The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 413 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 454 V1.1.1

Lähitoimeseadmed (SRD); Raadiosagedusalas 1 kHz kuni 148,5 kHz töötavad lähedusandurid; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Short Range Devices (SRD);Metal and object detection sensors in the frequency range 1 kHz to 148,5 kHz;Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for metal and object detection sensors in the frequency range 1 kHz to 148,5 kHz. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.3] under the conditions identified in annex A. The size for the inductive loops covered by the present document is limited to 3 m2. The present document does not cover other devices using the frequency range below 148,5 kHz, e.g. ETSI EN 303 348 [i.7] (Inductive loop for hearing impaired in 0 kHz to 20 kHz), ETSI EN 303 447 [i.8] (Inductive robotic mowers). These radio equipment types are capable of operating in all or part of the frequency bands given in table 1. Table 1: Permitted range of operation Permitted range of operation Transmit 1 kHz to 148,5 kHz Receive 1 kHz to 148,5 kHz NOTE: It should be noted that the frequency range between 9 kHz and 148,5 kHz is EU wide harmonised for inductive Short Range Devices according to Decision 2017/1483 [i.2].

Keel: en
Alusdokumendid: EN 303 454 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 303 980 V1.1.1

Kosmoseside maajaamad ja süsteemid (SES); Saatesagedusel 11 GHz - 14 GHz mittegeostatsionaarorbiidil kosmoseside süsteemidega (NEST) suhtlevate statsionaarsete ja liikuvate maajaamade harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Satellite Earth Stations and Systems (SES);Harmonised Standard for fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands covering essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz FSS frequency bands, which have the following characteristics: • The NEST is designed for both in-motion and stationary operation. • The NEST operates in-motion on various platforms such as trains, maritime vessels, aircraft and other vehicles and, therefore, may be subject to occasional disturbances and interruptions in the satellite link. • The NEST is operating as part of a satellite system used for the provision of broadband communications. • The NEST is comprised of all the equipment, electrical and mechanical, from the antenna itself to the interface with other communications equipment on a mobile platform. • The NEST comprises one or more emitters and the system overview as given in figure 1 should be interpreted accordingly. • The transmit and receive frequencies are shown in table 1. Table 1: Frequency bands Frequency Bands Transmit (Earth-to-space) 14,0 GHz to 14,50 GHz Receive (space-to-Earth) 10,70 GHz to 12,75 GHz • The NEST transmits within the frequency range from 14,0 GHz to 14,50 GHz. • The NEST receives within the range from 10,70 GHz to 12,75 GHz. • The NEST transmits at elevation angles of 50° or greater, relative to the horizontal plane. • The NEST uses linear or circular polarization. • The NEST communicates with non-geostationary satellites. • The NEST is designed for unattended operation. • The NEST is controlled and monitored by a Network Control Facility (NCF). The NCF is outside the scope of the present document. Figure 1: NEST System Overview The present document applies to the NEST with its ancillary equipment and its various telecommunication ports, and when operated within the boundary limits of the operational environmental profile as declared by the applicant and when installed as required by the applicant's declaration or in the user documentation. ETSI The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.8] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 980 V1.1.1

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 55014-1:2017/prA1_fragment_3:2018

Elektromagnetiline ühilduvus. Nõuded majapidamismasinatele, elektrilistele tööriistadele ja nendesarnastele seadmetele. Osa 1: Emissioon
Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

Amendment for EN 55014-1:2017, fragment 3

Keel: en
Alusdokumendid: CISPR 14-1:2016/A1:201X {frag 3}; EN 55014-1:2017/prA1:2018
Muudab dokumenti: EVS-EN 55014-1:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 55014-2:2015/prA1_fragment 1:2018

Elektromagnetiline ühilduvus. Nõuded majapidamismasinatele, elektrilistele tööriistadele ja nendesarnastele seadmetele. Osa 2: Häiringukindlus. Tooteperekonna standard
Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

Amendment for EN 55014-2:2015, fragment 1

Keel: en
Alusdokumendid: CISPR 14-2:2015/A1:201X {frag 1}; EN 55014-2:2015/prA1:2018
Muudab dokumenti: EVS-EN 55014-2:2015

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 55032:2015/prA1_fargment 1:2018

