

**06/2015**

Ilmub üks kord kuus alates 1993. aastast

# **EVS TEATAJA**

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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# ASUTATUD, PEATATUD JA LÕPETATUD KOMITEED

## **EVS/TK 57 „Põlevkivi ja põlevkiviproduktide töötlemine“ asutamine**

Komitee tähis: EVS/TK 57

Komitee pealkiri: Põlevkivi ja põlevkiviproduktide töötlemine

Käsitlusala: Põlevkivi kaevandamine ja töötlemise tehnoloogia, põlevkiviõli tootmine ja põlevkivikeemia, põlevkivienergeetika. Aheraine ja jääkproduktide töötlemine.

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# UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast [standardimisprogrammist](#).

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### CEN ISO/TS 80004-6:2015

#### **Nanotehnoloogiad. Sõnastik. Osa 6: Nanoobjektide karakteriseerimine Nanotechnologies - Vocabulary - Part 6: Nano-object characterization (ISO/TS 80004-6:2013)**

See tehniline spetsifikatsioon esitab nanoobjektide karakteriseerimisega seonduvate terminite ja määratluste loetelu.

Keel: en, et

Alusdokumendid: ISO/TS 80004-6:2013; CEN ISO/TS 80004-6:2015

### CEN/TS 15989:2015

#### **Firefighting and rescue service vehicles and equipment - Graphical symbols for control elements and displays and for markings**

This Technical Specification is applicable to graphical symbols for control elements and displays and for markings for fire fighting and rescue service vehicles and equipment.

Keel: en

Alusdokumendid: CEN/TS 15989:2015

Asendab dokumenti: CEN/TS 15989:2010

### EVS-EN 15987:2015

#### **Leather - Terminology - Key definitions for the leather trade**

This European Standard specifies the key terms and definitions used for the leather trade and provides guidance on the correct use of the term "leather". Defined parameters in this standard need to be assessed using standard test methods specific for leather. NOTE See Bibliography for leather test method standards.

Keel: en

Alusdokumendid: EN 15987:2015

Asendab dokumenti: EVS-EN 15987:2011

## 03 TEENUSED. ETTEVÖTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

### CEN ISO/TR 17424:2015

#### **Intelligent transport systems - Cooperative systems - State of the art of Local Dynamic Maps concepts (ISO/TR 17424:2015)**

TR 17424 deliver information about the current status of the Local Dynamic Map (LDM) concepts as they have been developed in the different R&D projects in Europe, Japan and the USA. It presents different architectures, implementations, LDM functional blocks and the related standardization activities. TR 17424 proposes actions for future standardization activities and harmonization needs. – Definition of the LDM (based on EU projects SAFESPOT, CVIS, and COMeSafety) – Thesis: The LDM is a subsystem located within an ITS station. – A LDM typical consists of several elements or functions: o LDM management including synchronization and update o LDM data storage o LDM security o LDM content integrity o LDM policy advisor (privacy) o LDM arbiter / screening, prioritizing o LDM SAPs / data access o LDM broker (shared data management) The draft TR is ready for DTR comment ballot submission.

Keel: en

Alusdokumendid: ISO/TR 17424:2015; CEN ISO/TR 17424:2015

### CEN/TS 14014:2015

#### **Postal services - Hybrid mail - XML definition of encapsulation of letters for automated postal handling**

The purpose of this Technical Specification is to define the syntax rules for a data stream for the submission of printing data to a Hybrid Mail operator or between Hybrid Mail operators. The Technical Specification defines a XML Schema Definition (XSD) describing the data stream. The description is based upon the XML (eXtended Mark-up Language) definition of rules and semantics for defining an XSD. The purpose of this is to offer a generalised syntax description that can provide seamless integration with a number of existing applications generating data that is liable to be forwarded to or from a Hybrid Mail operator. The use of an XSD will ensure that the documents conform to the standard defined and that the output has the correct syntax. Software manufacturers can use an XSD to program applications that will produce correct outputs. This Technical Specification defines the syntax for creating a data stream that will eventually be converted into a deliverable. The overall object (a batch) can be divided into one or more objects that again can be divided into objects. The hierarchy includes bundles that contain a common part and letters. Each object has a number of characteristics attached to it. This diagram shows the structure of a HML (Hybrid Mail Language) document: each letter is self-contained (contains all the necessary information to be delivered on a certain destination). Each letter can have one contact. Each contact can have multiple alternatives for delivery. This Technical

Specification does not define the specific services offered by local operators (Hybrid Mail operators). This Technical Specification does not define the communication method used. It does only define the format of Hybrid Mail as such.

Keel: en

Alusdokumendid: CEN/TS 14014:2015

Asendab dokumenti: CEN/TS 14014:2006

## **EVS-EN 16247-5:2015**

### **Energy audits - Part 5: Competence of energy auditors**

This European Standard specifies the competence requirements of the energy auditor. This European Standard can be used to specify energy auditor qualification schemes at a national level; used by organizations undertaking energy audits to appoint a suitably competent energy auditor and used by organizations, in conjunction with EN 16247-1, EN 16247-2, EN 16247-3 and EN 16247-4, to ensure a good level of quality of the energy audits. This European Standard also recognizes that all the competence required can reside in the energy auditor or a team of energy auditors.

Keel: en

Alusdokumendid: EN 16247-5:2015

## **07 MATEMAATIKA. LOODUSTEADUSED**

### **CEN ISO/TS 12025:2015**

#### **Nanomaterials - Quantification of nano-object release from powders by generation of aerosols (ISO/TS 12025:2012)**

This Technical Specification provides methodology for the quantification of nano-object release from powders as a result of treatment, ranging from handling to high energy dispersion, by measuring aerosols liberated after a defined aerosolization procedure. In addition to information in terms of mass, the aerosol is characterized for particle concentrations and size distributions. This Technical Specification provides information on factors to be considered when selecting from the available methods for powder sampling and treatment procedures and specifies minimum requirements for test sample preparation, test protocol development, measuring particle release and reporting data. In order to characterize the full size range of particles generated, the measurement of nano-objects as well as agglomerates and aggregates is recommended in this Technical Specification. This Technical Specification does not include the characterization of particle sizes within the powder. Tribological methods are excluded where direct mechanical friction is applied to grind or abrade the material.

Keel: en

Alusdokumendid: ISO/TS 12025:2012; CEN ISO/TS 12025:2015

### **CEN ISO/TS 17200:2015**

#### **Nanotechnology - Nanoparticles in powder form - Characteristics and measurements (ISO/TS 17200:2013)**

This Technical Specification lists fundamental characteristics which are commonly determined for nanoparticles in powder form. The Technical Specification prescribes specific measurement methods for each of these characteristics. This Technical Specification does not specify acceptable quantitative criteria for the characteristics because they are subject to agreement between sellers, buyers, and regulators. Excluded in this Technical Specification are characteristics specifically related to health, safety, and environmental issues, as well as characteristics that pertain to specific applications of nanoparticles in powder form.

Keel: en

Alusdokumendid: ISO/TS 17200:2013; CEN ISO/TS 17200:2015

### **CEN ISO/TS 80004-6:2015**

#### **Nanotehnoloogiad. Sõnastik. Osa 6: Nanoobjektide karakteriseerimine Nanotechnologies - Vocabulary - Part 6: Nano-object characterization (ISO/TS 80004-6:2013)**

See tehniline spetsifikatsioon esitab nanoobjektide karakteriseerimisega seonduvate terminite ja määratluste loetelu.

Keel: en, et

Alusdokumendid: ISO/TS 80004-6:2013; CEN ISO/TS 80004-6:2015

## **11 TERVISEHOOLDUS**

### **EVS-EN 45502-1:2015**

#### **Implants for surgery - Active implantable medical devices - Part 1: General requirements for safety, marking and for information to be provided by the manufacturer**

This Part 1 of EN 45502 specifies requirements that are generally applicable to ACTIVE IMPLANTABLE MEDICAL DEVICES. NOTE 1 For particular types of ACTIVE IMPLANTABLE MEDICAL DEVICES, these general requirements are supplemented or modified by the requirements of particular standards which form additional parts of this European Standard. The tests that are specified in EN 45502 are type tests and are to be carried out on samples of an ACTIVE IMPLANTABLE MEDICAL DEVICE to show compliance. This Part 1 of EN 45502 is applicable not only to ACTIVE IMPLANTABLE MEDICAL DEVICES that are electrically powered but also to those powered by other energy sources (for example by gas pressure or by springs). This Part 1 of EN 45502 is also applicable to some non-implantable parts and accessories of the ACTIVE IMPLANTABLE MEDICAL DEVICES. NOTE 2 The terminology used in this European Standard is intended to be consistent with the terminology of Directive 90/385/EEC. NOTE 3 In this European Standard, terms printed in small capital letters are used as defined in Clause 3. Where a

defined term is used as a qualifier in another term, it is not printed in small capital letters unless the concept thus qualified is also defined.

Keel: en

Alusdokumendid: EN 45502-1:2015

Asendab dokumenti: EVS-EN 45502-1:2000

### **EVS-EN 455-2:2015**

#### **Ühekordselt kasutatavad meditsiinilised kindad. Osa 2: Nõuded füüsikalistele omadustele ja katsetamine**

##### **Medical gloves for single use - Part 2: Requirements and testing for physical properties**

This European Standard specifies requirements and gives test methods for physical properties of single-use medical gloves (i.e. surgical gloves and examination/procedure gloves) in order to ensure that they provide and maintain in use an adequate level of protection from cross contamination for both patient and user. This European Standard does not specify the size of a lot. Attention is drawn to the difficulties that can be associated with the distribution and control of very large lots. The recommended maximum individual lot size for production is 500 000.

Keel: en

Alusdokumendid: EN 455-2:2015

Asendab dokumenti: EVS-EN 455-2:2009+A2:2013

### **EVS-EN 60601-1-10:2008/A1:2015**

#### **Elektrilised meditsiiniseadmed. Osa 1-10: Üldnõuded esmasele ohutusele ja olulistele toimivusnäitajatele. Kollateraalsandard: Nõuded füsioloogiliste suletud ahelaga kontrolleri arendamisele**

##### **Medical electrical equipment - Part 1-10: General requirements for basic safety and essential performance - Collateral Standard: Requirements for the development of physiologic closed-loop controllers**

Amendment to EN 60601-1-10:2008

Keel: en

Alusdokumendid: IEC 60601-1-10:2007/A1:2013; EN 60601-1-10:2008/A1:2015

Muudab dokumenti: EVS-EN 60601-1-10:2008

### **EVS-EN 60601-1-11:2015**

#### **Elektrilised meditsiiniseadmed. Osa 1-11: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Nõuded koduses ravikeskkonnas kasutatavatele elektrilistele meditsiiniseadmetele ja -süsteemidele**

##### **Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment**

IEC 60601-1-11:2015 applies to the basic safety and essential performance of medical electrical equipment and medical electrical systems for use in the home healthcare environment. It applies regardless of whether the medical electrical equipment or medical electrical system is intended for use by a lay operator or by trained healthcare personnel. The home healthcare environment includes: - the dwelling place in which a patient lives; - other places where patients are present both indoors and outdoors, excluding professional healthcare facility environments where operators with medical training are continually available when patients are present. This second edition cancels and replaces the first edition of IEC 60601-1-11, published in 2010, and constitutes a technical revision. The most significant changes with respect to the previous edition include the following modifications: - correction of test method for relative humidity control at temperatures above 35 °C; - redrafting of subclauses that altered instead of adding to the general standard or other collateral standards; and - harmonizing with the changes to the amendments to the general standard and other collateral standards.

Keel: en

Alusdokumendid: IEC 60601-1-11:2015; EN 60601-1-11:2015

Asendab dokumenti: EVS-EN 60601-1-11:2010

### **EVS-EN 60601-1-12:2015**

#### **Elektrilised meditsiiniseadmed. Osa 1-12: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Nõuded kiirabiteenustes kasutatavatele elektrilistele meditsiiniseadmetele ja -süsteemidele**

##### **Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment**

IEC 60601-1-12:2014 constitutes a collateral standard to IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance hereafter referred to as the general standard. Medical practice is increasingly using medical electrical equipment and medical electrical systems for monitoring, treatment or diagnosis of patients in the emergency medical services environment. The safety of medical electrical equipment in this uncontrolled, rough environment is a cause for concern. This collateral standard was developed with contributions from clinicians, engineers and regulators. The terminology, requirements, general recommendations and guidance of this collateral standard are intended to be

useful for manufacturers of medical electrical equipment and medical electrical systems and for technical committees responsible for the development of particular standards. This International Standard applies to the basic safety and essential performance of medical electrical equipment and medical electrical systems, hereafter referred to as ME equipment and ME systems, which are intended, as indicated in the instructions for use by their manufacturer, for use in the EMS environment (Emergency Medical Services environment). The object of this collateral standard is to provide general requirements for ME equipment and ME systems carried to the scene of an emergency and used there, as well as in transport, in situations where the ambient conditions differ from indoor conditions. The object of this collateral standard is to specify general requirements that are in addition to those of the general standard and to serve as the basis for particular standards.

Keel: en

Alusdokumendid: IEC 60601-1-12:2014; EN 60601-1-12:2015

### **EVS-EN 60601-1-3:2008+A1:2013**

**Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele**

**Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment (IEC 60601-1-3:2008+IEC 60601-1-3:2008/A1:2013)**

See rahvusvaheline standard kehtib elektriliste meditsiiniseadmete ja elektriliste meditsiinisüsteemide (edaspidi EM-seadmete ja EM-süsteemide) esmase ohutuse ja oluliste toimimisnäitajate kohta. See kollateraalsandard on kohaldatav sellistele röntgenseadmetele ja nende koostisosadele, mille puhul inimpatiendi radioloogilist kujutist kasutatakse diagnoosimiseks, meditsiiniprotseduuride kavandamiseks või juhtimiseks.

Keel: en, et

Alusdokumendid: IEC 60601-1-3:2008; EN 60601-1-3:2008; EN 60601-1-3:2008/AC:2010; IEC 60601-1-3:2008/A1:2013; EN 60601-1-3:2008/A1:2013; EN 60601-1-3:2008/A1:2013/AC:2014

### **EVS-EN 60601-1-6:2010/A1:2015**

**Elektrilised meditsiiniseadmed. Osa 1-6: Üldnõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Kasutussobivus**

**Medical electrical equipment - Part 1-6: General requirements for basic safety and essential performance - Collateral standard: Usability**

No Scope Available

Keel: en

Alusdokumendid: IEC 60601-1-6:2010/A1:2013; EN 60601-1-6:2010/A1:2015

Muudab dokumenti: EVS-EN 60601-1-6:2010

### **EVS-EN 60601-2-10:2015**

**Elektrilised meditsiiniseadmed. Osa 2-10: Erinõuded närvi- ja lihasstimulaatorite esmasele ohutusele ja olulistele toimimisnäitajatele**

**Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators**

This International Standard specifies the requirements for the safety of nerve and muscle STIMULATORS, defined in subclause 201.3.204, for use in the practice of physical medicine, hereinafter referred to as ME EQUIPMENT. This includes transcutaneous electrical nerve STIMULATORS (TENS) and electrical muscle STIMULATORS (EMS). NOTE A muscle STIMULATOR may also be known as a neuromuscular STIMULATOR. The following ME EQUIPMENT is excluded: - ME EQUIPMENT intended to be implanted or to be connected to implanted electrodes; - ME EQUIPMENT intended for the stimulation of the brain (e.g. electroconvulsive therapy ME EQUIPMENT); - ME EQUIPMENT intended for neurological research; - external cardiac pacemakers (see IEC 60601-2-31); - ME EQUIPMENT intended for averaged evoked potential diagnosis (see IEC 60601-2-40); - ME EQUIPMENT intended for electromyography (see IEC 60601-2-40); - ME EQUIPMENT intended for cardiac defibrillation (see IEC 60601-2-4).

Keel: en

Alusdokumendid: EN 60601-2-10:2015; IEC 60601-2-10:2012

Asendab dokumenti: EVS-EN 60601-2-10:2002

### **EVS-EN 60601-2-11:2015**

**Elektrilised meditsiiniseadmed. Osa 2-11: Erinõuded gammakiiritusraviseadmete esmasele ohutusele ja olulistele toimimisnäitajatele**

**Medical electrical equipment - Part 2-11: Particular requirements for the basic safety and essential performance of gamma beam therapy equipment**

IEC 60601-2-11:2013 applies to the basic safety and essential performance of gamma beam therapy equipment, including multi-source stereotactic radiotherapy equipment. This particular standard of the 60601 series, establishes requirements to be complied with by manufacturers in the design and construction of gamma beam therapy equipment. It states tolerance limits beyond which interlocks must prevent, interrupt or terminate irradiation in order to avoid an unsafe condition. Type tests which are performed by the manufacturer, or site tests, which are not necessarily performed by the manufacturer, are specified for each requirement. It does not attempt to define the optimum performance requirements for a gamma beam therapy equipment for use in radiotherapy.

Its purpose is to identify those features of design which are regarded at the present time as essential for the safe operation of such equipment. It places limits on the degradation of equipment performance at which it can be presumed that a fault condition applies, e.g. a component failure, and where an interlock then operates to prevent continued operation. This third edition cancels and replaces the second edition of IEC 60601-2-11 published in 1997 and its Amendment 1:2004. This edition constitutes a technical revision which brings this standard in line with the third edition of IEC 60601-1 and its collateral standards.

Keel: en

Alusdokumendid: IEC 60601-2-11:2013; EN 60601-2-11:2015

Asendab dokumenti: EVS-EN 60601-2-11:2001

Asendab dokumenti: EVS-EN 60601-2-11:2001/A1:2004

### **EVS-EN 60601-2-17:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-17: Erinõuded automaatjärellaadimisega brahhüteraapiaseadmete esmasele ohutusele ja olulistele toimimismärgidele** **Medical electrical equipment - Part 2-17: Particular requirements for the basic safety and essential performance of automatically-controlled brachytherapy afterloading equipment**

IEC 60601-2-17:2013 applies to the basic safety and essential performance of automatically-controlled Brachytherapy Afterloading Medical Equipment. This standard does not specify requirements for sealed radioactive sources. This third edition cancels and replaces the second edition, published in 2004. Consideration has been given to new IEC standards, amendments to existing IEC standards, developments in technology and clinical usage, and various hazards encountered and envisaged since the preparation of the first and second editions. This edition constitutes a technical revision which brings this standard in line with IEC 60601-1:2005+A1:2012 and its collateral standards.

Keel: en

Alusdokumendid: IEC 60601-2-17:2013; EN 60601-2-17:2015

Asendab dokumenti: EVS-EN 60601-2-17:2004

### **EVS-EN 60601-2-24:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-24: Erinõuded infusioonpumpade ja kontrolleri esmasele ohutusele ja olulistele toimimismärgidele** **Medical electrical equipment - Part 2-24: Particular requirements for the basic safety and essential performance of infusion pumps and controllers**

IEC 60601-2-24:2012 applies to the basic safety and essential performance of infusion pumps and volumetric infusion controllers. This standard applies to administration sets insofar as their characteristics influence the basic safety or essential performance of infusion pumps and volumetric infusion controllers. However this standard does not specify requirements or tests for other aspects of administration sets. This particular standard specifies the requirements for enteral nutrition pumps, infusion pumps, infusion pumps for ambulatory use, syringe or container pumps, volumetric infusion controllers and volumetric infusion pumps. This particular standard does not apply to the following: devices specifically intended for diagnostic or similar use; devices for extracorporeal circulation of blood; implantable devices; equipment specifically intended for diagnostic use within urodynamics; equipment specifically intended for diagnostic use within male impotence testing; and devices covered by ISO 28620. This second edition cancels and replaces the first edition of IEC 60601-2-24. This edition constitutes a technical revision according to IEC 60601-1:2005+A1:2012 with new clause numbering, including usability and alarms.

Keel: en

Alusdokumendid: IEC 60601-2-24:2012; EN 60601-2-24:2015

Asendab dokumenti: EVS-EN 60601-2-24:2001

### **EVS-EN 60601-2-26:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-26: Erinõuded elektriliste entsefalograafide esmasele ohutusele ja olulistele toimimismärgidele** **Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs**

IEC 60601-2-26:2012 standard applies to basic safety and essential performance of electroencephalographs used in a clinical environment (e.g., hospital, physician's office, etc.). This standard does not cover requirements for other equipment used in electroencephalography. This third edition cancels and replaces the second edition of IEC 60601-2-26 published in 2003. The aim of this third edition is to bring this particular standard up to date with reference to the third edition of the general standard IEC 60601-1:2005 Edition 3, through reformatting and technical changes.

Keel: en

Alusdokumendid: IEC 60601-2-26:2012; EN 60601-2-26:2015

Asendab dokumenti: EVS-EN 60601-2-26:2003

### **EVS-EN 60601-2-3:2015**

#### **Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment**

This particular standard specifies the requirements for the safety of short-wave therapy equipment, hereafter referred to as ME equipment, as defined in subclause 201.3.206. Low power equipment as defined in subclause 201.3.202 is exempted from certain requirements of this standard.