Multimeediaseadme elektromagnetiline ühilduvus. Kiirgusnõuded
Electromagnetic compatibility of multimedia equipment - Emission requirements - Fragment 1

Amendment for EN 55032:2015, fragment 1

Keel: en
Alusdokumendid: CISPR 32:2015/A1:201X {frag 1}; EN 55032:2015/prA1:2018
Muudab dokumenti: EVS-EN 55032:2015

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 55032:2015/prA1_fragment 2:2018

Multimeediaseadme elektromagnetiline ühilduvus. Kiirgusnõuded
Electromagnetic compatibility of multimedia equipment - Emission requirements - Fragment 2

Amendment for EN 55032:2015, fragment 2

Keel: en
Alusdokumendid: CISPR 32:2015/A1:201X {frag 2}; EN 55032:2015/prA1:2018
Muudab dokumenti: EVS-EN 55032:2015

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 55032:2015/prA1_fragment 3:2018

Multimeediaseadme elektromagnetiline ühilduvus. Kiirgusnõuded
Electromagnetic compatibility of multimedia equipment - Emission requirements - Fragment 3

Amendment for EN 55032:2015, fragment 3

Keel: en
Alusdokumendid: CISPR 32:2015/A1:201X {frag 3}; EN 55032:2015/prA1:2018
Muudab dokumenti: EVS-EN 55032:2015

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 61169-64:2018

Radio Frequency Connectors - Part 64: Sectional specification for RF coaxial connectors with 0.8 mm inner diameter of outer conductor - characteristic impedance 50 Ω (type-0.8)

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for 61169 series coaxial connectors with 0.8 mm coupling. The connectors are used with cables with characteristic impedance 50 Ω in an operating frequency range up to 145GHz. The connectors are widely used in communications and measurements. It describes the interface dimensions for general purpose connectors with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all detail specifications relative to type 0.8 connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers all tests schedules and inspection requirements. NOTE Dimension are in mm, however original dimensions were in inches. All un-dimensioned pictorial configurations are for reference purpose only.

Keel: en
Alusdokumendid: IEC 61169-64:201X; prEN 61169-64:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 61280-4-1:2018

Fibre-optic communication subsystem test procedures - Part 4-1: Installed cable plant - Multimode attenuation measurement

This document is applicable to the measurement of attenuation of installed optical fibre cabling plant using multimode optical fibre. This cable plant can include multimode optical fibres, connectors, adapters, splices, and other passive devices. The cabling may be installed in a variety of environments including residential, commercial, industrial, and data centre premises, as well as outside plant environments. The test equipment used in this standard has a single fibre connector interface to test one fibre at a time; or sometimes a duplex interface that may be used to test a pair of fibres, often testing one fibre of the pair in each direction. In this standard, the optical fibres that are addressed include sub-categories A1-OMx, where x = 2, 3, 4 and 5 (50/125 µm) and A1-OM1 (62,5/125 µm) multimode optical fibres, as specified in IEC 60793-2-10. The attenuation measurements of the other multimode categories can be made using the approaches of this standard, but the source conditions for the other categories have not been defined.

Keel: en
Alusdokumendid: IEC 61280-4-1:201X; prEN 61280-4-1:2018
Asendab dokumenti: EVS-EN 61280-4-1:2010

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 62129-3:2018

Calibration of wavelength/optical frequency measurement instruments - Part 3:Optical frequency meters internally referenced to a frequency comb

This part of IEC 62129 describes the calibration of optical frequency meters using an optical frequency comb as an internal reference. It is applicable to instruments measuring the optical frequency emitted from sources that are typical for the fibre-optic communications industry. It is assumed that the optical radiation will be coupled to the optical frequency meter by a single-mode optical fibre. This standard is part of the IEC 62129 series on the calibration of wavelength/optical frequency measurement instruments. Refer to IEC 62129-1 for the calibration of optical spectrum analyzers, and refer to IEC 62129-2 for calibration of Michelson interferometer single wavelength meters.

Keel: en
Alusdokumendid: IEC 62129-3:201X; prEN 62129-3:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 63034:2018

Microspeakers (TC 100)

This document specifies the characteristics of microspeakers as well as the relevant test methods on microspeakers using steady-state sinusoidal signals, sinusoidal chirp, multi-tone or noise. The main characteristics include, but are not limited to, impedance, displacement, amplitude frequency response, distortion, and power handling.

Keel: en
Alusdokumendid: IEC 63034:201X; prEN IEC 63034:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 3086

Aerospace series - Hose assemblies - Designation limited to 15 digits

This European standard specifies the designation method for hose assemblies within 15 digits.

Keel: en
Alusdokumendid: FprEN 3086

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN 62668-1:2018

Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components

This part of IEC 62668, which is a standard, defines requirements for avoiding the use of counterfeit, recycled and fraudulent components used in the aerospace, defence and high performance (ADHP) industries. It also defines requirements for ADHP industries to maintain their intellectual property (IP) for all of their products and services. The risks associated with purchasing components outside of franchised distributor networks are considered in IEC TS 62668-2. Although developed for the avionics industry, this specification may be applied by other high performance and high reliability industries at their discretion. NOTE IEC 62668 series does not address the restriction on the re-use of a component in maintenance, repair and overhaul (MRO) operations and only address MRO activities when it is under OEM’s responsibility.

Keel: en
Alusdokumendid: IEC 62668-1:201X; prEN 62668-1:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

71 KEEMILINE TEHNOLOOGIA

prEN 61010-2-033:2018

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-033: Particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replace the existing text with the following: This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of their publications for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. This part of IEC 61010 specifies safety requirements for hand-held multimeters for domestic and professional use, capable of measuring MAINS. Hand-held multimeters are multi-range multifunction measuring instrument intended to measure voltage and other electrical quantities such as resistance or current. Their primary purpose is to measure voltage on a live MAINS. They are suitable to be supported by one hand during NORMAL USE.

Keel: en
Alusdokumendid: IEC 61010-2-033:201X; prEN 61010-2-033:2018

Asendab dokumenti: EVS-EN 61010-2-033:2012

Arvamusküsitluse lõppkuupäev: 16.09.2018

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 15112

Natural gas - Energy determination (ISO/FDIS 15112:2018)

This document provides the means for energy determination of natural gas by measurement or by calculation, and describes the related techniques and measures that are necessary to take. The calculation of thermal energy is based on the separate measurement of the quantity, either by mass or by volume, of gas transferred and its measured or calculated calorific value. The general means of calculating uncertainties are also given. Only systems currently in use are described. NOTE Use of such systems in commercial or official trade can require the approval of national authorization agencies, and compliance with legal regulations is required. This document applies to any gas-measuring station from domestic to very large high-pressure transmission. New techniques are not excluded, provided their proven performance is equivalent to, or better than, that of those techniques referred to in this document. Gas-measuring systems are not the subject of this document.

Keel: en
Alusdokumendid: prEN ISO 15112; ISO/FDIS 15112:2018
Asendab dokumenti: EVS-EN ISO 15112:2014

Arvamusküsitluse lõppkuupäev: 16.09.2018

91 EHITUSMATERJALID JA EHITUS

FprHD 60364-8-2:2018/FprAA:2018

Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations

Common modification for FprHD 60364-8-2:2018

Keel: en
Alusdokumendid: FprHD 60364-8-2:2018/FprAA:2018
Muudab dokumenti: prHD 60364-8-2:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

HD 60364-7-708:2017/FprAA

Madalpingelised elektripaigaldised. Osa 7-708: Nõuded eripaigaldistele ja -paikadele. Sõidukelamuväljakud, kämpinguväljakud ja muud samalaadsed paigad
Low-voltage electrical installations - Part 7-708: Requirements for special installations or locations - Caravan parks, camping parks and similar locations

Common modification for HD 60364-7-708:2017

Keel: en
Alusdokumendid: HD 60364-7-708:2017/FprAA
Muudab dokumenti: EVS-HD 60364-7-708:2017

Arvamusküsitluse lõppkuupäev: 16.09.2018

93 RAJATISED

prEN IEC 61820-1:2018

Electrical installations for aeronautical ground lighting at aerodromes - Part 1: Fundamental principles

This document is a part of a multipart standard that describes the requirements throughout the lifecycle of an Aeronautical Ground Lighting (AGL) system including design, installation, commissioning, maintenance, decommissioning and disposal. The standard covers principles of design and installation requirements for AGL systems including control, monitoring and transformation of energy, the cables and any electrical component utilized to produce the light intended to be used as a visual aid for air and ground navigation. This part describes in general the fundamental principles to provide safe, reliable and efficient operation of AGL systems independent to the particular system design. Where certain aspects of design are specific to a particular type of system [e.g. series-circuit], these are supplemented in the applicable part. Note: Local / national regulations can be different to this standard provisions.