Keel: en

Alusdokumendid: EN 60601-2-3:2015; IEC 60601-2-3:2012



### **EVS-EN 60601-2-33:2010/A1:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmeistiku esmasele ohutusele ja olulistele toimimisnäitajatele** **Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis**

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of MR EQUIPMENT and MR SYSTEMS, hereafter referred to also as ME EQUIPMENT. This standard does not cover the application of MR EQUIPMENT beyond the INTENDED USE. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. The standard does not formulate ESSENTIAL PERFORMANCE requirements related to INTERVENTIONAL MR EXAMINATIONS.

Keel: en

Alusdokumendid: EN 60601-2-33:2010/A1:2015; IEC 60601-2-33:2010/A1:2013

Muudab dokumenti: EVS-EN 60601-2-33:2010

### **EVS-EN 60601-2-36:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-36: Erinõuded kehaväliselt indutseeritava põiekivide purustamise seadmete esmasele ohutusele ja olulistele toimimisnäitajatele** **Medical electrical equipment - Part 2-36: Particular requirements for the basic safety and essential performance of equipment for extracorporeally induced lithotripsy**

IEC 60601-2-36:2014 applies to basic safety and essential performance of equipment for extracorporeally induced lithotripsy including equipment for other medical applications of therapeutic extracorporeally induced focused pressure pulses. The applicability of this particular standard is limited to components directly involved in the lithotripsy treatment, such as, but not limited to, the generator of the pressure pulse, patient support device, and their interactions with imaging and monitoring devices. Other devices, such as patient treatment planning computers, X-ray and ultrasonic devices, are excluded from this standard, because they are treated in other applicable IEC standards. This particular standard does not apply to ultrasound physiotherapy equipment intended to be used for physiotherapy; abd to ultrasound equipment intended to be used for high intensity therapeutic ultrasound (HITU) and other therapy equipment as described in Annex AA. This second edition cancels and replaces the first edition of IEC 60601-2-36 published in 1997. This edition constitutes a technical revision to align structurally with IEC 60601-1:2005 and its Amendment1:2012.

Keel: en

Alusdokumendid: IEC 60601-2-36:2014; EN 60601-2-36:2015

Asendab dokumenti: EVS-EN 60601-2-36:2001

### **EVS-EN 60601-2-47:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-47: Erinõuded ambulatoorsete elektrokardiograafiasüsteemide esmasele ohutusele ja olulistele toimimisnäitajatele** **Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems**

IEC 60601-2-47:2012 concerns the basic safety and essential performance of AMBULATORY ELECTROCARDIOGRAPHIC SYSTEMS. It amends and supplements the general standard IEC 60601-1 (third edition 2005). The requirements of this particular standard take priority over those of the general standard. Within the scope of this standard are systems of the following types: a) systems that provide continuous recording and continuous analysis of the ECG allowing full re-analysis giving essentially similar results. b) systems that provide continuous analysis and only partial or limited recording not allowing a full re-analysis of the ECG. The safety aspects of this standard apply to all types of systems falling in one of the above- mentioned categories. If the AMBULATORY ELECTROCARDIOGRAPHIC SYSTEM offers automatic ECG analysis, minimal performance requirements for measurement and analysis functions apply. MEDICAL ELECTRICAL EQUIPMENT covered by IEC 60601-2-25 and IEC 60601-2-27 are excluded from the scope of this standard. This standard does not apply to systems that do not continuously record and analyse the ECG (for example, 'intermittent event recorders'). This second edition cancels and replaces the first edition published in 2001. It constitutes a technical revision. This edition was revised to align structurally with the 2005 edition of IEC 60601-1.

Keel: en

Alusdokumendid: IEC 60601-2-47:2012; EN 60601-2-47:2015

Asendab dokumenti: EVS-EN 60601-2-47:2003

### **EVS-EN 60601-2-52:2010/A1:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-52: Erinõuded elektriga käitatavate haiglavoodite esmasele ohutusele ja olulistele toimimisnäitajatele** **Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds**

IEC 60601-2-52:2009 applies to the basic safety and essential performance of medical beds intended for adults. This first edition cancels and replaces the first edition of IEC 60601-2-38, published in 1996, and its Amendment 1 (1999). This edition constitutes a technical revision. IEC 60601-2-52:2009 is the realization of much work in alignment, and scope adjustment between IEC 60601-2-38, EN 1970, and the third edition of IEC 60601-1.

Keel: en

Alusdokumendid: IEC 60601-2-52:2009/A1:2015; EN 60601-2-52:2010/A1:2015  
Muudab dokumenti: EVS-EN 60601-2-52:2010

### **EVS-EN 60601-2-6:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-6: Erinõuded mikrolaineraviseadmete esmasele ohutusele ja olulistele toimumisnäitajatele** **Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment**

IEC 60601-2-6:2012 specifies the minimum requirements considered to provide for a practical degree of safety in the operation of microwave therapy equipment. This particular standard amends and supplements IEC 60601-1 (third edition, 2005 and amendment 1, 2012). This second edition cancels and replaces the first edition of IEC 60601-2-6, published in 1984. This edition constitutes a technical revision and has been aligned to the third edition of IEC 60601-1:2005+A1:2012.

Keel: en

Alusdokumendid: IEC 60601-2-6:2012; EN 60601-2-6:2015

### **EVS-EN 60601-2-62:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-62: Erinõuded kõrgintensiivse ultraheliraviseadme (HITU) esmasele ohutusele ja olulistele toimumisnäitajatele** **Medical electrical equipment - Part 2-62: Particular requirements for the basic safety and essential performance of high intensity therapeutic ultrasound (HITU) equipment**

IEC 60601-2-62:2013 applies to the basic safety and essential performance of HIGH INTENSITY THERAPEUTIC ULTRASOUND EQUIPMENT. This International Standard adds or replaces clauses listed in the IEC 60601-1 that are specific for HIGH INTENSITY THERAPEUTIC ULTRASOUND EQUIPMENT. If a clause or subclause is specifically intended to be applicable to such equipment only, or to related systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to individual equipment and to systems, as relevant. Hazards inherent in the intended physiological function of the equipment or systems within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. This standard can also be applied to - therapeutic equipment for thrombolysis through exposure to high-intensity therapeutic ultrasound; - therapeutic equipment for the treatment of occluding feeding vessels through exposure to high-intensity focused ultrasound; - and equipment intended to be used for relieving cancer pain due to bone metastases. This particular standard does not apply to - Ultrasound Equipment intended to be used for physiotherapy (use IEC 60601-2-5 and IEC 61689); - Ultrasound Equipment intended to be used for lithotripsy (use IEC 60601-2-36); - Ultrasound Equipment intended to be used for dedicated hyperthermia devices; and - Ultrasound Equipment intended to be used for phacoemulsification.

Keel: en

Alusdokumendid: IEC 60601-2-62:2013; EN 60601-2-62:2015

### **EVS-EN 60627:2015**

#### **Diagnostilised röntgenpildiseadmed. Üldotstarbeliste ja mammograafiliste hajukiirtevõrede karakteristikud** **Diagnostic X-ray imaging equipment - Characteristics of general purpose and mammographic anti-scatter grids**

This International Standard deals with the definitions, determination and indication of characteristics of ANTI-SCATTER GRIDS used in diagnostic X-ray imaging equipment, in order to reduce the incidence of SCATTERED RADIATION, produced particularly in the body of the PATIENT, upon the IMAGE RECEPTION AREA and thus to improve the contrast of the X-RAY PATTERN. In this standard only LINEAR GRIDS are considered. Since at present only FOCUSED GRIDS are used in mammography, this standard is restricted to FOCUSED GRIDS for MAMMOGRAPHIC ANTI-SCATTER GRIDS. This standard is not intended to be applied for ACCEPTANCE TESTS. This standard does not cover the homogeneity of performance over the area of a grid. This standard is intended to be applied for the demonstration of the characteristics of ANTI SCATTER GRIDS under test conditions. These conditions are not usually available at the site of the RESPONSIBLE ORGANIZATION.

Keel: en

Alusdokumendid: EN 60627:2015; IEC 60627:2013

Asendab dokumenti: EVS-EN 60627:2003

### **EVS-EN 62366:2008/A1:2015**

#### **Meditsiiniseadmed. Meditsiiniseadmete kasutussobivuse rakendamine** **Medical devices - Application of usability engineering to medical devices**

Amendment to EN 62366:2008

Keel: en

Alusdokumendid: IEC 62366:2007/A1:2014; EN 62366:2008/A1:2015

Muudab dokumenti: EVS-EN 62366:2008

### **EVS-EN 62570:2015**

#### **Meditsiiniseadmete ja muude toodete markeerimise standardreeglid nende ohutuse suhtes magnetresonantsi keskkonnas**

## **Standard practice for marking medical devices and other items for safety in the magnetic resonance environment**

IEC 62570:2014 applies to the practice of marking of items that might be used in the magnetic resonance (MR) environment. The purpose of this practice is to mark items that might be brought into the MR environment and to recommend information that should be included in the marking. The standard specifies the permanent marking of items, which are used in an MR environment, by means of terms and icons. MR image artifacts are not considered to be a performance issue and so are not addressed in this international standard practice. IEC 62570 is integrating the unmodified text of ASTM F2503-13. It has been developed by subcommittee 62B: Diagnostic imaging equipment, of IEC technical committee 62: Medical equipment in medical practice, in collaboration with ASTM.

Keel: en

Alusdokumendid: IEC 62570:2014; EN 62570:2015

### **EVS-EN 80601-2-30:2010/A1:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-30: Erinõuded automatiseeritud mitteinvasiivsete sfügmomanomeetrite esmasele ohutusele ja olulistele toimimisnäitajatele**

#### **Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers**

Amendment to EN 80601-2-30:2010

Keel: en

Alusdokumendid: IEC 80601-2-30:2009/A1:2013; EN 80601-2-30:2010/A1:2015

Muudab dokumenti: EVS-EN 80601-2-30:2010

### **EVS-EN 80601-2-60:2015**

#### **Elektrilised meditsiiniseadmed. Osa 2-60: Erinõuded hambaravis kasutatavate seadmete esmasele ohutusele ja olulistele toimimisnäitajatele**

#### **Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment**

IEC 80601-2-60:2012 applies to the basic safety and essential performance of Dental Units, Dental Patient Chairs, Dental Handpieces and Dental Operating Lights. Excluded are amalgamators, sterilizers and dental X-ray equipment.

Keel: en

Alusdokumendid: IEC 80601-2-60:2012; EN 80601-2-60:2015

### **EVS-EN ISO 16061:2015**

#### **Instrumentid kasutamiseks mitteaktiivsete kirurgiliste implantaatidega. Üldnõuded.**

#### **Instrumentation for use in association with non-active surgical implants - General requirements (ISO 16061:2015)**

This International Standard specifies general requirements for instruments to be used in association with non-active surgical implants. These requirements apply to instruments when they are manufactured and when they are resupplied after refurbishment. This International Standard also applies to instruments which may be connected to power-driven systems, but does not apply to the power-driven systems themselves. With regard to safety, this International Standard gives requirements for intended performance, design attributes, materials, design evaluation, manufacture, sterilization, packaging, and information supplied by the manufacturer. This International Standard is not applicable to instruments associated with dental implants, transendodontic and transradicular implants, and ophthalmic implants.

Keel: en

Alusdokumendid: ISO 16061:2015; EN ISO 16061:2015

Asendab dokumenti: EVS-EN ISO 16061:2010

### **EVS-EN ISO 24234:2015**

#### **Dentistry - Dental amalgam (ISO 24234:2015)**

No scope available

Keel: en

Alusdokumendid: ISO 24234:2015; EN ISO 24234:2015

Asendab dokumenti: EVS-EN ISO 24234:2004

Asendab dokumenti: EVS-EN ISO 24234:2004/A1:2011

### **EVS-EN ISO 80369-20:2015**

#### **Small-bore connectors for liquids and gases in healthcare applications - Part 20: Common test methods (ISO 80369-20:2015)**

This part of ISO 80369 specifies the functional requirements for SMALL-BORE CONNECTORS intended to be used for CONNECTIONS of MEDICAL DEVICES and related ACCESSORIES. This part of ISO 80369 specifies functional requirements for the essential performance of SMALL-BORE CONNECTORS. This part of ISO 80369 does not specify the functional requirements for the MEDICAL DEVICES or ACCESSORIES that use these CONNECTORS. Such requirements are given in particular International Standards for specific MEDICAL DEVICES or ACCESSORIES.

Keel: en

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### CEN/TS 15989:2015

#### **Firefighting and rescue service vehicles and equipment - Graphical symbols for control elements and displays and for markings**

This Technical Specification is applicable to graphical symbols for control elements and displays and for markings for fire fighting and rescue service vehicles and equipment.

Keel: en

Alusdokumendid: CEN/TS 15989:2015

Asendab dokumenti: CEN/TS 15989:2010

### CEN/TS 16660:2015

#### **Characterization of waste - Leaching behaviour test - Determination of the reducing character and the reducing capacity**

This Technical Specification specifies three laboratory tests to determine the reducing character and the reducing capacity of construction products, waste materials and the eluate resulting from exposure of these solids to a leachant. Reducing species released from the product are titrated to quantify the reducing capacity. For a specification of the materials with which experience has been acquired with the execution of the tests according to this Technical Specification see Annex A and [16]. NOTE Materials with reducing properties can in practice under both oxidising and anoxic (isolated) conditions show completely different leaching behaviour than obtained with the leaching tests specified in EN 16457. This may seriously hamper the interpretation of the leaching tests, if this condition is not taken into consideration.

Keel: en

Alusdokumendid: CEN/TS 16660:2015

### EVS-EN 12259-1:2003+A2+A3

#### **Paiksed tulekustutussüsteemid. Sprinkler- ja veepihustussüsteemide komponendid. Osa 1: Sprinklerid Fixed firefighting systems - Components for sprinkler and water spray systems - Part 1: Sprinklers**

See standard sätestab nõuded soojuse mõjul elemendi oleku muutumise või klaasampulli purunemise toimet rakenduvate sprinklerite konstruktsioonile ja talitlusele ning kasutamisele automaatsetes sprinklersüsteemides vastavalt EN 12845 „Automaatsed sprinklersüsteemid. Projekteerimine ja paigaldamine“. Ära toodud on ka katsemeetodid ja soovitatav tüübiheakskiidu katsete tabel. MÄRKUS Kõik surveandmete puhul on käesolevas Euroopa standardis toodud surveühikuna baar.

Keel: en, et

Alusdokumendid: EN 12259-1:1999+A1:2001/A2:2004; EN 12259-1:1999+A1:2001/A3:2006; EN 12259-1:1999+A1:2001

### EVS-EN 12566-1:2000+A1:2004

#### **Reovee väikepuhastid kuni 50 PT. Osa 1: Tööstuslikult valmistatud septikud Small wastewater treatment systems for up to 50 PT - Part 1: Prefabricated septic tanks**

This part of this standard specifies the requirements for prefabricated septic tanks and ancillary equipment used for the partial treatment of domestic wastewater for a population < 50 PT. Pipes sizes, loads, watertightness, marking and quality control are specified.

Keel: en

Alusdokumendid: EN 12566-1:2000; EN 12566-1:2000/A1:2003

### EVS-EN 13094:2015

#### **Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

This European Standard specifies requirements for the design and construction of metallic tanks with a maximum working pressure not exceeding 50 kPa gauge used for the transport of dangerous goods by road and rail for which Tank Code with letter "G" is given in Chapter 3.2 of ADR [2]. It also includes requirements for a system of identification of materials used in the construction of these tanks. This European Standard specifies requirements for openings, closures and structural equipment. NOTE 1 This document does not specify requirements for service equipment. This European Standard is applicable to aircraft refuellers that are used on public roads. It is also applicable to inter-modal tanks (e.g. tank containers and tank swap bodies) for the transport of dangerous goods by road and rail. NOTE 2 This document is not applicable to fixed rail tank wagons.

Keel: en

Alusdokumendid: EN 13094:2015

Asendab dokumenti: EVS-EN 13094:2008

Asendab dokumenti: EVS-EN 13094:2008/AC:2008

Asendab dokumenti: EVS-EN 13094:2008/AC:2009

## **EVS-EN 14742:2015**

### **Characterization of sludges - Laboratory chemical conditioning procedure**

The laboratory assessment of sludge dewaterability is sensitive to the operating procedure adopted for the conditioning step. No generalized ranking of products in order of effectiveness can be given since the ranking changes with the sludge type, dosage of conditioning agent, degree of shearing and dewatering device. The scope of this European Standard applies for sludges and suspensions from: - storm water handling; - urban wastewater collecting systems; - urban wastewater treatment plants; - industrial wastewater that has been treated similarly to urban wastewater (as defined in Directive 91/271/EEC); - water supply plants. This method is applicable to sludge and suspensions of other origin.

Keel: en

Alusdokumendid: EN 14742:2015

Asendab dokumenti: CEN/TR 14742:2006

## **EVS-EN 50625-2-2:2015**

### **Collection, logistics & Treatment requirements for WEEE - Part 2-2: Treatment requirements for WEEE containing CRTs and flat panel displays**

This clause of Part 1 is replaced by the following: This European standard is applicable to the treatments of WEEE containing CRTs and flat panel displays. This European standard applies to the treatment of WEEE containing CRTs and flat panel displays until end-of-waste status is fulfilled, or fractions are recycled, recovered, or disposed of. This European standard addresses all operators involved in the treatment including related handling, sorting, and storage.

Keel: en

Alusdokumendid: EN 50625-2-2:2015

## **EVS-EN 54-22:2015**

### **Automaatne tulekahjusignalisatsioonisüsteem. Osa 22: Taastuvad liini-tüüpi temperatuuriandurid**

#### **Fire detection and fire alarm systems - Part 22: Resettable line-type heat detectors**

This European Standard applies to resettable line-type heat detectors consisting of a sensing element using an optical fibre, a pneumatic tube or an electrical sensor cable connected to a sensor control unit, either directly or through an interface module, intended for use in fire detection and fire alarm systems installed in and around buildings and other civil engineering works (see EN 54-1:2011). This European Standard specifies the requirements and performance criteria, the corresponding test methods and provides for the Assessment and Verification of Constancy of Performance (AVCP) of resettable line-type heat detectors to this EN. This European Standard also covers resettable line-type heat detectors intended for use in the local protection of plant and equipment. Resettable line-type heat detectors with special characteristics and developed for specific risks are not covered by this EN. This European Standard does not cover line-type heat detectors that are based on non-resettable, fixed temperature electrical cables (so called digital systems).

Keel: en

Alusdokumendid: EN 54-22:2015

## **EVS-EN 60335-1:2012+A11:2014**

### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded**

#### **Household and similar electrical appliances - Safety - Part 1: General requirements**

This European Standard deals with the safety of electrical appliances for household environment and commercial purposes, their rated voltage being not more than 250 V for single-phase and 480 V for others. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. NOTE Z1 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: - in shops, offices and other similar working environments; - in farm houses; - by clients in hotels, motels and other residential type environments; - in bed and breakfast type environments.

Keel: en

Alusdokumendid: EN 60335-1:2012; IEC 60335-1:2010; EN 60335-1:2012/A11:2014; EN 60335-1:2012/AC:2014

## **EVS-EN 60335-2-30:2010/AC:2015**

### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele**

#### **Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters**

Corrigendum to EN 60335-2-30:2009

Keel: en

Alusdokumendid: EN 60335-2-30:2009/AC:2014

Parandab dokumenti: EVS-EN 60335-2-30:2010

## **EVS-EN 60601-1-3:2008+A1:2013**

### **Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele**

## **Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment (IEC 60601-1-3:2008+IEC 60601-1-3:2008/A1:2013)**

See rahvusvaheline standard kehtib elektriliste meditsiiniseadmete ja elektriliste meditsiinisüsteemide (edaspidi EM-seadmete ja EM-süsteemide) esmase ohutuse ja oluliste toimimisnäitajate kohta. See kollateraalsandard on kohaldatav sellistele röntgenseadmetele ja nende koostisosadele, mille puhul inimpatsiendi radioloogilist kujutist kasutatakse diagnoosimiseks, meditsiiniprotseduuride kavandamiseks või juhtimiseks.

Keel: en, et

Alusdokumendid: IEC 60601-1-3:2008; EN 60601-1-3:2008; EN 60601-1-3:2008/AC:2010; IEC 60601-1-3:2008/A1:2013; EN 60601-1-3:2008/A1:2013; EN 60601-1-3:2008/A1:2013/AC:2014

## **EVS-EN 858-1:2002+A1:2005**

### **Kergete vedelike (nt õli ja bensiin) püüdsüsteemid. Osa 1: Kavandamise põhimõtted, toimuvus ja katsetamine, märgistus ja kvaliteedikontroll**

### **Separator systems for light liquids (e.g. oil and petrol) - Part 1: Principles of product design, performance and testing, marking and quality control**

This standard specifies definitions, nominal sizes, principles of design, performance requirements, marking, testing and quality control for separator systems for light liquids. This standard applies to separator systems for light liquids, where light liquids are separated from waste water by means of gravity and/or coalescence. This standard does not apply to the treatment of stable emulsions, solutions of light liquids and water, grease and oils of vegetable and animal origin.