Keel: en
Alusdokumendid: IEC 61820-1:201X; prEN IEC 61820-1:2018

Arvamusküsitluse lõppkuupäev: 16.09.2018

97 OLME. MEELELAHUTUS. SPORT

EN 60335-2-90:2015/prA1_fragment 1:2018

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens - Amendment 1 (f1)

Amendment for EN 60335-2-90:2015, fragment 1

Keel: en
Alusdokumendid: IEC 60335-2-90:2015/A1:201X {frag 1}; EN 60335-2-90:2015/prA1:2018
Muudab dokumenti: FprEN 60335-2-90:2014

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 60335-2-90:2015/prA1_fragment 3:2018

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens - Amendment 1 (f3)

Amendment for EN 60335-2-90:2015, fragment 3

Keel: en
Alusdokumendid: IEC 60335-2-90:2015/A1:201X {frag 3}; EN 60335-2-90:2015/prA1:2018
Muudab dokumenti: FprEN 60335-2-90:2014

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 60335-2-90:2015/prA1_fragment 4:2018

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens - Amendment 1 (f4)

Amendment for EN 60335-2-90:2015, fragment 4

Keel: en
Alusdokumendid: IEC 60335-2-90:2015/A1:201X {frag 4}; EN 60335-2-90:2015/prA1:2018
Muudab dokumenti: FprEN 60335-2-90:2014

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 60335-2-90:2015/prA1_fragment 5:2018

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens - Amendment 1 (f5)

Amendment for EN 60335-2-90:2015, fragment 5

Keel: en
Alusdokumendid: IEC 60335-2-90:2015/A1:201X {frag 5}; EN 60335-2-90:2015/prA1:2018
Muudab dokumenti: FprEN 60335-2-90:2014

Arvamusküsitluse lõppkuupäev: 16.09.2018

EN 60335-2-90:2015/prA1_fragment 6:2018

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens

Amendment for EN 60335-2-90:2015, fragment 6

Keel: en
Alusdokumendid: IEC 60335-2-90:2015/A1:201X {frag 6}; EN 60335-2-90:2015/prA1:2018
Muudab dokumenti: FprEN 60335-2-90:2014

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 60335-2-25_fragment 5:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon-mikrolaineahjudele
Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Fragment 5 of prEN IEC 60335-2-25:2018

Keel: en
Alusdokumendid: IEC 60335-2-25:201X {frag 5}; prEN 60335-2-25:2018
Asendab dokumenti: EVS-EN 60335-2-25:2012

Arvamusküsitluse lõppkuupäev: 16.09.2018

prEN IEC 60335-2-25_fragment 6:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon-mikrolaineahjudele
Household and similar electrical appliances - Safety - Part 2-25 (f6): Particular requirements for microwave ovens, including combination microwave ovens

Fragment 6 of prEN IEC 60335-2-25

Keel: en
Alusdokumendid: IEC 60335-2-25:201X {frag 6}; prEN IEC 60335-2-25:2018
Asendab dokumenti: EVS-EN 60335-2-25:2012

Arvamusküsitluse lõppkuupäev: 16.09.2018

TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate algupäraste Eesti standardite ja dokumentide kohta.

Tõlgetega tutvumiseks võtta ühendust EVS-i standardiosakonnaga: standardiosakond@evs.ee, ostmiseks klienditeenindusega: standard@evs.ee.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

EN 13445-2:2014/prA4:2016

Leekkuumutuseta surveanumad. Osa 2: Materjalid

See Euroopa standardi osa määratleb standardiga EN 13445-1:2014 kaetud ja metalsetest materjalidest valmistatud leekkuumutuseta surveanumate ja tugede (supports) materjalidele [sealhulgas plakeeritud (ingl k clad) materjalidele] esitatavad nõuded. See on praegu piiritletud piisava plastsusega terastega, kuid samuti komponentide korral, mis töötavad roomavuse alas, piiritletud piisava materjali roome-plastsusega. See määratleb nõuded leekkuumutuseta surveanumate tootmiseks kasutatavate metalsete materjalide valikule, kontrollile, katsetamisele ja tähistamisele.