Keel: en

Alusdokumendid: EN 858-1:2002; EN 858-1:2002/A1:2004

## **EVS-EN ISO 18674-1:2015**

### **Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 1: General rules (ISO 18674-1:2015)**

This Standard applies to performance monitoring of the ground, structures interacting with the ground and geotechnical works. Specifically, this Standard is applicable to field instrumentation and measurements carried out in connection with site investigations of soils and rocks in accordance with EN 1997-2; in connection with the Observational Design procedure in accordance with EN 1997-1; for ground behaviour evaluation, e.g. unstable slopes, consolidation etc or the proof or follow-up of a new equilibrium within the ground, after disturbance of its natural state by construction measures (e.g. foundation loads, excavation of soil, tunnelling); for the proof or follow-up of the stability, serviceability and safety of structures which may be influenced by geotechnical construction; for perpetuation of evidence; for the evaluation and control of geotechnical work.

Keel: en

Alusdokumendid: ISO 18674-1:2015; EN ISO 18674-1:2015

## **17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED**

## **EVS-EN 60601-2-62:2015**

### **Elektrilised meditsiiniseadmed. Osa 2-62: Erinõuded kõrgintensiivse ultraheliraviseadme (HITU) esmasele ohutusele ja olulistele toimimisnäitajatele**

### **Medical electrical equipment - Part 2-62: Particular requirements for the basic safety and essential performance of high intensity therapeutic ultrasound (HITU) equipment**

IEC 60601-2-62:2013 applies to the basic safety and essential performance of HIGH INTENSITY THERAPEUTIC ULTRASOUND EQUIPMENT. This International Standard adds or replaces clauses listed in the IEC 60601-1 that are specific for HIGH INTENSITY THERAPEUTIC ULTRASOUND EQUIPMENT. If a clause or subclause is specifically intended to be applicable to such equipment only, or to related systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to individual equipment and to systems, as relevant. Hazards inherent in the intended physiological function of the equipment or systems within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. This standard can also be applied to - therapeutic equipment for thrombolysis through exposure to high-intensity therapeutic ultrasound; - therapeutic equipment for the treatment of occluding feeding vessels through exposure to high-intensity focused ultrasound; - and equipment intended to be used for relieving cancer pain due to bone metastases. This particular standard does not apply to - Ultrasound Equipment intended to be used for physiotherapy (use IEC 60601-2-5 and IEC 61689); - Ultrasound Equipment intended to be used for lithotripsy (use IEC 60601-2-36); - Ultrasound Equipment intended to be used for dedicated hyperthermia devices; and - Ultrasound Equipment intended to be used for phacoemulsification.

Keel: en

Alusdokumendid: IEC 60601-2-62:2013; EN 60601-2-62:2015

## **EVS-EN ISO 16610-20:2015**

### **Geometrical product specifications (GPS) - Filtration - Part 20: Linear profile filters: Basic concepts (ISO 16610-20:2015)**

This part of ISO 16610 sets out the basic concepts of linear profile filters

Keel: en

Alusdokumendid: ISO 16610-20:2015; EN ISO 16610-20:2015

### **EVS-EN ISO 16610-29:2015**

#### **Geometrical product specifications (GPS) - Filtration - Part 29: Linear profile filters: Spline wavelets (ISO 16610-29:2015)**

This part of ISO 16610 specifies spline wavelets for profiles, and contains the relevant concepts. It gives the basic terminology for spline wavelets of compact support, together with their usage

Keel: en

Alusdokumendid: ISO 16610-29:2015; EN ISO 16610-29:2015

### **EVS-EN ISO 1683:2015**

#### **Acoustics - Preferred reference values for acoustical and vibratory levels (ISO 1683:2015)**

This International Standard specifies reference values used in acoustics, in order to establish a uniform basis for the expression of acoustical and vibratory levels. The reference values are mandatory for use in acoustics for sounds in air and other gases, sounds in water and other liquids, and for structure-borne sound, but can also be used in other applications.

Keel: en

Alusdokumendid: ISO 1683:2015; EN ISO 1683:2015

Asendab dokumenti: EVS-EN ISO 1683:2008

### **EVS-EN ISO 9295:2015**

#### **Acoustics - Determination of high-frequency sound power levels emitted by machinery and equipment (ISO 9295:2015)**

This International Standard specifies four methods for the determination of the sound power levels of high-frequency noise emitted by machinery and equipment in the frequency range covered by the octave band centred at 16 kHz, which includes frequencies between 11,2 kHz and 22,4 kHz. They are complementary to the methods described in ISO 3741 and ISO 3744. The first three methods are based on the reverberation test room technique. The fourth method makes use of a free field over a reflecting plane. The test conditions which prescribe the installation and operation of the equipment are those specified in ISO 3741 or ISO 3744 as applicable.

Keel: en

Alusdokumendid: ISO 9295:2015; EN ISO 9295:2015

Asendab dokumenti: EVS-EN 29295:1999

### **EVS-ISO 4037-2:2015**

#### **Röntgeni ja gamma referentskiirguse dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks ja nende koste määramiseks sõltavana footoni energiast. Osa 2: Kiirguskaitseline dosimeetria energiavahemikus 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV X and gamma reference radiation for calibrating dosimeters and dose rate meters and for determining their response as a function of photon energy -- Part 2: Dosimetry for radiation protection over the energy ranges from 8 keV to 1,3 MeV and 4 MeV to 9 MeV**

See standardi osa kirjeldab röntgeni ja gamma referentskiirguse dosimeetria protseduure kiirguskaitse instrumentide kalibreerimiseks energiavahemikus ligikaudu 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV. Nende referentskiirguste alusel saadud nominaalseid kermakiiruse väärtusi ja saamisviise kirjeldatakse standardi osas ISO 4037-1.

Keel: en, et

Alusdokumendid: ISO 4037-2:1997

## **19 KATSETAMINE**

### **EVS-EN 60068-2-58:2015**

#### **Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)**

This part of IEC 60068 outlines test Td, applicable to surface mounting devices (SMD). This standard provides procedures for determining the solderability and resistance to soldering heat of devices in applications using solder alloys, which are eutectic or near eutectic tin lead (Pb), or lead-free alloys. The procedures use either a solder bath or reflow method and are applicable only to specimens or products designed to withstand short term immersion in molten solder or limited exposure to reflow systems. The solder bath method is applicable to SMDs designed for flow soldering and SMDs designed for reflow soldering when the solder bath (dipping) method is appropriate. The reflow method is applicable to the SMD designed for reflow soldering, to determine the suitability of SMDs for reflow soldering and when the solder bath (dipping) method is not appropriate. The objective of this standard is to ensure solderability of component lead or termination. In addition, test methods are provided to ensure that the component body can resist against the heat load to which it is exposed during soldering.

Keel: en

Alusdokumendid: EN 60068-2-58:2015; IEC 60068-2-58:2015

Parandab dokumenti: EVS-EN 60068-2-58:2004

**CEN/TR 13445-102:2015****Unfired pressure vessels - Part 102: Example of application of vertical vessel with bracket supports**

This Technical Report details the design, manufacturing, inspection and testing of a steel vessel submitted to pressure cycles, using the EN 13445 series for "Unfired pressure vessels", to guide the user of these standards in sequential decision making, together with some alternative choices.

Keel: en

Alusdokumendid: CEN/TR 13445-102:2015

**EVS-EN 13094:2015****Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

This European Standard specifies requirements for the design and construction of metallic tanks with a maximum working pressure not exceeding 50 kPa gauge used for the transport of dangerous goods by road and rail for which Tank Code with letter "G" is given in Chapter 3.2 of ADR [2]. It also includes requirements for a system of identification of materials used in the construction of these tanks. This European Standard specifies requirements for openings, closures and structural equipment. NOTE 1 This document does not specify requirements for service equipment. This European Standard is applicable to aircraft refuellers that are used on public roads. It is also applicable to inter-modal tanks (e.g. tank containers and tank swap bodies) for the transport of dangerous goods by road and rail. NOTE 2 This document is not applicable to fixed rail tank wagons.

Keel: en

Alusdokumendid: EN 13094:2015

Asendab dokumenti: EVS-EN 13094:2008

Asendab dokumenti: EVS-EN 13094:2008/AC:2008

Asendab dokumenti: EVS-EN 13094:2008/AC:2009

**EVS-EN 14071:2015****LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Ancillary equipment**

This European Standard specifies the design, testing and inspection requirements for pressure relief valve isolating devices, valve manifolds, vent pipes and system assemblies which are, where necessary, used with pressure relief valves for use in static pressure vessels for Liquefied Petroleum Gas (LPG) service. This European Standard addresses both prototype testing and production testing of isolating devices and PRV manifolds. Pressure relief valves for LPG pressure vessels are specified in EN 14129:2014.

Keel: en

Alusdokumendid: EN 14071:2015

Asendab dokumenti: EVS-EN 14071:2005

**EVS-EN 16617:2015****Pipework - Corrugated metal hose assemblies for combustible gas - Performance requirements, testing and marking**

This European Standard specifies general requirements for material, design, manufacture, testing, marking and documentation of corrugated metal hose assemblies for gas of diameter up to DN 300 for gases of the 2nd and 3rd families according to EN 437. This European Standard applies to: Corrugated metal hose assemblies for gas for the supply of combustible gas and having a maximum operating pressure (MOP) less than or equal to 16 bar. This European Standard does not apply to: - corrugated metal hose assemblies for gas for engines including turbines and internal combustion engines as stated by Pressure Equipment Directive 97/23/EC; - corrugated metal hose assemblies for the connection of domestic appliances using gaseous fuels according to EN 14800; - corrugated metal hose assemblies for gas buried in earth; - corrugated metal hose assemblies with non permanent detachable end fittings; - stainless steel pliable corrugated tubing kits in buildings for gas with an operating pressure up to 0,5 bar (EN 15266). Users of this European Standard should take into account national standards and existing code of practice in the country of destination.

Keel: en

Alusdokumendid: EN 16617:2015

**EVS-EN 16631:2015****LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Reconditioning requirements**

This European Standard specifies the requirements for the reconditioning, retesting and certification of Pressure Relief Valves (PRVs) for LPG pressure vessels covered under the scope of EN 14129. This European Standard applies to retesting and reconditioning of PRVs that are carried out in a workshop and does not apply to site adjustment of installed PRVs. Annex A is an informative Annex detailing a sampling approach for PRV requalification which should only be used in case of on-site requalification of series produced pressure vessels fitted with series produced PRVs.

Keel: en

Alusdokumendid: EN 16631:2015



**EVS-EN 60519-1:2015****Ohutus elekterkuumutuspaigaldistes ja elektromagnetiline töötlus. Osa 1: Üldnõuded  
Safety in installations for electroheating and electromagnetic processing - Part 1: General requirements**

IEC 60519-1:2015 specifies general safety requirements for industrial installations or equipment intended for electroheating (EH) and electroheating based treatment technologies as well as for electromagnetic processing of materials (EPM). This fifth edition cancels and replaces the fourth edition published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) The title and scope of the standard has been expanded to include installations and equipment for electromagnetic processing of materials. b) Terms and definitions as well as the list of normative references have been updated and completed with new items. c) The requirements have been restructured. d) Additional requirements for electric and magnetic fields, for touch currents as well as for optical radiation have been added. e) New clauses addressing verification have been added. f) New annexes specifying limits of exposure hazards for electric and magnetic fields, optical radiation, noise and vibration have been added. g) New annexes on EMC, markings and warnings, guidelines for using this standard and information on the connection to ISO 13577-1 have been added.

Keel: en

Alusdokumendid: IEC 60519-1:2015; EN 60519-1:2015

Asendab dokumenti: EVS-EN 60519-1:2011

Asendab dokumenti: EVS-EN 60519-1:2011/AC:2012

**EVS-EN 62135-2:2015****Takistuskeevitusseadmed. Osa 2: Elektromagnetilise ühilduvuse nõuded  
Resistance welding equipment - Part 2: Electromagnetic compatibility (EMC) requirements**

IEC 62135-2:2015 is applicable to equipment for resistance welding and allied processes which are connected to mains supplies with rated voltages up to 1 000 V a.c. r.m.s. This standard does not define safety requirements. This second edition cancels and replaces the first edition published in 2007 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - update of the applicable limits related to the updated reference to CISPR 11; - exclusion of the use of narrow band relaxations for RF emission limits; - update of the applicable limits for harmonics and flicker related to the updated reference to IEC 61000-3-11 and IEC 61000-3-12; - update of the requirements for voltage dips related to the updated reference to IEC 61000-4-11 and IEC 61000-4-34; - inclusion of symbols to indicate the RF equipment class and restrictions for use; - inclusion of EM field immunity test for frequency from 1,4 GHz to 2,7 GHz; - inclusion of emission limits for class B resistance welding equipment magnetic fields between 150 kHz and 30 MHz.

Keel: en

Alusdokumendid: IEC 62135-2:2015; EN 62135-2:2015

Asendab dokumenti: EVS-EN 62135-2:2008

**EVS-EN 62541-100:2015****OPC unified architecture - Part 100: Device Interface**

IEC 62541-100:2015 is an extension of the overall OPC Unified Architecture standard series and defines the information model associated with Devices. This part of IEC 62541 describes three models which build upon each other: - the (base) Device Model intended to provide a unified view of devices; - the Device Communication Model which adds Network and Connection information elements so that communication topologies can be created; - the Device Integration Host Model finally which adds additional elements and rules required for host systems to manage integration for a complete system. It allows reflecting the topology of the automation system with the devices as well as the connecting communication networks.

Keel: en

Alusdokumendid: IEC 62541-100:2015; EN 62541-100:2015

**EVS-EN 62541-11:2015****OPC unified architecture - Part 11: Historical Access**

IEC 62541-11:2015 is part of the overall OPC Unified Architecture standard series and defines the information model associated with Historical Access (HA). It particularly includes additional and complementary descriptions of the NodeClasses and Attributes needed for Historical Access, additional standard Properties, and other information and behaviour. It also includes functionality to compute and return Aggregates like minimum, maximum, average etc. The Information Model and the concrete working of Aggregates are defined in IEC 62541-13.

Keel: en

Alusdokumendid: IEC 62541-11:2015; EN 62541-11:2015

**EVS-EN 62541-13:2015****OPC unified architecture - Part 13: Aggregates**

IEC 62541-13:2015 is part of the overall OPC Unified Architecture specification series and defines the information model associated with Aggregates.

Keel: en

Alusdokumendid: IEC 62541-13:2015; EN 62541-13:2015

## **EVS-EN 62541-7:2015**

### **OPC unified architecture - Part 7: Profiles**

IEC 62541-7:2015 describes the OPC Unified Architecture (OPC UA) Profiles. The Profiles in this document are used to segregate features with regard to testing of OPC UA products and the nature of the testing (tool based or lab based). This includes the testing performed by the OPC Foundation provided OPC UA CTT (a self-test tool) and by the OPC Foundation provided Independent certification test labs. It is also defining functionality that can only be tested in an a lab and defining the grouping of functionality that is to be used when testing OPC UA products either in a lab or using automated tools. This second edition cancels and replaces the first edition published in 2012 and constitutes a technical revision. It includes the following changes: - Added a large number of new Facets to cover additional functional areas of OPC UA. Most significantly: - Facets for Historical Access; - Facets for Aggregates; - Facets for HTTPs; - New Security Facets; - New User Token Facet that supports anonymous access; - Best Practice Facets as well as New Security Policy for asymmetric key length > 2048.

Keel: en

Alusdokumendid: IEC 62541-7:2015; EN 62541-7:2015

Asendab dokumenti: EVS-EN 62541-7:2012

## **EVS-EN 62541-8:2015**

### **OPC Unified Architecture - Part 8: Data Access**

IEC 62451-8:2015 is part of the overall OPC Unified Architecture (OPC UA) standard series and defines the information model associated with Data Access (DA). It particularly includes additional VariableTypes and complementary descriptions of the NodeClasses and Attributes needed for Data Access, additional Properties, and other information and behaviour. This second edition cancels and replaces the first edition published in 2011 and constitutes a technical revision. This edition includes the following changes: - Clarified that deadband has to be between 0.0 and 100.0. Violations result in error Bad\_DeadbandFilterInvalid; - Added VariableTypes handling ArrayItems and DataTypes supporting this, including complex number types.

Keel: en

Alusdokumendid: IEC 62541-8:2015; EN 62541-8:2015

Asendab dokumenti: EVS-EN 62541-8:2011

## **EVS-EN 62541-9:2015**

### **OPC unified architecture - Part 9: Alarms and conditions**

IEC 62541-9:2015 specifies the representation of Alarms and Conditions in the OPC Unified Architecture. Included is the Information Model representation of Alarms and Conditions in the OPC UA address space. This second edition cancels and replaces the first edition published in 2012 and constitutes a technical revision. This edition includes the following changes: - added section to describe expect behaviour for A&C servers and the associated information model in the case of redundancy or communication faults; - changed the DialogConditionType to be not abstract since it is expect that instance of this type will exist in the system; - updated ConditionRefresh Method to allow the use of the well know NodeIds associated with the types for the MethodId and ConditionId instead of requiring the call to use only the MethodId and ConditionId that is part of an instance; - Fixed ExclusiveLimitStateMachineType and ShelvedStatemachineType to be sub-types of FinitStateMachineType not StateMachineType.

Keel: en

Alusdokumendid: IEC 62541-9:2015; EN 62541-9:2015

Asendab dokumenti: EVS-EN 62541-9:2012

## **EVS-EN 62657-2:2015**

### **Industrial communication networks - Wireless communication networks - Part 2: Coexistence management**

IEC 62657-2:2013 specifies the fundamental assumptions, concepts, parameters, and procedure for wireless communication coexistence; provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life cycle of wireless communication coexistence and provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts. This first edition cancels and replaces IEC/TS 62657-2, published in 2011. The main changes with respect to the TS are: - updated the normative references, terms, definitions, symbols, abbreviations; - corrected spelling; - changed figures to make them consistent with the text and vice versa; - added and modified text to make the text more readable.

Keel: en

Alusdokumendid: IEC 62657-2:2013; EN 62657-2:2015

## **EVS-EN 62714-2:2015**

### **Engineering Data Exchange format for use in industrial automation systems engineering - Automation Markup Language - Part 2: Role class libraries**

IEC 62714-2:2015 specifies normative as well as informative AML role class libraries for the modelling of engineering information for the exchange between engineering tools in the plant automation area by means of AML. Moreover, it presents additional user defined libraries as an example. Its provisions apply to the export/import applications of related tools.

Keel: en

Alusdokumendid: IEC 62714-2:2015; EN 62714-2:2015

## 27 ELEKTRI- JA SOOJUSENERGEETIKA

### EVS-EN 12309-2:2015

#### Gasiküttega absorptsiooniprintsiibil kliima- ja/või soojuspumbaseadmed, mille kasulik soojuskoormus ei ületa 70 kW. Osa 2: Ohutus

#### Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 2: Safety

1.1 Scope of EN 12309 series Appliances covered by this European Standard include one or a combination of the following: — gas fired sorption chiller; — gas fired sorption chiller/heater; — gas fired sorption heat pump. This European Standard applies to appliances only when used for space heating and cooling with or without heat recovery. This European Standard applies to appliances having flue gas systems of type B and C (according to CEN/TR 1749) and to appliances designed for outdoor installations. EN 12309 does not apply to air conditioners, it only applies to appliances having: — integral burners under the control of fully automatic burner control systems; — closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated; — mechanical means to assist transportation of the combustion air and/or the flue gas. The above appliances can have one or more primary or secondary functions (i.e. heat recovery - see definitions in prEN 12309 1:2012). In the case of packaged units (consisting of several parts), the standard applies only to those designed and supplied as a complete package. The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by this European Standard. Installations used for heating and/or cooling of industrial processes are not within the scope of these standards. NOTE All the symbols given in this text are used regardless of the language used. 1.2 Scope of this Part 2 to EN 12309 This part of EN 12309 deals with the safety of gas-driven sorption heat pumps as defined in prEN 12309 1. Only types B12 for outdoor installations, B13 for outdoor installations, B22 for outdoor installations, B23 for outdoor installations, C12 and C13, C32 and C33 are covered in this European Standard.

Keel: en

Alusdokumendid: EN 12309-2:2015

### EVS-EN 16247-5:2015

#### Energy audits - Part 5: Competence of energy auditors

This European Standard specifies the competence requirements of the energy auditor. This European Standard can be used to specify energy auditor qualification schemes at a national level; used by organizations undertaking energy audits to appoint a suitably competent energy auditor and used by organizations, in conjunction with EN 16247-1, EN 16247-2, EN 16247-3 and EN 16247-4, to ensure a good level of quality of the energy audits. This European Standard also recognizes that all the competence required can reside in the energy auditor or a team of energy auditors.

Keel: en

Alusdokumendid: EN 16247-5:2015

## 29 ELEKTROTEHNIKA

### CLC/TS 50238-2:2015

#### Railway applications - Compatibility between rolling stock and train detection systems - Part 2: Compatibility with track circuits

This Technical Specification defines, for the purpose of ensuring compatibility between rolling stock and track circuits the limits for interference current emissions from rolling stock. The measurement and evaluation methods for verifying conformity of rolling stock to these limits in presented in a dedicated annex. The interference limits are only applicable to interoperable rolling stock which is intended to run on lines exclusively equipped with preferred track circuit listed in this Technical Specification. National Notified Technical Rules are still to be used in all cases, where the line over which the rolling stock is intended to run is equipped with any type of older version or non-preferred track circuits that are not listed in this Technical Specification. However, the rolling stock test methodology (infrastructure conditions, test configurations, operational conditions, etc.) presented in this Technical Specification is also applicable to establish compatibility with non-preferred track circuits. This Technical Specification gives guidance on the derivation of interference current limits specified for rolling stock and defines measurement methods and evaluation criteria in a dedicated annex. This Technical Specification defines: a) a set of interference current limits for RST (Rolling Stock) applicable for each of the following types of traction system: 1) DC (750 V, 1,5 kV and 3 kV); 2) 16,7 Hz AC; 3) 50 Hz AC; b) methodology for the demonstration of compatibility between rolling stock and track circuits; c) measurement method to verify interference current limits and evaluation criteria. NOTE 1 The basic parameters of track circuits associated with the interference current limits for RST are not in the scope of this Technical Specification. NOTE 2 Any phenomena linked to traction power supply and associated protection (over voltage, short-circuit current, under- and over-voltage if regenerative brakes are used) is part of the track circuit design and outside the scope of this Technical Specification.

Keel: en

Alusdokumendid: CLC/TS 50238-2:2015

Asendab dokumenti: CLC/TS 50238-2:2010

Asendab dokumenti: CLC/TS 50238-2:2010/AC:2011

### EVS-EN 50223:2015

#### Kohtkindlad elektrostaatilised rakenduseseadmed süttivale helvesmaterjalile. Ohutusnõuded

#### Stationary electrostatic application equipment for ignitable flock material - Safety requirements

1.1 This European Standard specifies requirements for automatic electrostatic flock application equipment which is designed for applying ignitable flock which may form explosive atmospheres in the flock application area. In this context a distinction is made between flock application devices which due to their type of construction comply with the requirements as laid down in EN 50050-

3, as applicable, and those for which higher discharge energies are stipulated. This European Standard also specifies the constructional requirements for a safe operation of the stationary equipment of flock application booths, including the electrical installations and the accessories. This European Standard deals with all significant hazards, hazardous situations and events relevant to flock application booths, when they are used as intended and under conditions which are foreseeable as malfunction by the manufacturer (see Clause 4). 1.2 This European Standard considers three types of electrostatic flock systems. For more details, see Table 1. 1.3 This European Standard deals with those hazards occurring during stationary automatic electrostatic flocking. Among these hazards are, above all, ignition hazards of the generated explosive atmosphere and hazard to persons. 1.4 The stationary equipment dealt with in this European Standard is considered to be equipment of group II, category 3D for the use in areas with potential explosion hazards of zone 22. 1.5 This European Standard is not applicable for - flock systems in which mixtures of solvent vapours in air occur with a concentration of > 20 % of the LEL, - flock systems operated with AC voltage, - the application system for liquid or pasty substances (e.g. adhesives, primer), - the cleaning of flock application booths, - the storage and handling of ignitable substances outside the coating plant.

Keel: en

Alusdokumendid: EN 50223:2015

Asendab dokumenti: EVS-EN 50223:2010

### **EVS-EN 50438:2013/IS1:2015**

#### **Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks**

Two topics are clarified: - The considerations when applying EN 50438:2013 instead of EN 50438:2007; - The intentional delay on the activation of the power response to over-frequency.

Keel: en

Alusdokumendid: EN 50438:2013/IS1:2015

Parandab dokumenti: EVS-EN 50438:2013

### **EVS-EN 60061-1:2001/A51:2015**

#### **Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 1:**

##### **Lambisoklid**

#### **Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps**

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel: en

Alusdokumendid: EN 60061-1:1993/A51:2015; IEC 60061-1:1969/A51:2014

Muudab dokumenti: EVS-EN 60061-1:2001

### **EVS-EN 60061-2:2001/A48:2015**

#### **Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2:**

##### **Lambipesad**

#### **Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders**

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel: en

Alusdokumendid: EN 60061-2:1993/A48:2015; IEC 60061-2:1969/A48:2014

Muudab dokumenti: EVS-EN 60061-2:2001

### **EVS-EN 60061-3:2001/A49:2015**

#### **Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 3:**

##### **Mõõturid**

#### **Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges**

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel: en

Alusdokumendid: EN 60061-3:1993/A49:2015; IEC 60061-3:1969/A49:2014

Muudab dokumenti: EVS-EN 60061-3:2001

### **EVS-EN 60079-29-2:2015**

#### **Explosive atmospheres - Part 29-2: Gas detectors - Selection, installation, use and maintenance of detectors for flammable gases and oxygen**

This Part of IEC 60079-29 gives guidance on, and recommended practice for, the selection, installation, safe use and maintenance of electrically operated Group II equipment intended for use in industrial and commercial safety applications and Group I equipment in underground coal mines for the detection and measurement of flammable gases complying with the requirements of IEC 60079-29-1 or IEC 60079-29-4. This standard is applicable for oxygen measurement for the purpose of inertisation where explosion protection is provided by the exclusion of oxygen instead of measuring the flammable gases or vapours present. A similar application is measuring oxygen when inertising a goaf (mined out) area in an underground coal mine. This standard is a

compilation of practical knowledge to assist the user, and applies to equipment, instruments and systems that indicate the presence of a flammable or potentially explosive mixture of gas or vapour with air by using an electrical signal from a gas sensor to produce a meter reading, to activate a visual or audible pre-set alarm or other device, or any combination of these. Such equipment may be used as a means of reducing the risk whenever there is the possibility of a risk to life or property specifically due to the accumulation of a flammable gas-air mixture, by providing such warnings. It may also be used to initiate specific safety precautions (e.g. plant shutdown, evacuation, fire extinguishing procedures). This standard is applicable to fixed installations and transportable equipment. Similarly it is applicable to the safe use of portable equipment. Since much modern equipment of this type also includes oxygen deficiency detection and/or specific toxic gas sensors, some additional guidance is given for these topics. For the purposes of this standard, except where specifically stated otherwise, flammable gases include flammable vapours. This standard applies to Group II equipment (i.e. equipment intended for use in industrial and commercial safety applications, involving areas classified in accordance with IEC 60079-10-1) and Group I equipment. For the purposes of this standard, equipment includes a) fixed equipment including equipment mounted on a vehicle; b) transportable equipment; and c) portable equipment. This standard is not intended to cover, but may provide useful information, for the following: a) equipment intended only for the detection of non-flammable toxic gases; b) equipment of laboratory or scientific type intended only for analysis or measurement purposes; d) equipment intended only for process control applications; e) equipment intended for applications in explosives processing and manufacture; f) equipment intended for the detection of a explosive atmosphere resulting from dust or mist in air;

Keel: en

Alusdokumendid: EN 60079-29-2:2015; IEC 60079-29-2:2015

Asendab dokumenti: EVS-EN 60079-29-2:2008

Asendab dokumenti: EVS-EN 60079-29-2:2008/AC:2008

### **EVS-EN 60885-3:2015**

#### **Electrical test methods for electric cables - Part 3: Test methods for partial discharge measurements on lengths of extruded power cables**

IEC 60885-3:2015 specifies the test methods for partial discharge (PD) measurements on lengths of extruded power cable, but does not include measurements made on installed cable systems. Reference is made to IEC 60270 which gives the techniques and considerations applicable to partial discharge measurements in general. This second edition of IEC 60885-3 cancels and replaces the first edition, published in 1988 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - The definition of sensitivity as twice the background noise level has been removed and replaced by a practical assessment of sensitivity based on the minimum level of detectable discharge. - References to measurements of pulse heights in mm on an oscilloscope have been replaced by measurements of partial discharge magnitude in pC. - The order of the clauses has been revised in line with the general numbering scheme of IEC standards and to provide clarity in order to facilitate its practical use. Section 3 of the first edition (Application guide) has been removed as it is considered that background information is better obtained from the original references as listed in the bibliography.

Keel: en

Alusdokumendid: IEC 60885-3:2015; EN 60885-3:2015

Asendab dokumenti: EVS-EN 60885-3:2003

### **EVS-EN 60968:2015**

#### **Sisseehitatud liiteseadisega üldtarbe-luminofoorlambid. Ohutusnõuded Self-ballasted fluorescent lamps for general lighting services - Safety requirements**

This International Standard specifies the safety and interchangeability requirements, together with the test methods and conditions required to show compliance of tubular fluorescent lamps with integrated means for controlling starting and stable operation (self-ballasted fluorescent lamps). These lamps are intended for domestic and similar general lighting purposes, having a rated voltage of 50 V to 250 V, having a rated frequency of 50 Hz or 60Hz and having IEC 60061-1 compliant caps. For a cap-holder system not specifically mentioned in this standard, the relevant information on safety related tests provided by the manufacturer will apply. The requirements of this standard relate only to type testing. Recommendations for whole product testing or batch testing are given in Annex A. This part of the standard covers photobiological safety according to IEC 62471 and IEC TR 62471-2. Blue light and infrared hazards are below the level which requires marking.

Keel: en

Alusdokumendid: EN 60968:2015; IEC 60968:2015

Asendab dokumenti: EVS-EN 60968:2013

Asendab dokumenti: EVS-EN 60968:2013/A11:2014

### **EVS-EN 61347-1:2015**

#### **Lampide juhtimiseadised. Osa 1: Üld- ja ohutusnõuded Lamp controlgear - Part 1: General and safety requirements**

This part of IEC 61347 specifies general and safety requirements for lamp controlgear for use on d.c. supplies up to 250 V and/or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz. This standard also covers lamp controlgear for lamps which are not yet standardized. Tests dealt with in this standard are type tests. Requirements for testing individual lamp controlgear during production are not included. Requirements for semi-luminaires are given in IEC 60598-1:2014 (see definition 1.2.60). Particular requirements for controlgears providing safety extra low voltage (from now on SELV) are given in Annex L. It can be expected that lamp control gear which comply with this standard will not compromise safety between 90 % and 110 % of their rated supply voltage in independent use and when operated in luminaires complying with the safety standard IEC 60598-1 and the relevant part IEC 60598-2-xx and with lamps complying with the relevant lamp standards. Performance requirements may require tighter limits.

Keel: en

Alusdokumendid: EN 61347-1:2015; IEC 61347-1:2015

Asendab dokumenti: EVS-EN 61347-1:2008

Asendab dokumenti: EVS-EN 61347-1:2008/A1:2011  
Asendab dokumenti: EVS-EN 61347-1:2008/A2:2013

### **EVS-EN 62031:2008+A1:2013+A2:2015**

#### **Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications**

See rahvusvaheline standard käsitleb järgmistele valgusdiodmoodulitele esitatavaid üld- ja ohutusnõudeid: valgusdiodmoodulid ilma integreeritud liiteseadisteta, talitlemiseks konstantsel pingel, konstantsel voolul või konstantsel võimsusel; ballastseadist sisaldavad valgusdiodmoodulid talitlemiseks alalis-toitepingel kuni 250 V või vahelduv-toitepingel kuni 1000 V sagedusega 50 Hz või 60 Hz. MÄRKUS 1 Eraldi paiknevale liiteseadisele esitatavad ohutusnõuded on sätestatud standardis IEC 61347-2-13. Eraldi paikneva liiteseadise toimivusnõuded on sätestatud standardis IEC 62384. MÄRKUS 2 Nõuded integreeritud liiteseadise, lambisokliga varustatud valgusdiodmoodulitele (ballastseadist sisaldavatele lampidele), mis on ette nähtud kasutamiseks võrgutoitelises üldtarbevalgustuses, koos samasuguse sokliga lampide asendamise võimalusega, on sätestatud standardis IEC 60968 (olemasoleva väljaande muudatus või uue, laiema käsitlusalaga väljaanne on arutusel). Nõuded integreeritud liiteseadise, lambisokliga varustatud valgusdiodmoodulitele (ballastseadist sisaldavatele lampidele), mis on ette nähtud kasutamiseks mitte-võrgutoitelises üldtarbevalgustuses, koos samasuguse sokliga lampide asendamise võimalusega, on arutusel. MÄRKUS 3 Kui selle standardi nõuded käivad mõlema valgusdiodmooduli liigi kohta, nii integreeritud liiteseadise kui ka ilma selleta, kasutatakse terminit moodul. Kui kasutatakse terminit valgusdiodmoodul üksinda, mõeldakse selle all ilma integreeritud liiteseadiseta valgusdiodmoodulit. MÄRKUS 4 See standard sisaldab teavet fotobioloogilise ohutuse kohta.

Keel: en, et

Alusdokumendid: IEC 62031:2008; EN 62031:2008; IEC 62031/Amd 1:2012; EN 62031:2008/A1:2013; IEC 62031/Amd 2:2014; EN 62031:2008/A2:2015

### **EVS-EN 62271-3:2015**

#### **High-voltage switchgear and controlgear - Part 3: Digital interfaces based on IEC 61850**

IEC 62271-3:2015 is applicable to high-voltage switchgear and controlgear for all rated voltage levels above 1 kV and assemblies thereof and specifies equipment for digital communication with other parts of the power utility automation and its impact on testing. This equipment for digital communication, replacing metal parallel wiring, can be integrated into the high-voltage switchgear, controlgear, and assemblies thereof, or can be external equipment in order to provide compliance for existing switchgear and controlgear and assemblies thereof with the standards of the IEC 61850 series. This second edition cancels and replaces the first edition published in 2006. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) an update to the latest edition(s) of IEC 61850 series; (e.g. Annex B "LNs for sensors and monitoring" of edition 1 has been deleted since these LNs are now covered by standard IEC 61850-7-4:2010) b) an update of normative references; c) the minimum voltage range this standard refers to, was changed from 72,5 kV to above 1 kV; d) the description of performance tests and conformance tests became more specific; e) the new - informative - Annex C gives an example for performance type testing; f) 6.2.3 "transmission systems" as well as appropriate subclauses have been superseded by standard IEC TR 61850-90-4:2013; g) fibre optical connector type LC becomes only recommended type of fibre optic connector in accordance with IEC TR 61850-90-4:2013; h) electronic nameplates have been redefined as extension of LN XCBR and LN XSWI with data objects, reflecting required additional name plate information.

Keel: en

Alusdokumendid: IEC 62271-3:2015; EN 62271-3:2015  
Asendab dokumenti: EVS-EN 62271-3:2006

### **EVS-EN 62811:2015**

#### **AC and/or DC-supplied electronic controlgear for discharge lamps (excluding fluorescent lamps) - Performance requirements for low frequency squarewave operation**

IEC 62811:2015 specifies performance requirements for electronic controlgear for use on a.c. and/or d.c. supplies up to 1 000 V and/or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz, associated with discharge lamps, as specified in IEC 61167, which have information for low frequency square wave operation, where the frequency range of the low frequency is from 70 Hz to 400 Hz.

Keel: en

Alusdokumendid: IEC 62811:2015; EN 62811:2015

### **EVS-HD 60364-4-42:2011/A1:2015**

#### **Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects**

Standardi EVS-HD 60364-4-42:2011 muudatus.

Keel: en, et

Alusdokumendid: IEC 60364-4-42:2010/A1:2014; HD 60364-4-42:2011/A1:2015  
Muudab dokumenti: EVS-HD 60364-4-42:2011

### **EVS-HD 60364-4-42:2011+A1:2015**

#### **Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects**

IEC 60364 see osa kehtib elektripaigaldiste kohta, milles on vaja rakendada meetmeid inimeste, koduloomade ja vara kaitseks — elektriseadmetest põhjustatud kuumustoimete, materjalide süttimise või lagunemise ja põletuste riski eest; — tuleohtu korral tekkivate leekide leviku eest elektripaigaldistest lähedal asuvatesse teistesse tuletõkkevaheseintega eraldatud ehitiseosadesse; — elektriseadmete, sealhulgas turvaseadmete toimivuse halvenemise eest. MÄRKUS 1 Kaitseks kuumustoimete eest võib rakendada rahvuslike õigusaktide nõudeid. MÄRKUS 2 Kaitse liigvoolude eest on sätestatud standardis IEC 60364-4-43.

Keel: en, et

Alusdokumendid: IEC 60364-4-42:2010; HD 60364-4-42:2011; IEC 60364-4-42:2010/A1:2014; HD 60364-4-42:2011/A1:2015

## 31 ELEKTROONIKA

### EVS-EN 50625-2-2:2015

#### Collection, logistics & Treatment requirements for WEEE - Part 2-2: Treatment requirements for WEEE containing CRTs and flat panel displays

This clause of Part 1 is replaced by the following: This European standard is applicable to the treatments of WEEE containing CRTs and flat panel displays. This European standard applies to the treatment of WEEE containing CRTs and flat panel displays until end-of-waste status is fulfilled, or fractions are recycled, recovered, or disposed of. This European standard addresses all operators involved in the treatment including related handling, sorting, and storage.

Keel: en

Alusdokumendid: EN 50625-2-2:2015

### EVS-EN 60063:2015

#### Preferred number series for resistors and capacitors

IEC 60063:2015 provides series of preferred values for the resistance of resistors and for the capacitance of capacitors. The definition of such series with a defined numeric resolution is a basic prerequisite for the marking and coding of capacitors and resistors with their respective capacitance or resistance values as described in IEC 60062. This edition includes the following significant technical changes with respect to the previous edition: - revision of the information on a relationship between an E Series and the tolerance of a resistance or capacitance value of a respective component; - introduction of advice on a possible deduction from the marking of a component to an associated E Series and also to an associated tolerance; - complete editorial revision.

Keel: en

Alusdokumendid: IEC 60063:2015; EN 60063:2015

### EVS-EN 60115-1:2011/A11:2015

#### Fixed resistors for use in electronic equipment - Part 1: Generic specification

Amendment to EN 60115-1:2011

Keel: en

Alusdokumendid: EN 60115-1:2011/A11:2015

Muudab dokumenti: EVS-EN 60115-1:2011

### EVS-EN 60115-8-1:2015

#### Fixed resistors for use in electronic equipment - Part 8-1: Blank detail specification: Fixed surface mount (SMD) low power film resistors for general electronic equipment, classification level G

IEC 60115-8-1:2014 is applicable to the drafting of detail specifications for fixed surface mount (SMD) low-power film resistors in rectangular chip shape (styles RR) or in cylindrical MELF shape (styles RC) classified to level G, which is defined in IEC 60115-8:2009, 1.5 for general electronic equipment, typically operated under benign or moderate environmental conditions, where the major requirement is function. Examples for level G include consumer products and telecommunication user terminals. This edition includes the following significant technical changes with respect to the previous edition: - It includes minor revisions related to tables, figures and references. - Dedication to resistors of product classification level G, which is for general electronic equipment, typically operated under benign or moderate environmental conditions, like e.g. consumer products, or telecommunication user terminals. - Implementation of the zero defect policy with the application of the single assessment level EZ in all test schedules. - Substitution of the temperature coefficient of resistance (TCR), specified over the full defined temperature range, for the inferior and less significant temperature characteristic. - Addition of a test for the immunity against electrostatic discharge. - Implementation of the concept of stability classes with coordinated requirements to the performance at all prescribed tests. - Addition of information relevant for the component user in his assembly process. - Addition of an Annex providing special provisions for 0 resistors (jumpers), which may be part of a range of products covered by a detail specification derived from this blank detail specification.

Keel: en

Alusdokumendid: IEC 60115-8-1:2014; EN 60115-8-1:2015

### EVS-EN 60384-8:2015

#### Fixed capacitors for use in electronic equipment - Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1

IEC 60384-8:2015 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface mount multilayer capacitors of ceramic dielectric. This fourth edition cancels and replaces the third edition published in 2005. This fourth edition is a result of

maintenance activities related to the previous edition. All changes that have been agreed upon can be categorized as minor revisions.

Keel: en

Alusdokumendid: IEC 60384-8:2015; EN 60384-8:2015

Asendab dokumenti: EVS-EN 60384-8:2005

### **EVS-EN 60384-9:2015**

#### **Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2**

IEC 60384-9:2015 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 2), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface mount multilayer capacitors of ceramic dielectric. This fourth edition cancels and replaces the third edition published in 2005. This fourth edition is a result of maintenance activities related to the previous edition. All changes that have been agreed upon can be categorized as minor revisions.

Keel: en

Alusdokumendid: IEC 60384-9:2015; EN 60384-9:2015

Asendab dokumenti: EVS-EN 60384-9:2005

### **EVS-EN 61837-4:2015**

#### **Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 4: Hybrid enclosure outlines**

IEC 61837-4:2015 specifies the outline drawings and terminal lead connections for surface piezoelectric devices with hybrid enclosure outlines and is based on IEC 61240:2012 which standardized layout rules of outline drawings of surface-mounted device. This edition includes the following significant technical changes with respect to the previous edition: - Outline drawing is defined as one set of drawings consisting of four views, which are the view from above, the front view, the view from the right, and the view from below, instead of one set consisting of three views as provided in the previous edition. - The configurations of the enclosures were revised as shown in Table 1.