Keel: et
Alusdokumendid: EN 13445-2:2014/prA4:2016

Kommenteerimise lõppkuupäev: 16.08.2018

EVS-EN ISO 6888-1:2001/A1:2004

Toiduainete ja loomasöötade mikrobioloogia. Horisontaalmeetod koagulaarpositiivsete stafülokokkide (staphylococcus aureus ja teised liigid) loendamiseks. Osa 1: Baird-Parker agarsöötme kasutamise meetod. Muudatus 1: Täppisandmete lisamine

Käesoleva standardi osa kirjeldab horisontaalmeetodit koagulaaspositiivsete stafülokokkide määramiseks toiduainetes ja loomasöötades kolooniate loendamise teel, mis kasvasid tahkel söötmel (Baird-Parker sööde) pärast aeroobset kasvatamist 35 °C või 37 °C juures.

Keel: et
Alusdokumendid: ISO 6888-1:1999/A1:2003; EN ISO 6888-1:1999/A1:2003

Kommenteerimise lõppkuupäev: 16.08.2018

EVS-EN ISO 7027-1:2016

Vee kvaliteet. Hägususe määramine. Osa 1: Kvantitatiivsed meetodid (ISO 7027-1:2016)

See standardi ISO 7027 osa kirjeldab kahte kvantitatiivset meetodit vee hägususe mõõtmiseks, vastavalt optilise turbidimeetri või nefelomeetri abil: a) nefelomeetria, protseduur hajunud kiirguse mõõtmiseks, mida rakendatakse madala hägususega vee puhul (näiteks joogivesi); b) turbidimeetria, protseduur kiirgusvoo kahanemise mõõtmiseks, mis on paremini rakendatav kõrge hägususega vee puhul (näiteks reovesi või muu hägune vesi). Esimesena loetletud meetodi abil mõõdetud hägususe näitajad esitatakse nefelomeetrilise hägususe ühikutes (ingl k nephelometric turbidity unit, NTU). Tulemused jäävad harilikult vahemikku <0,05 NTU ja 400 NTU. Sõltuvalt instrumendi mudelist võib see olla rakendatav ka kõrgema hägususega vee puhul. NTU ja formasiini nefelomeetriline ühik (ingl k formazin nephelometric unit, FNU) on arvuliselt ekvivalentsed. Teisena loetletud meetodi abil mõõdetud hägusust väljendatakse formasiini kahanemise ühikutes (ingl k formazin attenuation unit, FAU), tulemused jäävad tavaliselt vahemikku 40 FAU ja 4000 FAU.

Keel: et
Alusdokumendid: ISO 7027-1:2016; EN ISO 7027-1:2016

Kommenteerimise lõppkuupäev: 16.08.2018

prEN 13813

Tasandusmördid ja põrandate tasanduskiht. Tasandusmördid. Omadused ja nõuded

Käesolevas dokumendis spetsifitseeritakse nõuded järgmistele standardis EN 13318 määratletud: — tsemendi, — kipsi, — magnesiidi, — valuasfaldi ja — sünteesvaigu põhistele tasandusmörtidele. Kõiki tasandusmörtide tüüpe saab kasutada sisemistes rakendustes. Tsemendipõhiseid tasandusmörte võib kasutada nii sisemistes kui ka välistes rakendustes. Käesolev dokument spetsifitseerib värskete tasandumörtide ja kivistunud tasanduskihtide omadusi. Põranda tasandusmördid võivad olla paigaldatud ühes või mitmes kihis. Käesolevas dokumendis spetsifitseeritakse nii tasandusmörtide tähised kui ka nende omaduste klassid. Lisaks spetsifitseeritakse ka tasandusmörtide toimivuse püsivuse, märgistamise ja sildistamise hindamise ja kontrollimise kord. Käesolev dokument ei esita kriteeriume ega soovitusi tasandusmörtide projekteerimiseks ja paigaldamiseks.