Keel: en

Alusdokumendid: IEC 61837-4:2015; EN 61837-4:2015

Asendab dokumenti: EVS-EN 61837-4:2004

### **EVS-EN 62031:2008+A1:2013+A2:2015**

#### **Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications**

See rahvusvaheline standard käsitleb järgmistele valgusdiodmoodulitele esitatavaid üld- ja ohutusnõudeid: valgusdiodmoodulid ilma integreeritud liiteseadisteta, talitlemiseks konstantsel pingel, konstantsel voolul või konstantsel võimsusel; ballastseadist sisaldavad valgusdiodmoodulid talitlemiseks alalis-toitepingel kuni 250 V või vahelduv-toitepingel kuni 1000 V sagedusega 50 Hz või 60 Hz. MÄRKUS 1 Eraldi paiknevale liiteseadisele esitatavad ohutusnõuded on sätestatud standardis IEC 61347-2-13. Eraldi paikneva liiteseadise toimivusnõuded on sätestatud standardis IEC 62384. MÄRKUS 2 Nõuded integreeritud liiteseadise, lambisokliga varustatud valgusdiodmoodulitele (ballastseadist sisaldavatele lampidele), mis on ette nähtud kasutamiseks võrgutoitelises üldtarbevalgustuses, koos samasuguse sokliga lampide asendamise võimalusega, on sätestatud standardis IEC 60968 (olemasoleva väljaande muudatus või uue, laiema käsitlusala väljaanne on arutusel). Nõuded integreeritud liiteseadise, lambisokliga varustatud valgusdiodmoodulitele (ballastseadist sisaldavatele lampidele), mis on ette nähtud kasutamiseks mitte-võrgutoitelises üldtarbevalgustuses, koos samasuguse sokliga lampide asendamise võimalusega, on arutusel. MÄRKUS 3 Kui selle standardi nõuded käivad mõlema valgusdiodmooduli liigi kohta, nii integreeritud liiteseadise kui ka ilma selleta, kasutatakse terminit moodul. Kui kasutatakse terminit valgusdiodmoodul üksinda, mõeldakse selle all ilma integreeritud liiteseadiseta valgusdiodmoodulit. MÄRKUS 4 See standard sisaldab teavet fotobioloogilise ohutuse kohta.

Keel: en, et

Alusdokumendid: IEC 62031:2008; EN 62031:2008; IEC 62031/Amd 1:2012; EN 62031:2008/A1:2013; IEC 62031/Amd 2:2014; EN 62031:2008/A2:2015

## **33 SIDETEHNIKA**

### **EVS-EN 300 330-1 V1.8.1:2015**

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 1: Technical characteristics and test methods**

Revision of EN 300 330-1 13.56 MHz RFID mask and Wireless Charging.

Keel: en

Alusdokumendid: EN 300 330-1 V1.8.1

### **EVS-EN 302 208-1 V2.1.1:2015**

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W**



## **and in the band 915 MHz to 921 MHz with power levels up to 4 W; Part 1: Technical requirements and methods of measurement**

Part 1 of the standard will be revised to include operation in the new band 915 – 921 MHz. It will specify tests to verify the satisfactory operation of mitigation techniques that will ensure acceptable sharing of the spectrum by RFID with ER-GSM

Keel: en

Alusdokumendid: EN 302 208-1 V2.1.1

### **EVS-EN 302 217-2-1 V2.1.1:2015**

#### **Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied**

Complete restructuring of the EN as “complementary” EN to Part 2-2. Reporting only the requirements considered “not essential” for R&TTED (e.g. BBER and signatures), for “special compatibility” (e.g. innermost channels masks and RX selectivity when common branching/antenna is used), for “good design practice” (e.g. antenna and feeder return loss, RX level range) Effort will be done for substituting band specific masks and signatures with parametric requirements (e.g. NFD or similar residual power in RX bandwidth) so as to possibly remove Annexes A to E (moving the so “generalised” requirements in the main body).

Keel: en

Alusdokumendid: EN 302 217-2-1 V2.1.1

### **EVS-EN 302 307-1 V1.4.1:2015**

#### **Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications; Part 1: DVB-S2**

The existing DVB-S2 specification becomes a multipart document, with Part 2 describing the S2 extensions (S2X). The necessary changes for Part 1 (DVB-S2) are included in this new version.

Keel: en

Alusdokumendid: EN 302 307-1 V1.4.1

### **EVS-EN 302 637-2 V1.3.2:2015**

#### **Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 2: Specification of Cooperative Awareness Basic Service**

Revision of the TS 102 637-2 according to ETSI TC ITS work progression and received Change Requests. Proposal to an EN in conformity to the M/453 mandate request.

Keel: en

Alusdokumendid: EN 302 637-2 V1.3.2

### **EVS-EN 302 637-3 V1.2.2:2015**

#### **Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 3: Specifications of Decentralized Environmental Notification Basic Service**

Revision of the TS 102 637 - 3 according to ETSI TC ITS work progression, harmonization as far as possible with other standardization work and received change requests before proposing it as an EN in conformity with M/453 mandate.

Keel: en

Alusdokumendid: EN 302 637-3 V1.2.2

### **EVS-EN 302 969 V1.2.1:2015**

#### **Reconfigurable Radio Systems (RRS); Radio Reconfiguration related Requirements for Mobile Devices**

Revision of TS 102 969 as a European Norm

Keel: en

Alusdokumendid: EN 302 969 V1.2.1

### **EVS-EN 303 203-1 V1.1.1:2015**

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Medical Body Area Network Systems (MBANSs) operating in the 2 483,5 MHz to 2 500 MHz range; Part 1: Technical characteristics and test methods**

The present standard specifies technical characteristics and test methods for Medical Body Area Network Systems operating in the 2483,5 MHz to 2500 MHz range. The standard will address the request by CEPT WGFM in document ERM(13)49b017, that to improve compatibility between MBANS and LP-AMI adequate spectrum sharing mechanisms will be investigated.

Keel: en

Alusdokumendid: EN 303 203-1 V1.1.1

### **EVS-EN 303 203-2 V1.1.1:2015**

**Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raadiosagedusalas 2483,5 MHz kuni 2500 MHz töötavad patsiendi meditsiinilised jälgimissüsteemid (MBANS). Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Medical Body Area Network Systems (MBANSs) operating in the 2 483,5 MHz to 2 500 MHz range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

Development of harmonised standard for Medical Body Area Network Systems operating in the 2483,5 MHz to 2500 MHz range, covering the essential requirements of article 3.2 of the R&TTE Directive. The standard will address the request by CEPT WGFM in document ERM(13)49b017, that to improve compatibility between MBANS and LP-AMI adequate spectrum sharing mechanisms will be investigated.

Keel: en

Alusdokumendid: EN 303 203-2 V1.1.1

### **EVS-EN 303 204-1 V1.1.1:2015**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Network Based Short Range Devices (SRD); Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods**

To produce a Harmonised Standard, taking into account the ongoing ECC Report 200 and ECC Report 189, to support Network Based SRDs within the 870 -876 MHz frequency range, such as Metropolitan Machine Mesh (M3M e.g. TR 103 055) and Smart Metering/Smart Grid (e.g. TR 102 886) - TS 102 887 could also of relevance. It is noted that these SRD equipment will be class 2 to ensure the best spectrum efficiency whilst protecting the primary service operating in some countries.

Keel: en

Alusdokumendid: EN 303 204-1 V1.1.1

### **EVS-EN 303 204-2 V1.1.1:2015**

**Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Võrgupõhised lähitoimeseadmed (SRD); Raadiosagedusalas 870 MHz kuni 876 MHz töötavad raadioseadmed, kus võimsus ulatub kuni 500 mW; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Network Based Short Range Devices (SRD); Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

To produce a Harmonised Standard, taking into account the ongoing ECC Report 200 and ECC Report 189, to support Network Based SRDs within the 870 -876 MHz frequency range, such as Metropolitan Machine Mesh (M3M e.g. TR 103 055) and Smart Metering/Smart Grid (e.g. TR 102 886) - TS 102 887 could also of relevance. It is noted that these SRD equipment will be class 2 to ensure the best spectrum efficiency whilst protecting the primary service operating in some countries.

Keel: en

Alusdokumendid: EN 303 204-2 V1.1.1

### **EVS-EN 303 213-1 V1.3.1:2015**

**Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 1: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 1 including external interfaces**

Scope of work to be undertaken: Update the European Standard for A-SMGCS System Level 1 considering updated Reference material from EUROCONTORL, new ETSI drafting rules and editorial changes. Other regulations have to be considered.

Keel: en

Alusdokumendid: EN 303 213-1 V1.3.1

### **EVS-EN 303 213-2 V1.3.1:2015**

**Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 2: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 2 including external interfaces**

Scope of work to be undertaken: Update the European Standard for A-SMGCS System Level 2 considering updated Reference material from EUROCONTORL, new ETSI drafting rules and editorial changes. Other regulations have to be considered.

Keel: en

Alusdokumendid: EN 303 213-2 V1.3.1

### **EVS-EN 303 214 V1.2.1:2015**

#### **Data Link Services (DLS) System; Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Requirements for ground constituents and system testing**

Scope of work to be undertaken: Update the European Standard for A-SMGCS System Level 2 considering updated Reference material from EUROCONTORL, new ETSI drafting rules and editorial changes. Other regulations have to be considered.

Keel: en

Alusdokumendid: EN 303 214 V1.2.1

### **EVS-EN 305 550-1 V1.2.1:2015**

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 1: Technical characteristics and test methods**

Maintenance and update of actual version based on new ERC REC 70-03 Annex 1 and ECC report 176 and ECC report on 122GHz

Keel: en

Alusdokumendid: EN 305 550-1 V1.2.1

### **EVS-EN 305 550-2 V1.2.1:2015**

#### **Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähtoimeseadmed (SRD); Raadiosagedusalas 40 GHz kuni 246 GHz töötavad raadioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel**

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

Maintenance of part 2 for R&TTE to be in line with changes in part 1

Keel: en

Alusdokumendid: EN 305 550-2 V1.2.1

### **EVS-EN 55015:2013/A1:2015**

#### **Elektrivalgustite ja nendesarnaste seadmete raadiohäiringu-tunnussuuruste piirväärtused ja mõõtemetodid**

#### **Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment**

Amendment to EN 55015:2013

Keel: en

Alusdokumendid: CISPR 15:2013/A1:2015; EN 55015:2013/A1:2015

Muudab dokumenti: EVS-EN 55015:2013

### **EVS-EN 60793-1-43:2015**

#### **Optical fibres - Part 1-43: Measurement methods and test procedures - Numerical aperture measurement**

IEC 60793-1-43:2015 establishes uniform requirements for measuring the numerical aperture of optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes. The numerical aperture (NA) of categories A1, A2, A3 and A4 multimode fibre is an important parameter that describes a fibre's light-gathering ability. It is used to predict launching efficiency, joint loss at splices, and micro/macrobending performance. The numerical aperture is defined by measuring the far-field pattern (NAff). In some cases the theoretical numerical aperture (NAth) is used in the literature, which can be determined from measuring the difference in refractive indexes between the core and cladding. Ideally these two methods should produce the same value. This second edition of IEC 60793-1-43, together with other standards in the IEC 60793-4X series, cancels and replaces the first edition of IEC 60793-1-43, published in 2001, and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - expansion of the scope to include A1, A2, A3 and A4 multimode fibre categories; - addition of measurement parameters of sample length and threshold values, product specific to the variables that are now found in the product specifications; - a new Annex B entitled "Product specific default values for NA measurement"; - addition of a new Technique 4 for measuring NA of A4d fibres; - a new Annex A entitled "Mapping NA measurement to alternative lengths" that gives a mapping function to correlate shorter sample length measurements to the length suggested in the reference test method Naff. Keywords: numerical aperture of optical fibre, inspection of fibres and cables

Keel: en

Alusdokumendid: IEC 60793-1-43:2015; EN 60793-1-43:2015

Asendab dokumenti: EVS-EN 60793-1-43:2003

### **EVS-EN 60794-1-21:2015**

#### **Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods**

IEC 60794-1-21:2015(E) applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. The object of this standard is to define test procedures to be used in establishing uniform requirements for mechanical requirement performance. Throughout this standard the wording "optical cable" may also include optical fibre units, microduct fibre units, etc. General requirements and definitions are given in IEC 60794-1-20 and a complete reference guide to test method of all types in the IEC 60794-1-2. This first edition of IEC 60794-1-21 cancels and replaces the mechanical tests part of the second edition of IEC 60794-1-2, published in 2003. It constitutes a technical revision. Keywords: optical fibre cables for use with telecommunication equipment, test procedures

Keel: en

Alusdokumendid: IEC 60794-1-21:2015; EN 60794-1-21:2015

Asendab dokumenti: EVS-EN 60794-1-2:2004

### **EVS-EN 60940:2015**

#### **Guidance information on the application of capacitors, resistors, inductors and complete filter units for electromagnetic interference suppression**

IEC 60940:2015 provides guidance applicable to information on application of capacitors, resistors, inductors, and complete filter units for electromagnetic interference suppression. This second edition cancels and replaces the first edition published in 1988. This second edition is a result of maintenance activities related to the previous edition. All changes that have been agreed upon can be categorized as minor revisions.

Keel: en

Alusdokumendid: IEC 60940:2015; EN 60940:2015

### **EVS-EN 61000-6-7:2015**

#### **Elektromagnetiline ühilduvus. Osa 6-7: Üldstandardid. Immuunsusnõuded ohutussüsteemi (talitusohutus) seadmetele tööstuskeskkonnas**

#### **Electromagnetic compatibility (EMC) - Part 6-7: Generic standards - Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations**

IEC 61000-6-7:2014 is intended to be used by suppliers when making claims for the immunity of equipment intended for use in safety-related systems against electromagnetic disturbances. This standard should also be used by designers, integrators, installers, and assessors of safety-related systems to assess the claims made by suppliers. It provides guidance to product committees. This part of IEC 61000 applies to electrical and electronic equipment intended for use in safety-related systems and that is: - intended to comply with the requirements of IEC 61508 and/or other sector-specific functional safety standards; - and intended to be operated in industrial locations as described in 3.1.15. The object of this standard is to define immunity test requirements for equipment in relation to continuous and transient, conducted and radiated disturbances, including electrostatic discharge. These requirements apply only to functions intended for use in functional safety applications. Test requirements are specified for each port considered.

Keel: en

Alusdokumendid: IEC 61000-6-7:2014; EN 61000-6-7:2015

### **EVS-EN 61169-51:2015**

#### **Radio-frequency connectors - Part 51: Sectional specification for RF coaxial connectors with inner diameter of outer conductors 13,5 mm with bayonet lock - Characteristic impedance 50 $\Omega$ (type QLI)**

IEC 61169-51:2015 provides information and rules for the preparation of detail specifications (DS) for type QLI R.F. coaxial connectors with quick lock. The connectors are normally used with 50 Ohms corrugated cable and flexible cables for middle power applications in an operating range up to 6 GHz. 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 QLI connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers all tests schedules and inspection requirements.

Keel: en

Alusdokumendid: IEC 61169-51:2015; EN 61169-51:2015

### **EVS-EN 61970-452:2015**

#### **Energy management system application program interface (EMS-API) - Part 452: CIM model exchange specification**

IEC 61970-452:2015(E) rigorously defines the subset of classes, class attributes, and roles from the CIM necessary to execute state estimation and power flow applications. These requirements are based on prior industry practices for exchanging power system model data for use primarily in planning studies. This standard is intended for two distinct audiences, data producers and data recipients, and may be used from these two perspectives.

Keel: en

Alusdokumendid: IEC 61970-452:2015; EN 61970-452:2015

Asendab dokumenti: EVS-EN 61970-452:2014

### **EVS-EN 62368-1:2014/AC2:2015**

#### **Audio/video, information and communication technology equipment - Part 1: Safety requirements**

Corrigendum 2 to EN 62368-1:2014

Keel: en

Alusdokumendid: EN 62368-1:2014/AC:2015

Parandab dokumenti: EVS-EN 62368-1:2014

### **EVS-EN 62634:2015**

#### **Radio Data System (RDS) - Receiver products and characteristics - Methods of measurement**

IEC 62634:2015 describes how to measure minimum RDS receiver performance requirements which concern three RDS receiver product categories. However, it should be noted that there are also RDS receiver products on the market that significantly outperform the minimum RDS receiver performance requirements quoted. This second edition cancels and replaces the first edition published in 2011 and constitutes a technical revision. It includes the following changes: - the 100 kHz test measurement case from Clause 8 of IEC 62634:2011 was deleted as it did not permit to achieve stable and reproducible measurement results; - an error has been corrected. The term "de-emphasis" shall read correctly "pre-emphasis".

Keel: en

Alusdokumendid: IEC 62634:2015; EN 62634:2015

Asendab dokumenti: EVS-EN 62634:2011

### **EVS-EN 62657-2:2015**

#### **Industrial communication networks - Wireless communication networks - Part 2: Coexistence management**

IEC 62657-2:2013 specifies the fundamental assumptions, concepts, parameters, and procedure for wireless communication coexistence; provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life cycle of wireless communication coexistence and provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts. This first edition cancels and replaces IEC/TS 62657-2, published in 2011. The main changes with respect to the TS are: - updated the normative references, terms, definitions, symbols, abbreviations; - corrected spelling; - changed figures to make them consistent with the text and vice versa; - added and modified text to make the text more readable.

Keel: en

Alusdokumendid: IEC 62657-2:2013; EN 62657-2:2015

### **EVS-EN 62810:2015**

#### **Cylindrical cavity method to measure the complex permittivity of low-loss dielectric rods**

IEC 62810:2015(E) relates to a measurement method for complex permittivity of a dielectric rod at microwave frequency. This method has been developed to evaluate the dielectric properties of low-loss materials in coaxial cables and electronic devices used in microwave systems. It uses the TM<sub>010</sub> mode in a circular cylindrical cavity and presents accurate measurement results of a dielectric rod sample, where the effect of sample insertion holes is taken into account accurately on the basis of the rigorous electromagnetic analysis.

Keel: en

Alusdokumendid: IEC 62810:2015; EN 62810:2015

### **EVS-EN 62875:2015**

#### **Multimedia systems and equipment - Multimedia e-publishing and e-book technologies - Printing specification of texture map for auditory presentation of printed texts**

IEC 62875:2015(E) specifies the printing quality of the texture map on paper. The texture map for auditory presentation of printed texts is printed on paper or shown on display devices.

Keel: en

Alusdokumendid: IEC 62875:2015; EN 62875:2015

## **35 INFOTEHNOLOOGIA. KONTORISEADMED**

### **CEN ISO/TR 17424:2015**

#### **Intelligent transport systems - Cooperative systems - State of the art of Local Dynamic Maps concepts (ISO/TR 17424:2015)**

TR 17424 deliver information about the current status of the Local Dynamic Map (LDM) concepts as they have been developed in the different R&D projects in Europe, Japan and the USA. It presents different architectures, implementations, LDM functional blocks and the related standardization activities. TR 17424 proposes actions for future standardization activities and harmonization needs. – Definition of the LDM (based on EU projects SAFESPOT, CVIS, and COMeSafety) – Thesis: The LDM is a subsystem located within an ITS station. – A LDM typical consists of several elements or functions: o LDM management including synchronization and update o LDM data storage o LDM security o LDM content integrity o LDM policy advisor (privacy) o LDM arbiter / screening, prioritizing o LDM SAPs / data access o LDM broker (shared data management) The draft TR is ready for DTR comment ballot submission.

Keel: en

Alusdokumendid: ISO/TR 17424:2015; CEN ISO/TR 17424:2015

## **CEN/TS 14014:2015**

### **Postal services - Hybrid mail - XML definition of encapsulation of letters for automated postal handling**

The purpose of this Technical Specification is to define the syntax rules for a data stream for the submission of printing data to a Hybrid Mail operator or between Hybrid Mail operators. The Technical Specification defines a XML Schema Definition (XSD) describing the data stream. The description is based upon the XML (eXtended Mark-up Language) definition of rules and semantics for defining an XSD. The purpose of this is to offer a generalised syntax description that can provide seamless integration with a number of existing applications generating data that is liable to be forwarded to or from a Hybrid Mail operator. The use of an XSD will ensure that the documents conform to the standard defined and that the output has the correct syntax. Software manufacturers can use an XSD to program applications that will produce correct outputs. This Technical Specification defines the syntax for creating a data stream that will eventually be converted into a deliverable. The overall object (a batch) can be divided into one or more objects that again can be divided into objects. The hierarchy includes bundles that contain a common part and letters. Each object has a number of characteristics attached to it. This diagram shows the structure of a HML (Hybrid Mail Language) document: each letter is self-contained (contains all the necessary information to be delivered on a certain destination). Each letter can have one contact. Each contact can have multiple alternatives for delivery. This Technical Specification does not define the specific services offered by local operators (Hybrid Mail operators). This Technical Specification does not define the communication method used. It does only define the format of Hybrid Mail as such.

Keel: en

Alusdokumendid: CEN/TS 14014:2015

Asendab dokumenti: CEN/TS 14014:2006

## **CEN/TS 16794-1:2015**

### **Public transport - Communication between contactless readers and fare media - Part 1: Implementation requirements for ISO/IEC 14443**

This Technical Specification sets out the technical requirements to be met by contactless fare management system terminals and contactless fare media hosting a transport ticketing application in order to be able to interface together using the ISO/IEC 14443 standard contactless communications protocol. This Technical Specification applies to: - any contactless fare management system terminal acting as a PCD contactless reader based on ISO/IEC 14443 standard series; - any contactless fare media acting as a PICC contactless object based on ISO/IEC 14443 standard series. The purpose of these implementation requirements is to ensure contactless communications interoperability between contactless fare management system terminals and any contactless fare media liable to be accepted by them, once both terminal and fare media have been certified as meeting the requirements of these implementation requirements. An interface-oriented test approach will be used to evaluate the interoperability of relevant components and is defined in CEN/TS 16794-2, Public transport - Communication between contactless readers and fare media - Part 2: Test plan for ISO/IEC 14443. Application-to-application exchanges executed once contactless communication has been established at RF level fall outside the scope of these implementation requirements. In line with the rules on independency between OSI protocol layers, these implementation requirements work on the assumption that application-to-application exchanges are not contingent on the type of contactless communication established or by the parameters used for the low-level protocol layers that serve as the platform for these application-to-application exchanges.