Keel: et
Alusdokumendid: prEN 13813

Kommenteerimise lõppkuupäev: 16.08.2018

prEN 50129:2016

Raudteealased rakendused. Kommunikatsiooni-, signalisatsiooni- ja andmetöötlussüsteemid. Ohutusega seotud elektron-signalisatsioonisüsteemid

See dokument rakendub raudtee signalisatsioonisüsteemide ohutusalastele elektroonilistele süsteemidele (sealhulgas alamsüsteemidele ja seadmestikele). See dokument rakendub üldistele süsteemidele (s.t. üldistele toodetele või rakenduste klassi määravatele süsteemidele) ning spetsiifiliste rakenduste süsteemidele. Joonisel 1 on esitatud selle dokumendi käsitlusala ja selle seosed teiste CENELEC-i standarditega. Käesolev dokument rakendub üksnes süsteemide funktsionaalsele ohutusele. See ei ole mõeldud kasutamiseks muudel ohutusaladel nagu näiteks töötervishoid ja personali ohutus. Kuigi funktsionaalne ohutus omab selget mõju personali ohutusele, on süsteemi projektis ka teisi aspekte, mis mõjutavad töötervishoidu ja -ohutust, kuid mida ei kaeta käesoleva dokumendi sisuga. See dokument rakendub kõigile ohutusotstarbelise elektroonikasüsteemi elutsükli etappidele, fokusseerudes eriti etappidele 5 (süsteemi nõuete arhitektuur ja nende ülesehitus) kuni 10 (süsteemi heakskiit) vastavalt standardis EN 50126-1:2017 kirjeldatule. Mitte ohutusalaste süsteemide nõuded ei kuulu käesoleva standardi käsitlusalasse. See dokument ei rakendu olemasolevatele süsteemidele, alamsüsteemidele või seadmestikele, mis on heaks kiidetud enne käesoleva dokumendi loomist. Samas, kui see on mõistlikult rakendatav, tuleks seda rakendada olemasolevate süsteemide, alamsüsteemide ja seadmestike modifikatsioonidele ja täiendustele. See dokument rakendub eeskätt sihtotstarbeliselt raudtee signalisatsioonirakendustes kasutamiseks projekteeritud ja toodetud süsteemidele, alamsüsteemidele või seadmestikele. Seda on võimalik rakendada ka, senikaua kuni see on praktikas mõistlik, üldotstarbelistele või tööstusseadmetele (nt toiteallikad, displeide ekraanid või muud eritooted), mida hangitakse ohutusotstarbelise elektroonikasüsteemi koostisosadena. Minimaalselt tuleb tõendeid esitada järgmistel juhtudel (lisainfot on antud punktis 6.2) näitamaks, kas: – seadmestik ei ole ohutusalaselt rakendatav või – seadmestikku võib rakendada ohutusega seotud funktsioonide täitmiseks. Selle dokumendi sihtgrupiks on raudteede valdajad, raudteeseadmete tarnijad ja hindajad ning ohutusasutused, kuigi see ei kirjelda ohutusasutuste poolt kinnitatavat süsteemi vastuvõtu protsessi.

Keel: et
Alusdokumendid: prEN 50129:2016

Kommenteerimise lõppkuupäev: 16.08.2018

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Alljärgnevalt on toodud teave eelmise EVS Teataja avaldamise järel Standardikeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlusettepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

prEVS 875-10

Vara hindamine. Osa 10: Andmete kogumine ja analüüs, vara ülevaatus
Property valuation - Part 10: Data collection and analysis, property inspection

Käsitletakse andmete kogumist hindamistoimingu käigus ja vara ülevaatust kui selle ühte tähtsamat osa, samuti vara analüüsi.

Asendab dokumenti: EVS 875-10:2013
Koostamisettepaneku esitaja: Eesti Kinnisvara Hindajate Ühing

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 917:2013
Meditsiinilised survesukad
Medical compression hosiery

See standard kehtestab nõuded survesukkadele, mida kasutatakse jalaveenide ja lümfisoonte haiguste puhul ja mis on valmistatud looduslikest ja sünteetilistest niitidest kombinatsioonis kõrgelastsete niitidega. Standardi nõuded ei kehti profülaktilistele survesukkadele.

Kehtima jätmise alus: EVS/TK 11 otsus 24.05.2018 2.5/41 ja teade pikendamisküsitlusest 04.06.2018 EVS Teatajas

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas alljärgnevalt nimetatud standardite ja standardilaadsete dokumentide jätkuv kehtimine Eesti ja/või Euroopa standardina/dokumendina on vajalik.

Allviidatud standardite ja dokumentide kehtivana hoidmise vajalikkusest palume teavitada EVS-i standardiosakonda (standardiosakond@evs.ee).