Keel: en

Alusdokumendid: CEN/TS 16794-1:2015

## **CEN/TS 16794-2:2015**

### **Public transport - Communication between contactless readers and fare media - Part 2: Test plan for ISO/IEC 14443**

This Technical Specification comes as a complement to the technical requirements expressed in CEN/TS 16794-1, Public transport - Communication between contactless readers and fare media - Part 1: Implementation requirements for ISO/IEC 14443, for ensuring contactless communication interoperability between contactless fare management system terminals and contactless fare media hosting a transport ticketing application. This test plan lists all the test conditions to be performed on a contactless reader or a contactless fare media in order to ensure that all the requirements specified in CEN/TS 16794-1 are met for the device under test. This Technical Specification is then applicable to: - any contactless fare management system terminals acting as a PCD contactless reader based on ISO/IEC 14443-series standards; - any contactless fare media acting as a PICC contactless object based on ISO/IEC 14443-series standards. This test plan applies solely to the contactless communication layers described in parts 1 to 4 of the ISO/IEC 14443 series of standards. Application-to-application exchanges executed once contactless communication has been established at RF level fall outside the scope of this test plan. However, a transport ticketing application will need to be used so as to make end-to-end transactions during tests on the RF communication layer. This test plan does not duplicate the contents of ISO/IEC 14443 series or ISO/IEC 10373 6 standards. It makes reference to the ISO/IEC 10373 6 applicable tests methods, specifies the test conditions to be used and describes the additional specific test conditions that may be run. The list of test conditions applicable to the device under test will be conditioned by the Information Conformance Statement (ICS) declaration made by the device manufacturer. For each test case, the test conditions are clearly specified in order to determine the pertinence to run or not the test case in accordance with the device capabilities or in accordance with the device manufacturer's choice. In order to facilitate the test report issuance, a test report template is included in Annex A of the present test plan. Although the present test plan aims at becoming the primary basis for certification of contactless communication protocol between contactless reader and contactless object, it does not describe any certification or qualification processes as such processes should be defined between local or global transit industry stakeholders and not within this CEN work group.

Keel: en

Alusdokumendid: CEN/TS 16794-2:2015

## **EVS-EN 62368-1:2014/AC2:2015**

### **Audio/video, information and communication technology equipment - Part 1: Safety requirements**

Corrigendum 2 to EN 62368-1:2014

Keel: en

Alusdokumendid: EN 62368-1:2014/AC:2015

Parandab dokumenti: EVS-EN 62368-1:2014

## **EVS-EN 62541-100:2015**

### **OPC unified architecture - Part 100: Device Interface**

IEC 62541-100:2015 is an extension of the overall OPC Unified Architecture standard series and defines the information model associated with Devices. This part of IEC 62541 describes three models which build upon each other: - the (base) Device Model intended to provide a unified view of devices; - the Device Communication Model which adds Network and Connection information elements so that communication topologies can be created; - the Device Integration Host Model finally which adds additional elements and rules required for host systems to manage integration for a complete system. It allows reflecting the topology of the automation system with the devices as well as the connecting communication networks.

Keel: en

Alusdokumendid: IEC 62541-100:2015; EN 62541-100:2015

## **EVS-EN 62541-11:2015**

### **OPC unified architecture - Part 11: Historical Access**

IEC 62541-11:2015 is part of the overall OPC Unified Architecture standard series and defines the information model associated with Historical Access (HA). It particularly includes additional and complementary descriptions of the NodeClasses and Attributes needed for Historical Access, additional standard Properties, and other information and behaviour. It also includes functionality to compute and return Aggregates like minimum, maximum, average etc. The Information Model and the concrete working of Aggregates are defined in IEC 62541-13.

Keel: en

Alusdokumendid: IEC 62541-11:2015; EN 62541-11:2015

## **EVS-EN 62541-13:2015**

### **OPC unified architecture - Part 13: Aggregates**

IEC 62541-13:2015 is part of the overall OPC Unified Architecture specification series and defines the information model associated with Aggregates.

Keel: en

Alusdokumendid: IEC 62541-13:2015; EN 62541-13:2015

## **EVS-EN 62541-7:2015**

### **OPC unified architecture - Part 7: Profiles**

IEC 62541-7:2015 describes the OPC Unified Architecture (OPC UA) Profiles. The Profiles in this document are used to segregate features with regard to testing of OPC UA products and the nature of the testing (tool based or lab based). This includes the testing performed by the OPC Foundation provided OPC UA CTT (a self-test tool) and by the OPC Foundation provided Independent certification test labs. It is also defining functionality that can only be tested in a lab and defining the grouping of functionality that is to be used when testing OPC UA products either in a lab or using automated tools. This second edition cancels and replaces the first edition published in 2012 and constitutes a technical revision. It includes the following changes: - Added a large number of new Facets to cover additional functional areas of OPC UA. Most significantly: - Facets for Historical Access; - Facets for Aggregates; - Facets for HTTPs; - New Security Facets; - New User Token Facet that supports anonymous access; - Best Practice Facets as well as New Security Policy for asymmetric key length > 2048.

Keel: en

Alusdokumendid: IEC 62541-7:2015; EN 62541-7:2015

Asendab dokumenti: EVS-EN 62541-7:2012

## **EVS-EN 62541-8:2015**

### **OPC Unified Architecture - Part 8: Data Access**

IEC 62451-8:2015 is part of the overall OPC Unified Architecture (OPC UA) standard series and defines the information model associated with Data Access (DA). It particularly includes additional VariableTypes and complementary descriptions of the NodeClasses and Attributes needed for Data Access, additional Properties, and other information and behaviour. This second edition cancels and replaces the first edition published in 2011 and constitutes a technical revision. This edition includes the following changes: - Clarified that deadband has to be between 0.0 and 100.0. Violations result in error Bad\_DeadbandFilterInvalid; - Added VariableTypes handling ArrayItems and DataTypes supporting this, including complex number types.

Keel: en

Alusdokumendid: IEC 62541-8:2015; EN 62541-8:2015

Asendab dokumenti: EVS-EN 62541-8:2011

## **EVS-EN 62541-9:2015**

### **OPC unified architecture - Part 9: Alarms and conditions**

IEC 62541-9:2015 specifies the representation of Alarms and Conditions in the OPC Unified Architecture. Included is the Information Model representation of Alarms and Conditions in the OPC UA address space. This second edition cancels and replaces the first edition published in 2012 and constitutes a technical revision. This edition includes the following changes: - added section to describe expected behaviour for A&C servers and the associated information model in the case of redundancy or communication faults; - changed the DialogConditionType to be not abstract since it is expected that instance of this type will exist in the system; - updated ConditionRefresh Method to allow the use of the well known NodeIds associated with the types for the MethodId and ConditionId instead of requiring the call to use only the MethodId and ConditionId that is part of an instance; - Fixed ExclusiveLimitStateMachineType and ShelvedStateMachineType to be sub-types of FiniteStateMachineType not StateMachineType.

Keel: en

Alusdokumendid: IEC 62541-9:2015; EN 62541-9:2015

Asendab dokumenti: EVS-EN 62541-9:2012

## **EVS-EN 62657-2:2015**

### **Industrial communication networks - Wireless communication networks - Part 2: Coexistence management**

IEC 62657-2:2013 specifies the fundamental assumptions, concepts, parameters, and procedure for wireless communication coexistence; provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life cycle of wireless communication coexistence and provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts. This first edition cancels and replaces IEC/TS 62657-2, published in 2011. The main changes with respect to the TS are: - updated the normative references, terms, definitions, symbols, abbreviations; - corrected spelling; - changed figures to make them consistent with the text and vice versa; - added and modified text to make the text more readable.

Keel: en

Alusdokumendid: IEC 62657-2:2013; EN 62657-2:2015

## **EVS-EN 62714-2:2015**

### **Engineering Data Exchange format for use in industrial automation systems engineering - Automation Markup Language - Part 2: Role class libraries**

IEC 62714-2:2015 specifies normative as well as informative AML role class libraries for the modelling of engineering information for the exchange between engineering tools in the plant automation area by means of AML. Moreover, it presents additional user defined libraries as an example. Its provisions apply to the export/import applications of related tools.

Keel: en

Alusdokumendid: IEC 62714-2:2015; EN 62714-2:2015

## **EVS-EN ISO 9295:2015**

### **Acoustics - Determination of high-frequency sound power levels emitted by machinery and equipment (ISO 9295:2015)**

This International Standard specifies four methods for the determination of the sound power levels of high-frequency noise emitted by machinery and equipment in the frequency range covered by the octave band centred at 16 kHz, which includes frequencies between 11,2 kHz and 22,4 kHz. They are complementary to the methods described in ISO 3741 and ISO 3744. The first three methods are based on the reverberation test room technique. The fourth method makes use of a free field over a reflecting plane. The test conditions which prescribe the installation and operation of the equipment are those specified in ISO 3741 or ISO 3744 as applicable.

Keel: en

Alusdokumendid: ISO 9295:2015; EN ISO 9295:2015

Asendab dokumenti: EVS-EN 29295:1999

## **45 RAUDTEETEHNIKA**

## **CLC/TS 50238-2:2015**

### **Railway applications - Compatibility between rolling stock and train detection systems - Part 2: Compatibility with track circuits**

This Technical Specification defines, for the purpose of ensuring compatibility between rolling stock and track circuits the limits for interference current emissions from rolling stock. The measurement and evaluation methods for verifying conformity of rolling stock to these limits is presented in a dedicated annex. The interference limits are only applicable to interoperable rolling stock which is intended to run on lines exclusively equipped with preferred track circuit listed in this Technical Specification. National Notified Technical Rules are still to be used in all cases, where the line over which the rolling stock is intended to run is equipped with any type of older version or non-preferred track circuits that are not listed in this Technical Specification. However, the rolling stock test methodology (infrastructure conditions, test configurations, operational conditions, etc.) presented in this Technical Specification is also applicable to establish compatibility with non-preferred track circuits. This Technical Specification gives guidance on the derivation of interference current limits specified for rolling stock and defines measurement methods and evaluation criteria in a dedicated annex. This Technical Specification defines: a) a set of interference current limits for RST (Rolling Stock) applicable for each of the following types of traction system: 1) DC (750 V, 1,5 kV and 3 kV); 2) 16,7 Hz AC; 3) 50 Hz AC;



b) methodology for the demonstration of compatibility between rolling stock and track circuits; c) measurement method to verify interference current limits and evaluation criteria. NOTE 1 The basic parameters of track circuits associated with the interference current limits for RST are not in the scope of this Technical Specification. NOTE 2 Any phenomena linked to traction power supply and associated protection (over voltage, short-circuit current, under- and over-voltage if regenerative brakes are used) is part of the track circuit design and outside the scope of this Technical Specification.

Keel: en

Alusdokumendid: CLC/TS 50238-2:2015

Asendab dokumenti: CLC/TS 50238-2:2010

Asendab dokumenti: CLC/TS 50238-2:2010/AC:2011

## 47 LAEVAEHITUS JA MERE-EHITISED

### EVS-EN ISO 10240:2004/A1:2015

#### Väikelaevad. Omaniku käsiraamat

#### Small craft - Owner's manual (ISO 10240:2004/Amd 1:2015)

No scope available

Keel: en

Alusdokumendid: ISO 10240:2004/Amd 1:2015; EN ISO 10240:2004/A1:2015

Muudab dokumenti: EVS-EN ISO 10240:2004

## 53 TÖSTE- JA TEISALDUS-SEADMED

### EVS-EN 1459-3:2015

#### Rough-terrain trucks - Safety requirements and verification - Part 3: Interface between the variable-reach truck and the work platform

This European Standard specifies the additional safety requirements for trucks covered by - EN 1459-1: Rough-terrain variable reach trucks - EN 1459-2: Rough-terrain rotating trucks - EN ISO 3691-2: Industrial variable reach trucks when these trucks are equipped with elevating work platform. This European Standard does not address hazards which may occur: a) during manufacture; b) when handling suspended work platforms which may swing freely; c) when using trucks on public roads; d) when operating in potentially explosive atmospheres; e) when operating underground.

Keel: en

Alusdokumendid: EN 1459-3:2015

## 55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

### EVS-EN ISO 12818:2015

#### Glass packaging - Standard tolerances for flaconnage (ISO 12818:2013)

This International Standard specifies the tolerances for the bottles intended to be used for pharmaceutical products, cosmetic and perfumery products and chemical products. The following tolerances are concerned: — brimful capacity; — height; — diameter and width; — verticality. The following types of bottles are excluded from this International Standard: — “miniatures”; — small bottles for extracts, essences, etc.; — small jars (e.g. individual portions of jam).

Keel: en

Alusdokumendid: ISO 12818:2013; EN ISO 12818:2015

Asendab dokumenti: EVS-EN 15904:2010

### EVS-EN ISO 12821:2015

#### Glass packaging - 26 H 180 crown finish - Dimensions (ISO 12821:2013)

This document (ISO 12821) specifies the dimensions of the 26 mm tall crown finish for glass bottles containing beverages. The tall crown finish is designed to use a metal crown closure (see CE.T.I.E. data sheet EC1-02 revision 1 [2]).

Keel: en

Alusdokumendid: ISO 12821:2013; EN ISO 12821:2015

Asendab dokumenti: EVS-EN 14634:2010

## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

### EVS-EN 15987:2015

#### Leather - Terminology - Key definitions for the leather trade

This European Standard specifies the key terms and definitions used for the leather trade and provides guidance on the correct use of the term “leather”. Defined parameters in this standard need to be assessed using standard test methods specific for leather. NOTE See Bibliography for leather test method standards.

Keel: en

Alusdokumendid: EN 15987:2015

Asendab dokumenti: EVS-EN 15987:2011

## **EVS-EN ISO 10319:2015**

### **Geosynthetics - Wide-width tensile test (ISO 10319:2015)**

This International Standard describes an index test method for the determination of the tensile properties of geosynthetics (polymeric, glass, and metallic), using a wide-width strip. This International Standard is applicable to most geosynthetics, including woven geotextiles, nonwoven geotextiles, geocomposites, knitted geotextiles, geonets, geomats, and metallic products. It is also applicable to geogrids and similar open-structure geotextiles, but specimen dimensions might need to be altered. It is not applicable to polymeric or bituminous geosynthetic barriers, while it is applicable to clay geosynthetic barriers. This International Standard specifies a tensile test method that covers the measurement of load elongation characteristics and includes procedures for the calculation of secant stiffness, maximum load per unit width and strain at maximum load. Singular points on the load-extension curve are also indicated. Procedures for measuring the tensile properties of both conditioned and wet specimens are included in this International Standard.

Keel: en

Alusdokumendid: ISO 10319:2015; EN ISO 10319:2015

Asendab dokumenti: EVS-EN ISO 10319:2008

## **65 PÕLLUMAJANDUS**

### **EVS-EN 16651:2015**

#### **Fertilizers - Determination of N-(n-Butyl)thiophosphoric acid triamide (NBPT) and N-(n-Propyl)thiophosphoric acid triamide (NPPT) - Method using high-performance liquid chromatography (HPLC)**

This European Standard specifies a method for the quantitative determination of the urease inhibitors N-(n-Butyl)thiophosphoric acid triamide (NBPT, CAS-No. 94317-64-3) and N-(n-Propyl)thiophosphoric acid triamide (NPPT, CAS-No. 916809-14-8) content in urea based fertilizers using high-performance liquid chromatography (HPLC).

Keel: en

Alusdokumendid: EN 16651:2015

## **67 TOIDUAINETE TEHNOLOOGIA**

### **EVS-EN 15948:2015**

#### **Cereals - Determination of moisture and protein - Method using Near-Infrared-Spectroscopy in whole kernels**

This European Standard defines a routine method for the determination of moisture and protein in whole kernels of barley and wheat using a near-infrared spectrophotometer in the constituent ranges: a) for wheat: 1) moisture content minimum range from 8 % to 22 %; 2) protein content minimum range from 7 % to 20 %. b) for barley: 1) moisture content minimum range from 8 % to 22 %; 2) protein content minimum range from 7 % to 16 %. This European Standard describes the modalities to be implemented by the supplier (5.3 and 5.4) and the user of the method.

Keel: en

Alusdokumendid: EN 15948:2015

Asendab dokumenti: EVS-EN 15948:2012

### **EVS-EN ISO 12966-1:2014/AC:2015**

#### **Animal and vegetable fats and oils - Gas chromatography of fatty acid methyl esters - Part 1: Guidelines on modern gas chromatography of fatty acid methyl esters (ISO 12966-1:2014)**

Corrigendum to EN ISO 12966-1:2014

Keel: en

Alusdokumendid: EN ISO 12966-1:2014/AC:2015

Parandab dokumenti: EVS-EN ISO 12966-1:2014

### **EVS-EN ISO 6647-1:2015**

#### **Rice - Determination of amylose content - Part 1: Reference method (ISO 6647-1:2015)**

This part of ISO 6647 specifies a reference method for determining calibration values for standards that will be used to make a standard curve for the quantification of amylose content in milled, non-parboiled rice in the range of amylose content from 0 % to 30 %.

Keel: en

Alusdokumendid: ISO 6647-1:2015; EN ISO 6647-1:2015

Asendab dokumenti: EVS-EN ISO 6647-1:2007

### **EVS-EN ISO 6647-2:2015**

#### **Rice - Determination of amylose content - Part 2: Routine methods (ISO 6647-2:2015)**

This part of ISO 6647 specifies a simplified routine method for the determination of the amylose content of milled, non-parboiled rice in the range from 1 % to 30 %. Rice samples for which the amylose content has been determined by the reference method size exclusion chromatography (SEC) are used as standards to generate the calibration curve. NOTE The use of standards

calibrated by SEC is an approach to determine the true amylose content and decreases the conversion errors of this part of ISO 6647.

Keel: en

Alusdokumendid: ISO 6647-2:2015; EN ISO 6647-2:2015

Asendab dokumenti: EVS-EN ISO 6647-2:2007

## 75 NAFTA JA NAFTATEHNOLOOGIA

### CEN/TR 15745:2015

#### **Liquid petroleum products - Determination of hydrocarbon types and oxygenates via multidimensional gas chromatography method - Round Robin research report**

This Technical Report presents the study on the application of EN 14517 [2] to other oxygenates. This report supports an extension of the scope of the method, which has been explicitly requested by ISO/TC 28 at the time of revision of EN 14517 and was agreed to result in the parallel Standard EN ISO 22854 [3]. This Technical Report is published as background information to judge the approval of the use of the method for the determination of all oxygenates as mentioned in the European Fuels Directive. This Technical Report should also support the use of multidimensional chromatography as the method for disputes on oxygenates in EN 228 [1]. NOTE For the purposes of this document, the term “% (V/V)” is used to represent the volume fraction.

Keel: en

Alusdokumendid: CEN/TR 15745:2015

Asendab dokumenti: CEN/TR 15745:2008

### EVS-EN 14161:2011+A1:2015

#### **Petroleum and natural gas industries - Pipeline transportation systems (ISO 13623:2009 modified)**

This European Standard specifies requirements and gives recommendations for the design, materials, construction, testing, operation, maintenance and abandonment of pipeline systems used for transportation in the petroleum and natural gas industries. It applies to pipeline systems on land (see exclusion below) and offshore, connecting wells, production plants, process plants, refineries and storage facilities, including any section of a pipeline constructed within the boundaries of such facilities for the purpose of its connection. The extent of pipeline systems covered by this European Standard is illustrated in Figure 1. This European Standard applies to rigid, metallic pipelines. It is not applicable for flexible pipelines or those constructed from other materials, such as glass-reinforced plastics. This European Standard is applicable to all new pipeline systems and can be applied to modifications made to existing ones. It is not intended that it apply retroactively to existing pipeline systems. It describes the functional requirements of pipeline systems and provides a basis for their safe design, construction, testing, operation, maintenance and abandonment. On-land supply systems used by the European gas supply industry from the input of gas into the on-land transmission network up to the inlet connection of gas appliances are excluded from the scope of this European Standard.

Keel: en

Alusdokumendid: EN 14161:2011+A1:2015

Asendab dokumenti: EVS-EN 14161:2011

### EVS-EN ISO 15551-1:2015

#### **Petroleum and natural gas industries - Drilling and production equipment - Part 1: Electric submersible pump systems for artificial lift (ISO 15551-1:2015)**

This project is to develop a series of standards covering electrical submersible pumps and associated equipment. This International Standard provides requirements for the design, design verification and validation, manufacturing and data control, performance ratings, functional evaluation, repair, handling and storage of electrical submersible pumps for downhole use in the petroleum and natural gas industry. Parts to this document series are expected to be pumps, motors, cables, motor seals, and system testing. The order in which the parts will be developed will be determined by the taskgroup.