EVS-EN 14617-15:2005

Agglomerated stone - Test methods - Part 15: Determination of compressive strength

This European standard specifies a method for determining the compressive strength of agglomerated stones

Keel: en
Alusdokumendid: EN 14617-15:2005
Tühistamisküsitluse lõppkuupäev: 16.08.2018

EVS-EN 14837:2006

Surfaces for sports areas - Determination of slip resistance

This European Standard specifies a method for the determination of the slip resistance of a sports surface in relation to a studded or smooth soled sports shoe.

Keel: en
Alusdokumendid: EN 14837:2006
Tühistamisküsitluse lõppkuupäev: 16.08.2018

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Standardikeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mille Eesti standardina avaldamiseks on vajalik täiendav ettevalmistusaeg. Selliste teadete avaldamine võib olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samal ajal nii eesti- kui ka ingliskeelsena.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist. Lisateave standardiosakonnast: standardiosakond@evs.ee.

EN 1090-4:2018

Execution of steel structures and aluminium structures - Part 4: Technical requirements for cold-formed structural steel elements and cold-formed structures for roof, ceiling, floor and wall applications

Eeldatav avaldamise aeg Eesti standardina 10.2018

EN ISO 19011:2018

Guidelines for auditing management systems (ISO 19011:2018)

Eeldatav avaldamise aeg Eesti standardina 09.2018

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN 1090-2:2018

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 2: Tehnilised nõuded teraskonstruktsioonidele

Execution of steel structures and aluminium structures - Part 2: Technical requirements for steel structures

See Euroopa standard spetsifitseerib nõuded ehituslikele terastoodetele ja nende elementidele, mis on valmistatud — kuumvaltsitud konstruktsiooniterasest toodetest tugevusklassiga kuni S700 (kaasa arvatud); — külmvormitud elementidest ja profiilplekist tugevusklassiga kuni S700 (kaasa arvatud) (kui ei ole kaetud standardi EN 1090-4 käsitlusalaga); — kuum- või külmvormitud austeniit-, austeniit-ferriit- ja ferriitsest roostevabast terasest toodetest; — kuum- või külmvormitud konstruktsioonilistest õõnesprofiilidest, kaasa arvatud standard- ja tellitud mõõtmetega valtsitud ja keevitatud õõnesprofiilid. Standardi EN 1090-4 käsitlusalaga kaetud külmvormitud elementidest valmistatud toodetele ja külmvormitud õõnesprofiilidele selles Euroopa standardis esitatud nõuete suhtes saavad ülimuslikuks standardi EN 1090-4 esitatud vastavad nõuded. Seda Euroopa standardit võib kasutada ka tugevusklassiga kuni S960 (kaasa arvatud) konstruktsiooniteraste puhul, eeldusel, et ehitustingimusi on töökindluskriteeriumide suhtes kontrollitud ja kõik vajalikud lisanõuded on spetsifitseeritud. Selles Euroopa standardis on toodud nõuded ilma viideteta teraskonstruktsiooni tüübile ja kujule (näiteks hooned, sillad, leht- või sõrestikkonstruktsioonid) ja see hõlmab ka väsimus- või seismilise koormusega konstruktsioone. Kindlad nõuded väljendatakse ehitamisklasside kaudu. See Euroopa standard kehtib konstruktsioonidele, mis on projekteeritud standardisarja EN 1993 asjakohase osa kohaselt. Sulundvaiad, survevaiad (deformatsioonivaiad, kandevaiad) ja mikrovaiad, mis on projekteeritud standardi EN 1993-5 järgi, tuleb ehitada standardite EN 12063, EN 12699 ja EN 14199 nõuete kohaselt. See Euroopa standard kehtib vaid sulundseina toestamise, sõrestike ja toestuste ehitamisele. See Euroopa standard kehtib ka terasest ja betoonist komposiitkonstruktsioonide terasosadele, mis on kavandatud standardisarja EN 1994 asjakohase osa järgi. Seda Euroopa standardit võib rakendada ka teiste projekteerimisreeglite järgi projekteeritud konstruktsioonidele, eeldusel, et valmistamistingimused vastavad nendele reeglite ja kõik vajalikud lisanõuded on spetsifitseeritud. See Euroopa standard sisaldab nõudeid sarruseteraste keevitamiseks konstruktsiooniterastega. See Euroopa standard ei sisalda nõudeid sarruseterase kasutamiseks sardbetooni valamisel.