Keel: en

Alusdokumendid: ISO 15551-1:2015; EN ISO 15551-1:2015

### EVS-EN ISO 16948:2015

#### **Solid biofuels - Determination of total content of carbon, hydrogen and nitrogen (ISO 16948:2015)**

This Standard describes a method for the determination of total carbon, hydrogen and nitrogen contents in solid biofuels

Keel: en

Alusdokumendid: ISO 16948:2015; EN ISO 16948:2015

Asendab dokumenti: EVS-EN 15104:2011

## 77 METALLURGIA

### CEN/TS 13388:2015

#### **Copper and copper alloys - Compendium of compositions and products**

This Technical Specification provides a summary of material designations, compositions and the product forms in which they are available, for coppers and copper alloys standardized in European Standards by CEN/TC 133 "Copper and copper alloys".

Keel: en

Alusdokumendid: CEN/TS 13388:2015  
Asendab dokumenti: CEN/TS 13388:2013

## 83 KUMMI- JA PLASTITÖÖSTUS

### EVS-EN 1902:2015

#### Adhesives - Test method for adhesives for floor and wall coverings - Shear creep test

This European Standard specifies a test method that gives an assessment of adhesion under long-term shear stress after bonding floor or wall coverings to a given substrate. The term "wall covering" does not include any type of wallpaper.

Keel: en

Alusdokumendid: EN 1902:2015

Asendab dokumenti: EVS-EN 1902:2000

### EVS-EN 1903:2015

#### Adhesives - Test method for adhesives for plastic or rubber floor coverings or wall coverings - Determination of dimensional changes after accelerated ageing

This European Standard specifies a test method that measures the dimensional changes of a plastic or rubber floor or wall covering bonded to a given substrate after accelerated ageing. The term "wall covering" does not include any type of wallpaper.

Keel: en

Alusdokumendid: EN 1903:2015

Asendab dokumenti: EVS-EN 1903:2009

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

### EVS-EN 50223:2015

#### Kohtkindlad elektrostaatilised rakenduseseadmed süttivale helvesmaterjalile. Ohutusnõuded Stationary electrostatic application equipment for ignitable flock material - Safety requirements

1.1 This European Standard specifies requirements for automatic electrostatic flock application equipment which is designed for applying ignitable flock which may form explosive atmospheres in the flock application area. In this context a distinction is made between flock application devices which due to their type of construction comply with the requirements as laid down in EN 50050-3, as applicable, and those for which higher discharge energies are stipulated. This European Standard also specifies the constructional requirements for a safe operation of the stationary equipment of flock application booths, including the electrical installations and the accessories. This European Standard deals with all significant hazards, hazardous situations and events relevant to flock application booths, when they are used as intended and under conditions which are foreseeable as malfunction by the manufacturer (see Clause 4). 1.2 This European Standard considers three types of electrostatic flock systems. For more details, see Table 1. 1.3 This European Standard deals with those hazards occurring during stationary automatic electrostatic flocking. Among these hazards are, above all, ignition hazards of the generated explosive atmosphere and hazard to persons. 1.4 The stationary equipment dealt with in this European Standard is considered to be equipment of group II, category 3D for the use in areas with potential explosion hazards of zone 22. 1.5 This European Standard is not applicable for - flock systems in which mixtures of solvent vapours in air occur with a concentration of > 20 % of the LEL, - flock systems operated with AC voltage, - the application system for liquid or pasty substances (e.g. adhesives, primer), - the cleaning of flock application booths, - the storage and handling of ignitable substances outside the coating plant.

Keel: en

Alusdokumendid: EN 50223:2015

Asendab dokumenti: EVS-EN 50223:2010

## 91 EHITUSMATERJALID JA EHITUS

### EVS 920-5:2015/AC:2015

#### Katuseehitusreeglid. Osa 5: Lamekatused Requirements for roof building. Part 5: Flat roofs

Standardi EVS 920-5:2015 parandus.

Keel: et

Parandab dokumenti: EVS 920-5:2015

### EVS-EN 12217:2015

#### Doors - Operating forces - Requirements and classification

This European Standard is applicable to hinged/pivoted and sliding doorsets with latches, for pedestrian use. It defines the classification of the test results for the forces and/or torques to open/close doors and to engage/release and lock/unlock the hardware using a key or handle, after testing in accordance with EN 12046 2. It is only applicable to the manual operation of doorsets. The classification of forces for doorsets with self-closing devices engaged is excluded from this test method. It is also not applicable to doorsets with special hardware, e.g. emergency exit devices. The tests are applicable to doorsets of any material. The operation of some glazed doors (door high windows) involves hardware with latches and may be classified in accordance with this European Standard.

Keel: en

### **EVS-EN 12309-2:2015**

#### **Gaasiküttega adsorptsiooniprintsiibil kliima- ja/või soojuspumbaseadmed, mille kasulik soojuskoormus ei ületa 70 kW. Osa 2: Ohutus**

#### **Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 2: Safety**

1.1 Scope of EN 12309 series Appliances covered by this European Standard include one or a combination of the following: — gas fired sorption chiller; — gas fired sorption chiller/heater; — gas fired sorption heat pump. This European Standard applies to appliances only when used for space heating and cooling with or without heat recovery. This European Standard applies to appliances having flue gas systems of type B and C (according to CEN/TR 1749) and to appliances designed for outdoor installations. EN 12309 does not apply to air conditioners, it only applies to appliances having: — integral burners under the control of fully automatic burner control systems; — closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated; — mechanical means to assist transportation of the combustion air and/or the flue gas. The above appliances can have one or more primary or secondary functions (i.e. heat recovery - see definitions in prEN 12309 1:2012). In the case of packaged units (consisting of several parts), the standard applies only to those designed and supplied as a complete package. The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by this European Standard. Installations used for heating and/or cooling of industrial processes are not within the scope of these standards. NOTE All the symbols given in this text are used regardless of the language used. 1.2 Scope of this Part 2 to EN 12309 This part of EN 12309 deals with the safety of gas-driven sorption heat pumps as defined in prEN 12309 1. Only types B12 for outdoor installations, B13 for outdoor installations, B22 for outdoor installations, B23 for outdoor installations, C12 and C13, C32 and C33 are covered in this European Standard.

Keel: en

Alusdokumendid: EN 12309-2:2015

### **EVS-EN 13203-2:2015**

#### **Gaasküttega veekuumuseseadmed kodumajapidamises. Osa 2: Energiatarbimise hindamine** **Gas-fired domestic appliances producing hot water - Part 2: Assessment of energy consumption**

This European Standard is applicable to gas-fired appliances producing domestic hot water. It applies to both instantaneous and storage tank appliances; water-heaters and combination boilers that have: - a heat input not exceeding 70 kW; and - a hot water storage tank capacity (if any) not exceeding 500 l. In the case of combination boilers, with or without storage tank, domestic hot water production is integrated or coupled, the whole being marketed as a single unit. EN 13203-1 sets out in qualitative and quantitative terms the performance in delivery of domestic hot water for a selected variety of uses. It also gives a system for presenting the information to the user. The present document sets out a method for assessing the energy performance of the appliances. It defines a number of daily tapping cycles for each domestic hot water use, kitchen, shower, bath and a combination of these, together with corresponding test procedures, enabling the energy performances of different gas-fired appliances to be compared and matched to the needs of the user. Where other technologies are combined with a gas-fired boiler or a water heater to produce domestic hot water, specific parts of EN 13203 apply.

Keel: en

Alusdokumendid: EN 13203-2:2015

Asendab dokumenti: EVS-EN 13203-2:2006

### **EVS-EN 13561:2015**

#### **External blinds and awnings - Performance requirements including safety**

This European Standard specifies the performance requirements for blinds and awnings intended to be fitted externally to buildings and other construction works. It deals also with the significant hazards for assembly, transport, installation, operation and maintenance (see list of significant machine hazards in Annex B). It applies to all external blinds and awnings whatever their design and nature of the materials used, as follows and defined in EN 12216: — folding arm awning, trellis arm awning, pivot arm awning, slide arm awning, vertical roller blind, marquisolette, façade awning, skylight awning, conservatory awning, Pergola awning, Dutch awning, insect screen; brise-soleil. This European Standard does not cover the wind resistance of non-retractable products, e.g. Dutch awnings and brise-soleil. The structural part to which the Pergola awning is fixed is not covered. The products covered by this European Standard may be operated manually, with or without compensating springs or by means of electric motors (power operated products). However, the durability and endurance of the autonomous supply for power operated external blinds and awnings not connected to the mains supply are not covered. This European Standard deals also with all significant hazards, hazardous situations and events when external blinds and awnings are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex B). This European Standard covers external blinds and awnings mounted externally. In case such products are installed internally, they should fulfil all relevant safety requirements defined in EN 13120. The noise emission of power operated external blinds and awnings is not considered to be a relevant hazard according to the machinery health and safety requirements. Therefore this European Standard does not contain any specific requirements on noise health and safety objective.

Keel: en

Alusdokumendid: EN 13561:2015

Asendab dokumenti: EVS-EN 13561:2004+A1:2008

## **EVS-EN 13659:2015**

### **Shutters and external venetian blinds - Performance requirements including safety**

This European Standard specifies the performance requirements for shutters and external venetian blinds intended to be fitted externally to buildings and other construction works. It deals also with the significant hazards for assembly, transport, installation, operation and maintenance (see list of significant machine hazards in Annex C). It applies to all shutters and external venetian blinds whatever their use and nature of the materials used, as follows and defined in EN 12216: - external venetian blind, roller shutter, wing shutter, Venetian shutter, flat-closing concertina shutter, concertina shutter or sliding panel shutter, with or without a system of projection. These products can be operated manually with or without compensating spring, or by means of electric motors (power operated products). However, the durability and endurance of the autonomous supply for power operated shutters and external venetian blinds not connected to the mains supply are not covered. This European Standard deals also with all significant hazards, hazardous situations and events when shutters and external venetian blinds are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex D). This European Standard covers shutters and external venetian blinds mounted externally. In case such products are installed internally, they should fulfil all relevant safety requirements defined in EN 13120. The noise emission of power operated shutters and external venetian blinds is not considered to be a relevant hazard health and safety requirements. Therefore this European Standard does not contain any specific requirements on noise health and safety objective.

Keel: en

Alusdokumendid: EN 13659:2015

Asendab dokumenti: EVS-EN 13659:2004+A1:2008

## **EVS-EN 13830:2015**

### **Curtain walling - Product standard**

This European Standard specifies requirements of curtain walling kit intended to be used as a building envelope to provide weather resistance, safety in use and energy economy and heat retention and provides test/assessments/calculation methods and compliance criteria of the related performances. The curtain walling kit covered by this standard should fulfil its own integrity and mechanical stability but does not contribute to the load bearing or stability of the main building structure, and could be replaced independently of it. This standard applies to curtain walling kit ranging from a vertical position to  $\pm 15^\circ$  from the vertical. Any sloping parts should be contained within the curtain walling kit. This standard is applicable to the whole of the curtain walling kits, including the fixings. Curtain walling according to this standard is intended to be used as part of the building envelope. This European Standard does not include: - Patent glazing (glazed sloping roofs) kits; - Roof glazing constructions; - Façades made of precast concrete panels as part of the wall (see EN 14992). NOTE 1 Precast concrete panels may be used in curtain walling kits as infill panels. NOTE 2 Durability of structural sealed glazing infills is not covered by this standard.

Keel: en

Alusdokumendid: EN 13830:2015

Asendab dokumenti: EVS-EN 13830:2005

## **EVS-EN 1995-1-1:2005+A1+NA+A2**

### **Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks**

#### **Eurocode 5: Design of timber structures - Part 1-1: General - Common rules and rules for buildings**

EN 1995 on rakendatav puitkonstruktsioonide projekteerimisel (saepuit, sh hõveldatud ja ümarpuit, liimpuit, spoonliimpuit jm puidupõhised konstruktsioonid), samuti liimi või mehaaniliste sidemetega liidetud puidupõhiste plaatide projekteerimisel. Käesolev standard vastab standardiga EN 1990:2002 esitatud ohutus- ja kasutusnõuetele ning projekteerimisühendustele.

Keel: et, en

Alusdokumendid: EN 1995-1-1:2004; EN 1995-1-1:2004/A1:2008; EN 1995-1-1:2004/A2:2014; EVS-EN 1995-1-1/NA:2007+A1:2008/NA:2009

## **EVS-EN 26:2015**

### **Gas-fired instantaneous water heaters for the production of domestic hot water**

This European Standard defines the specifications and test methods concerning the construction, safety, rational use of energy and fitness for purpose, and also the classification and marking of gas-fired instantaneous water heaters for sanitary uses, hereafter called "water heaters". This European Standard applies to water heaters : - of types AAS, B11, B11BS, B12, B12BS, B13, B13BS, B14, B22, B23, B32, B33, B44, B52, B53, C11, C12, C13, C21, C22, C23, C32, C33, C42, C43, C52, C53, C62, C63, C72, C73, C82 and C83,1) ; - fitted with atmospheric burners ; - equipped with atmospheric burners assisted by a fan for the supply of combustion air or evacuation of combustion products or fully premix burners ; - using one or more combustible gases corresponding to the three gas families and at the pressures stated in accordance to EN 437 ; - of nominal heat input not exceeding 70 kW ; - with an ignition burner or with direct ignition of the main burner.

Keel: en

Alusdokumendid: EN 26:2015

Asendab dokumenti: EVS-EN 26:1999

Asendab dokumenti: EVS-EN 26:1999/A1:2001

Asendab dokumenti: EVS-EN 26:1999/A2:2004

Asendab dokumenti: EVS-EN 26:1999/A3:2006

## **EVS-EN 459-1:2015**

### **Building lime - Part 1: Definitions, specifications and conformity criteria**

The revision of this European Standard for building lime was initiated by Decision 4 taken by CEN/TC 51 "Cement and building limes" in 2013. Different sources of raw materials and different climatic conditions have led to different developments in building construction and civil engineering practices and materials and therefore to different kinds of building lime in different regions of Europe. The inclusion of a wider range of building lime which exists in Europe has made it necessary to establish a number of classes. The previous national standards for building lime generally also formed the basis for different areas of application (see Annex C (informative)). The classification chosen therefore also takes into consideration these circumstances as far as possible. For a better understanding, the standard makes a clear distinction between air lime (Clause 4) and lime with hydraulic properties (Clause 5). Depending on the composition and characteristics of the products, each clause is then divided into sub-paragraphs (calcium lime and dolomitic lime for air lime; natural hydraulic lime, formulated lime and hydraulic lime for lime with hydraulic properties) containing the appropriate definitions, specifications and conformity criteria.

Keel: en

Alusdokumendid: EN 459-1:2015

Asendab dokumenti: EVS-EN 459-1:2010

## **EVS-EN 459-3:2015**

### **Building lime - Part 3: Conformity evaluation**

This European Standard specifies the scheme for the attestation and verification of constancy of performance (AVCP) of building limes to their corresponding product standard EN 459 1. It provides rules for surveillance, assessment and evaluation of the factory production control and rules for the frequency of inspections. The European Standard specifies technical rules for factory production control by the manufacturer, including autocontrol testing of samples. It also provides rules for actions to be followed in the event of non-conformity and requirements for dispatching centres.

Keel: en

Alusdokumendid: EN 459-3:2015

Asendab dokumenti: EVS-EN 459-3:2011

## **EVS-EN 89:2015**

### **Gas-fired storage water heaters for the production of domestic hot water**

This European Standard defines the specifications and test methods for the construction, safety, rational use of energy and fitness for purpose, environment and classification and marking of gas-fired storage water heaters for domestic hot water uses, hereafter called "appliance". This standard applies to appliances : - of types B11, B11BS, C11, C12, C13, C21, C31, , C32, C33, C42, C43, C51, C52, C53, C62, C63, C72, C73, C81 connected to an individual flue duct, C82 and C83 ; - fitted with atmospheric burners ; - using one or more combustible gases corresponding to the three gas families and the pressures indicated in EN 437 ; - of nominal heat input not exceeding 150 kW (net calorific value) ; - using or not the water condensation heat in the combustion products ; - fitted with electrically operated mechanical flue dampers that are positioned downstream of the heat exchanger and tested as an integral part of the water heater. - appliances whether subject to the water mains pressure or open-circuit. This standard does not contain all the requirements necessary for : - appliances fitted with a fan on the combustion circuit ; - appliances intended to be connected to a mechanical means of evacuating the combustion products ; - appliances which fulfill a dual role of space heating and heating water for domestic hot water use ; - appliances with a combustion products discharge safety device other than that for type B11BS appliances; This standard does not contain all the necessary requirements to make it applicable to appliances with a variable combustion air flow rate.

Keel: en

Alusdokumendid: EN 89:2015

Asendab dokumenti: EVS-EN 89:2000

Asendab dokumenti: EVS-EN 89:2000/A2:2001

Asendab dokumenti: EVS-EN 89:2000/A3:2006

Asendab dokumenti: EVS-EN 89:2000/A4:2006

## **EVS-HD 60364-4-42:2011/A1:2015**

### **Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects**

Standardi EVS-HD 60364-4-42:2011 muudatus.

Keel: en, et

Alusdokumendid: IEC 60364-4-42:2010/A1:2014; HD 60364-4-42:2011/A1:2015

Muudab dokumenti: EVS-HD 60364-4-42:2011

## **EVS-HD 60364-4-42:2011+A1:2015**

### **Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects**

IEC 60364 see osa kehtib elektripaigaldiste kohta, milles on vaja rakendada meetmeid inimeste, koduloomade ja vara kaitseks — elektriseadmetest põhjustatud kuumustoimete, materjalide süttimise või lagunemise ja põletuste riski eest; — tuleoahu korral tekkivate leekide leviku eest elektripaigaldistest lähedal asuvatesse teistesse tuletõkkevaheseintega eraldatud ehitiseosadesse; — elektriseadmete, sealhulgas turvaseadmete toimivuse halvenemise eest. MÄRKUS 1 Kaitseks kuumustoimete eest võib rakendada rahvuslike õigusaktide nõudeid. MÄRKUS 2 Kaitse liigvoolude eest on sätestatud standardis IEC 60364-4-43.

Keel: en, et

Alusdokumendid: IEC 60364-4-42:2010; HD 60364-4-42:2011; IEC 60364-4-42:2010/A1:2014; HD 60364-4-42:2011/A1:2015

## 93 RAJATISED

### **EVS-EN 12699:2015**

#### **Execution of special geotechnical works - Displacement piles**

1.1 This European Standard establishes general principles for the execution of displacement piles, that means piles which are installed in the ground without excavation or removal of material from the ground except for limiting heave and/or limiting vibration as well as removal of obstructions or to assist penetration. Piles are driven into the ground using impact, vibration, pressing, screwing or a combination of these methods. 1.2 The material of displacement piles covered by this European Standard can be: - steel; - cast iron; - concrete, mortar; - timber; - grout; - combination of above. 1.3 This European Standard covers prefabricated, cast in situ, or a combination of these methods to form displacement piles of regular shape. Examples are given in Figure A.2 and Figure A.3. 1.4 Displacement piles may be installed in soils enhanced by ground improvement techniques. The ground improvement can be executed before, at the same time or after installation of the piles. 1.5 Other than practical considerations there are for the purpose of this European Standard no limitations regarding cross section dimensions, shaft or base enlargements, length or rake. 1.6 The provisions of this European Standard apply to: - single piles; - pile groups; - concrete sheet piles. 1.7 Columns constructed by ground improvement techniques (such as mixed in situ columns, jet grouting, compaction grouting, vibro flotation, stone columns) are not covered by this European Standard. Bored piles are covered in EN 1536. Steel and timber sheet pile walls are covered in EN 12063. Micropiles are covered in EN 14199.

Keel: en

Alusdokumendid: EN 12699:2015

Asendab dokumenti: EVS-EN 12699:2001

### **EVS-EN 13282-2:2015**

#### **Hydraulic road binders - Part 2: Normal hardening hydraulic road binders - Composition, specifications and conformity criteria**

-This European Standard defines and gives the specifications for normal hardening hydraulic road binders, produced in a factory and supplied ready for treatment of materials for bases, sub-bases and capping layers as well as earthworks, in road, railway, airport and other types of infrastructures. It includes the mechanical, physical and chemical requirements and the classification of these binders based on their compressive strength at 56 days. It also includes the conformity criteria and evaluation procedures to be applied by the manufacturer.

Keel: en

Alusdokumendid: EN 13282-2:2015

### **EVS-EN 14199:2015**

#### **Execution of special geotechnical works - Micropiles**

1.1 This European Standard establishes general principles for the execution of micropiles. They are for drilled piles constructed using a drilling tool with a diameter less than 300 mm. NOTE 1 This European Standard is not applicable to driven piles, the execution of which is governed by EN 12699. NOTE 2 For a definition of shaft diameter see 3.3. 1.2 Micropiles are structural members to transfer actions to the ground and can contain bearing elements to transfer directly or indirectly loads and or to limit deformations. For examples of micropiles see Figure 1, Figure 2 and Figure 3. Their shaft and base resistance can be improved (mostly by grouting) and they can be constructed with (see Figure 4): - uniform cross section (straight shaft); or - telescopically changing shaft dimensions; - shaft enlargements; and/or - base enlargement. 1.3 Other than practical considerations, there are no limitations regarding, length, inclination (definition of inclination, see Figure 5), slenderness ratio or shaft and base enlargements. 1.4 The provisions of this European Standard apply to (see Figure 6): - single micropiles; - micropile groups; - reticulated micropiles; - micropile walls. 1.5 The material of micropiles covered by this European Standard can be: - steel or other reinforcement materials; - grout, mortar or concrete; - a combination of above. 1.6 Micropiles can be used for: - working under restricted access and/or headroom conditions; - foundations of new structures (particularly in very heterogeneous soil or rock formations); - reinforcing or strengthening of existing structures to increase the capacity to transfer load to depth with acceptable load settlement characteristics, e.g. underpinning works; - reducing settlements and/or displacements; - forming a retaining wall; - reinforcing of soil to form a bearing and/or retaining structure; - improving slope stability; - securing against uplift; - other applications where micropile techniques are appropriate. 1.7 Deep mixing columns according to EN 14679 are not included in this European Standard. Columns constructed by jet grouting are covered by EN 12716. Ground anchors are covered by EN 1537.