UUED HARMONEERITUD STANDARDID

Toote nõuetele vastavuse seaduse kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtvate Eesti standardite kohta.

Harmoneeritud standardiks nimetatakse EL-i direktiivide kontekstis Euroopa Komisjoni standardimisettepaneku alusel Euroopa standardimisorganisatsioonide koostatud ja vastu võetud standardit.

Harmoneeritud standardite kasutamise korral eeldatakse enamiku vastavate direktiivide mõistes, et standardi kohaselt valmistatud toode täidab direktiivi olulisi nõudeid ning on üldjuhul kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist. Harmoneeritud standardi täpne tähendus ja õiguslik staatus tuleneb siiski iga direktiivi tekstist eraldi ning võib direktiivist olenevalt erineda.

Lisainfo:
http://www.newapproach.org/
http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

- harmoneeritud standardi staatuse saanud Eesti standardid
- harmoneeritud standardi staatuses olevate Eesti standardite kohta avaldatud märkused ja hoiatused, mida tuleb standardite järgimisel arvestada
- harmoneeritud standardi staatuse kaotanud Eesti standardid

Info esitatakse vastavate direktiivide kaupa.

Direktiiv 2014/30/EL
Elektromagnetiline ühilduvus
(EL Teataja 2018/C 246/01)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN 12895:2015 Tööstuslikud mootorkärud. Elektromagnetiline ühilduvus	13.07.2018		
EVS-EN 16361:2013+A1:2016 Masinkäitusega uksed. Tootestandard ja toodete omadused. Masinkäitusega ukseplokid (välja arvatud pendeluksed), mis on algselt kavandatud kasutamiseks masinkäitusega	13.07.2018	EN 16361:2013 Märkus 2.1	30.11.2018
EVS-EN 50121-3-1:2017 Raudteealased rakendused. Elektromagnetiline ühilduvus. Osa 3-1: Veerem. Rong ja komplektveerem	13.07.2018	EN 50121-3-1:2006; EN 50121-3-1:2006/AC:2008 Märkus 2.1	30.11.2018
EVS-EN 50121-3-2:2016 Raudteealased rakendused. Elektromagnetiline ühilduvus. Osa 3-2: Veerem. Aparatuur	13.07.2018	EN 50121-3-2:2006; EN 50121-3-2:2006/AC:2008 Märkus 2.1	30.11.2018
EVS-EN 50121-4:2016 Raudteealased rakendused. Elektromagnetiline ühilduvus. Osa 4: Signalisatsiooni- ja sideseadmete emissioon ja häiringutaluvus	13.07.2018	EN 50121-4:2006; EN 50121-4:2006/AC:2008 Märkus 2.1	30.11.2018
EVS-EN 50121-5:2017 Raudteealased rakendused. Elektromagnetiline ühilduvus. Osa 5: Elektrivarustussüsteemi püsipaigaldiste ja aparatuuri emissioon ja häiringutaluvus	13.07.2018	EN 50121-5:2006; EN 50121-5:2006/AC:2008 Märkus 2.1	30.11.2018
EVS-EN 50270:2015 Elektromagnetiline ühilduvus. Elektriseadmed põlevate gaaside, toksiliste gaaside ja hapniku avastamiseks ja mõõtmiseks	13.07.2018	EN 50270:2006 Märkus 2.1	30.11.2018
EVS-EN 50270:2015/AC:2016 Elektromagnetiline ühilduvus. Elektriseadmed põlevate gaaside, toksiliste gaaside ja hapniku avastamiseks ja mõõtmiseks	13.07.2018		
EVS-EN 61000-6-5:2015 Elektromagnetiline ühilduvus. Osa 6-5: Erialased põhistandardid. Elektrijaamade ja alajaamade keskkonna seadmete häiringutaluvus	13.07.2018		
EVS-EN 61000-6-5:2015/AC:2018 Elektromagnetiline ühilduvus. Osa 6-5: Erialased põhistandardid. Elektrijaamade ja alajaamade keskkonna seadmete häiringutaluvus	13.07.2018		

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.

Märkus 2.1: Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäevast alates ei loo asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.