Keel: en

Alusdokumendid: EN 14199:2015

Asendab dokumenti: EVS-EN 14199:2005

### **EVS-EN 14389-1:2015**

#### **Road traffic noise reducing devices - Procedures for assessing long term performance - Part 1: Acoustical characteristics**

This European Standard specifies requirements for assessing the working life and provides the relevant exposure conditions. Standards of construction and any material tests conducted should provide evidence of resistance to specified conditions selected from the following: I. Chemical Agents - Location dependent II. De-icing salt - Location/climate dependent III. Dirty water/dust - Location/climate dependent IV. Dew - Climate dependent V. Freeze/thaw - Climate dependent VI. Cold - Climate dependent

Keel: en

Alusdokumendid: EN 14389-1:2015

Asendab dokumenti: EVS-EN 14389-1:2007



## **EVS-EN 14389-2:2015**

### **Road traffic noise reducing devices - Procedures for assessing long term performance - Part 2: Non-acoustical characteristics**

This European Standard specifies requirements for assessing the working life and provides the relevant exposure conditions. Standards of construction and any material tests conducted should provide evidence of resistance to specified conditions selected from the following: I. Chemical Agents Location dependent II. De-icing salt Location/climate Dependent III. Dirty water/dust Location/ Climate dependent IV. Dew Climate dependent V. Freeze/thaw Climate dependent VI. Cold Climate dependent VII. Heat Climate dependent VIII. UV Radiation Climate dependent IX. Traffic Vibration Location dependent X. Biological Process Climate dependent XI. Ozone Location dependent XII. Water Climate dependent XIII. Water spray Location Wet/dry dependent NOTE Special care has to be taken for combinations of different materials, whether inside a single device or in combination with other devices (for example: a combination of different acoustic elements or another combination of acoustic and structural elements)

Keel: en

Alusdokumendid: EN 14389-2:2015

Asendab dokumenti: EVS-EN 14389-2:2004

## **EVS-EN ISO 18674-1:2015**

### **Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 1: General rules (ISO 18674-1:2015)**

This Standard applies to performance monitoring of the ground, structures interacting with the ground and geotechnical works. Specifically, this Standard is applicable to field instrumentation and measurements carried out in connection with site investigations of soils and rocks in accordance with EN 1997-2; in connection with the Observational Design procedure in accordance with EN 1997-1; for ground behaviour evaluation, e.g. unstable slopes, consolidation etc or the proof or follow-up of a new equilibrium within the ground, after disturbance of its natural state by construction measures (e.g. foundation loads, excavation of soil, tunnelling); for the proof or follow-up of the stability, serviceability and safety of structures which may be influenced by geotechnical construction; for perpetuation of evidence; for the evaluation and control of geotechnical work.

Keel: en

Alusdokumendid: ISO 18674-1:2015; EN ISO 18674-1:2015

## **97 OLME. MEELELAHUTUS. SPORT**

## **EVS-EN 15567-1:2015**

### **Sports and recreational facilities - Ropes courses - Part 1: Construction and safety requirements**

This European Standard applies to permanent and mobile ropes courses and their components. This European Standard specifies safety requirements for the design, construction, inspection and maintenance of ropes courses and their components. This European Standard does not apply to temporary ropes courses (see 3.3) and children's play grounds (see EN 1176 all parts). For the use of ropes courses EN 15567 2 applies.

Keel: en

Alusdokumendid: EN 15567-1:2015

Asendab dokumenti: EVS-EN 15567-1:2008

## **EVS-EN 15567-2:2015**

### **Sports- and recreational facilities - Ropes courses - Part 2: Operation requirements**

This European Standard applies to the operation of ropes courses as defined in EN 15567 1. This European Standard specifies operational requirements to ensure an appropriate level of safety and service when used for recreational, training, educational or therapeutic purposes.

Keel: en

Alusdokumendid: EN 15567-2:2015

Asendab dokumenti: EVS-EN 15567-2:2008

## **EVS-EN 60335-1:2012+A11:2014**

### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded Household and similar electrical appliances - Safety - Part 1: General requirements**

This European Standard deals with the safety of electrical appliances for household environment and commercial purposes, their rated voltage being not more than 250 V for single-phase and 480 V for others. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. NOTE Z1 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: - in shops, offices and other similar working environments; - in farm houses; - by clients in hotels, motels and other residential type environments; - in bed and breakfast type environments.

Keel: en

Alusdokumendid: EN 60335-1:2012; IEC 60335-1:2010; EN 60335-1:2012/A11:2014; EN 60335-1:2012/AC:2014

**EVS-EN 60335-2-30:2010/AC:2015**

**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded  
ruumikütteseadmetele**

**Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for  
room heaters**

Corrigendum to EN 60335-2-30:2009

Keel: en

Alusdokumendid: EN 60335-2-30:2009/AC:2014

Parandab dokumenti: EVS-EN 60335-2-30:2010

# ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### CEN/TS 15989:2010

#### Firefighting vehicles and equipment - Symbols for operator controls and other displays

Keel: en

Alusdokumendid: CEN/TS 15989:2010

Asendatud järgmise dokumendiga: CEN/TS 15989:2015

### EVS-EN 15987:2011

#### Leather - Terminology - Key definitions for the leather trade

Keel: en

Alusdokumendid: EN 15987:2011

Asendatud järgmise dokumendiga: EVS-EN 15987:2015

### EVS-EN 459-1:2010

#### Ehituslubid. Osa 1: Määratlused, spetsifikatsioon ja vastavuskriteeriumid Building lime - Part 1: Definitions, specifications and conformity criteria

Keel: en, et

Alusdokumendid: EN 459-1:2010

Asendatud järgmise dokumendiga: EVS-EN 459-1:2015

## 03 TEENUSED. ETTEVÖTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

### CEN/TS 14014:2006

#### Postiteenused. Hübriidpost. Dokumenditüüpide definitsioonid kliendist kuni operaatorini: üldkasutatavad tähistusmallid Postal services - Hybrid Mail - XML definition of encapsulation of letters for automated postal handling

Keel: en

Alusdokumendid: CEN/TS 14014:2006

Asendatud järgmise dokumendiga: CEN/TS 14014:2015

## 11 TERVISEHOOLDUS

### EVS-EN 45502-1:2000

#### Aktiivsed implanteeritavad meditsiiniseadmed. Osa 1: Üldised ohutusnõuded, tootja antav märgistus ja informatsioon Active implantable medical devices - Part 1: General requirements for safety, marking and information to be provided by the manufacturer

Keel: en, et

Alusdokumendid: EN 45502-1:1997

Asendatud järgmise dokumendiga: EVS-EN 45502-1:2015

### EVS-EN 455-2:2009+A2:2013

#### Ühekordselt kasutatavad meditsiinilised kindad. Osa 2: Nõuded füüsikalistele omadustele ja katsetamine Medical gloves for single use - Part 2: Requirements and testing for physical properties

Keel: en, et

Alusdokumendid: EN 455-2:2009+A2:2013

Asendatud järgmise dokumendiga: EVS-EN 455-2:2015

### EVS-EN 60601-1-11:2010

#### Elektrilised meditsiiniseadmed. Osa 1-11: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Nõuded koduses ravikeskkonnas kasutatavatele elektrilistele meditsiiniseadmetele ja -süsteemidele

**Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment**

Keel: en

Alusdokumendid: IEC 60601-1-11:2010; EN 60601-1-11:2010

Asendatud järgmise dokumendiga: EVS-EN 60601-1-11:2015

**EVS-EN 60601-2-10:2002**

**Elektrilised meditsiiniseadmed. Osa 2-10: Erinõuded närvi- ja lihastestimulaatorite ohutusele**  
**Medical electrical equipment - Part 2-10: Particular requirements for the safety of nerve and muscle stimulators**

Keel: en

Alusdokumendid: IEC 60601-2-10:1987+A1:2001; EN 60601-2-10:2000; EN 60601-2-10:2000/A1:2001

Asendatud järgmise dokumendiga: EVS-EN 60601-2-10:2015

**EVS-EN 60601-2-11:2001**

**Elektrilised meditsiiniseadmed. Osa 2-11: Erinõuded gammakiireteraapia instrumentide ohutusele**

**Medical electrical equipment - Part 2-11: Particular requirements for the safety of gamma beam therapy equipment**

Keel: en

Alusdokumendid: IEC 60601-2-11:1997; EN 60601-2-11:1997

Asendatud järgmise dokumendiga: EVS-EN 60601-2-11:2015

Muudetud järgmise dokumendiga: EVS-EN 60601-2-11:2001/A1:2004

**EVS-EN 60601-2-11:2001/A1:2004**

**Elektrilised meditsiiniseadmed. Osa 2-11: Erinõuded gammakiireteraapia instrumentide ohutusele**

**Medical electrical equipment - Part 2-11: Particular requirements for the safety of gamma beam therapy equipment**

Keel: en

Alusdokumendid: IEC 60601-2-11:1997/A1:2004; EN 60601-2-11:1997/A1:2004

Asendatud järgmise dokumendiga: EVS-EN 60601-2-11:2015

**EVS-EN 60601-2-17:2004**

**Elektrilised meditsiiniseadmed. Osa 2-17: Automaatjuhtimis- ja järellaadimisega brahhüteraapiaseadmete üldised ohutusnõuded**

**Medical electrical equipment - Part 2-17: Particular requirements for the safety of automatically-controlled brachytherapy afterloading equipment**

Keel: en

Alusdokumendid: IEC 60601-2-17:2004; EN 60601-2-17:2004

Asendatud järgmise dokumendiga: EVS-EN 60601-2-17:2015

**EVS-EN 60601-2-24:2001**

**Elektrilised meditsiiniseadmed. Osa 2-24: Erinõuded infusioonpumpade ja kontrolleri ohutusele**

**Medical electrical equipment - Part 2-24: Particular requirements for the safety of infusion pumps and controllers**

Keel: en

Alusdokumendid: IEC 60601-2-24:1998; EN 60601-2-24:1998

Asendatud järgmise dokumendiga: EVS-EN 60601-2-24:2015

**EVS-EN 60601-2-26:2003**

**Elektrilised meditsiiniseadmed. Osa 2-26: Erinõuded elektroentsefalograafide ohutusele**

**Medical electrical equipment - Part 2-26: Particular requirements for the safety of electroencephalographs**

Keel: en

Alusdokumendid: IEC 60601-2-26:2002; EN 60601-2-26:2003

Asendatud järgmise dokumendiga: EVS-EN 60601-2-26:2015

**EVS-EN 60601-2-3:2001**

**Elektrilised meditsiiniseadmed. Osa 2: Erinõuded lühilaineraviseadmestiku ohutusele**

## **Medical electrical equipment - Part 2: Particular requirements for the safety of short-wave therapy equipment**

Keel: en

Alusdokumendid: IEC 601-2-3:1991; EN 60601-2-3:1993

Asendatud järgmise dokumendiga: EVS-EN 60601-2-3:2015

### **EVS-EN 60601-2-36:2001**

#### **Elektrilised meditsiiniseadmed. Osa 2: Erinõuded kehaväliselt indutseeritud kivipurustusseadmetiku ohutusele**

#### **Medical electrical equipment - Part 2: Particular requirements for the safety of equipment for extracorporeally induced lithotripsy**

Keel: en

Alusdokumendid: IEC 60601-2-36:1997; EN 60601-2-36:1997

Asendatud järgmise dokumendiga: EVS-EN 60601-2-36:2015

### **EVS-EN 60601-2-47:2003**

#### **Elektrilised meditsiiniseadmed. Osa 2-47: Erinõuded ambulatoorsete elektrokardiograafiasüsteemide ohutusele, sealhulgas olulisele jõudlusele**

#### **Medical electrical equipment - Part 2-47: Particular requirements for the safety, including essential performance, of ambulatory electrocardiographic systems**

Keel: en

Alusdokumendid: IEC 60601-2-47:2001; EN 60601-2-47:2001

Asendatud järgmise dokumendiga: EVS-EN 60601-2-47:2015

### **EVS-EN 60627:2003**

#### **Diagnostilised röntgenpildiseadmed. Üldotstarbeliste ja mammograafiliste hajukiirtevõrede karakteristikud**

#### **Diagnostic X-ray imaging equipment - Characteristics of general purpose and mammographic anti-scatter grids**

Keel: en

Alusdokumendid: IEC 60627:2001; EN 60627:2001

Asendatud järgmise dokumendiga: EVS-EN 60627:2015

### **EVS-EN ISO 16061:2010**

#### **Instrumentid kasutamiseks mitteaktiivsete kirurgiliste implantaatidega. Üldnõuded Instrumentation for use in association with non-active surgical implants - General requirements**

Keel: en

Alusdokumendid: ISO 16061:2008; EN ISO 16061:2009

Asendatud järgmise dokumendiga: EVS-EN ISO 16061:2015

### **EVS-EN ISO 24234:2004**

#### **Dentistry - Mercury and alloys for dental amalgam**

Keel: en

Alusdokumendid: ISO 24234:2004; EN ISO 24234:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 24234:2015

Muudetud järgmise dokumendiga: EVS-EN ISO 24234:2004/A1:2011

### **EVS-EN ISO 24234:2004/A1:2011**

#### **Dentistry - Mercury and alloys for dental amalgam - Amendment 1: Requirements for marking and manufacturer's instructions concerning mercury (ISO 24234:2004/A1:2011)**

Keel: en

Alusdokumendid: ISO 24234:2004/A1:2011; EN ISO 24234:2004/A1:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 24234:2015

## **13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**

### **CEN/TR 14742:2006**

#### **Characterization of sludges - Laboratory chemical conditioning procedure**

Keel: en

Alusdokumendid: CEN/TR 14742:2006

Asendatud järgmise dokumendiga: EVS-EN 14742:2015

### **CEN/TS 15989:2010**

#### **Firefighting vehicles and equipment - Symbols for operator controls and other displays**

Keel: en

Alusdokumendid: CEN/TS 15989:2010

Asendatud järgmise dokumendiga: CEN/TS 15989:2015

### **EVS-EN 13094:2008**

#### **Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

Keel: en

Alusdokumendid: EN 13094:2008

Asendatud järgmise dokumendiga: EVS-EN 13094:2015

Parandatud järgmise dokumendiga: EVS-EN 13094:2008/AC:2008

Parandatud järgmise dokumendiga: EVS-EN 13094:2008/AC:2009

### **EVS-EN 13094:2008/AC:2008**

#### **Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

Keel: en

Alusdokumendid: EN 13094:2008/AC:2008

Asendatud järgmise dokumendiga: EVS-EN 13094:2015

### **EVS-EN 13094:2008/AC:2009**

#### **Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

Keel: en

Alusdokumendid: EN 13094:2008/AC:2009

Asendatud järgmise dokumendiga: EVS-EN 13094:2015

### **EVS-EN 60601-2-11:2001**

#### **Elektrilised meditsiiniseadmed. Osa 2-11: Erinõuded gammakiireteraapia instrumentide ohutusele**

#### **Medical electrical equipment - Part 2-11: Particular requirements for the safety of gamma beam therapy equipment**

Keel: en

Alusdokumendid: IEC 60601-2-11:1997; EN 60601-2-11:1997

Asendatud järgmise dokumendiga: EVS-EN 60601-2-11:2015

Muudetud järgmise dokumendiga: EVS-EN 60601-2-11:2001/A1:2004

### **EVS-EN 60601-2-11:2001/A1:2004**

#### **Elektrilised meditsiiniseadmed. Osa 2-11: Erinõuded gammakiireteraapia instrumentide ohutusele**

#### **Medical electrical equipment - Part 2-11: Particular requirements for the safety of gamma beam therapy equipment**

Keel: en

Alusdokumendid: IEC 60601-2-11:1997/A1:2004; EN 60601-2-11:1997/A1:2004

Asendatud järgmise dokumendiga: EVS-EN 60601-2-11:2015

## **17 METROLOOGIA JA MÕOTMINE. FÜSIKALISED NÄHTUSED**

### **EVS-EN 29295:1999**

#### **Akustika. Arvuti ja kontoriseadmete kõrgsagedusmüra mõõtmine**

#### **Acoustics - Measurement of high-frequency noise emitted by computer and business equipment**

Keel: en

Alusdokumendid: ISO 9295:1988; EN 29295:1991

Asendatud järgmise dokumendiga: EVS-EN ISO 9295:2015

### **EVS-EN ISO 1683:2008**

#### **Acoustics - Preferred reference values for acoustical and vibratory levels**

Keel: en

Alusdokumendid: ISO 1683:2008; EN ISO 1683:2008

Asendatud järgmise dokumendiga: EVS-EN ISO 1683:2015

## 19 KATSETAMINE

### **EVS-EN 60601-2-17:2004**

**Elektrilised meditsiiniseadmed. Osa 2-17: Automaatjuhtimis- ja järellaadimisega brahhüteraapiaseadmete üldised ohutusnõuded**  
**Medical electrical equipment - Part 2-17: Particular requirements for the safety of automatically-controlled brachytherapy afterloading equipment**

Keel: en

Alusdokumendid: IEC 60601-2-17:2004; EN 60601-2-17:2004

Asendatud järgmise dokumendiga: EVS-EN 60601-2-17:2015

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### **EVS-EN 13094:2008**

**Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

Keel: en

Alusdokumendid: EN 13094:2008

Asendatud järgmise dokumendiga: EVS-EN 13094:2015

Parandatud järgmise dokumendiga: EVS-EN 13094:2008/AC:2008

Parandatud järgmise dokumendiga: EVS-EN 13094:2008/AC:2009

### **EVS-EN 13094:2008/AC:2008**

**Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

Keel: en

Alusdokumendid: EN 13094:2008/AC:2008

Asendatud järgmise dokumendiga: EVS-EN 13094:2015

### **EVS-EN 13094:2008/AC:2009**

**Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction**

Keel: en

Alusdokumendid: EN 13094:2008/AC:2009

Asendatud järgmise dokumendiga: EVS-EN 13094:2015

### **EVS-EN 14071:2005**

**Vedelgaasi mahutite ülerõhu kaitseklapid. Abiseadmed**  
**Pressure relief valves for LPG tanks - Ancillary equipment**

Keel: en, et

Alusdokumendid: EN 14071:2004

Asendatud järgmise dokumendiga: EVS-EN 14071:2015

## 25 TOOTMISTEHNOLLOOGIA

### **EVS-EN 60519-1:2011**

**Ohutus elekterkuumutuspaigaldistes. Osa 1: Üldnõuded**  
**Safety in electroheating installations - Part 1: General requirements**

Keel: en

Alusdokumendid: IEC 60519-1:2010; EN 60519-1:2011

Asendatud järgmise dokumendiga: EVS-EN 60519-1:2015

Parandatud järgmise dokumendiga: EVS-EN 60519-1:2011/AC:2012

### **EVS-EN 60519-1:2011/AC:2012**

**Ohutus elekterkuumutuspaigaldistes. Osa 1: Üldnõuded**  
**Safety in electroheating installations - Part 1: General requirements**

Keel: en

Alusdokumendid: IEC 60519-1/Cor 1:2012; Puudub

Asendatud järgmise dokumendiga: EVS-EN 60519-1:2015

### **EVS-EN 62135-2:2008**

#### **Takistuskeevitusseadmed. Osa 2: Elektromagnetilise ühilduvuse nõuded Resistance welding equipment - Part 2: Electromagnetic compatibility (EMC) requirements**

Keel: en

Alusdokumendid: IEC 62135-2:2007; EN 62135-2:2008

Asendatud järgmise dokumendiga: EVS-EN 62135-2:2015

### **EVS-EN 62541-7:2012**

#### **OPC unified architecture - Part 7: Profiles**

Keel: en

Alusdokumendid: IEC 62541-7:2012; EN 62541-7:2012

Asendatud järgmise dokumendiga: EVS-EN 62541-7:2015

### **EVS-EN 62541-8:2011**

#### **OPC unified architecture - Part 8: Data Access**

Keel: en

Alusdokumendid: IEC 62541-8:2011; EN 62541-8:2011

Asendatud järgmise dokumendiga: EVS-EN 62541-8:2015

### **EVS-EN 62541-9:2012**

#### **OPC unified architecture - Part 9: Alarms and conditions**

Keel: en

Alusdokumendid: IEC 62541-9:2012; EN 62541-9:2012

Asendatud järgmise dokumendiga: EVS-EN 62541-9:2015

## **29 ELEKTROTEHNIKA**

### **CLC/TS 50238-2:2010**

#### **Railway applications - Compatibility between rolling stock and train detection systems - Part 2: Compatibility with track circuits**

Keel: en

Alusdokumendid: CLC/TS 50238-2:2010

Asendatud järgmise dokumendiga: CLC/TS 50238-2:2015

Parandatud järgmise dokumendiga: CLC/TS 50238-2:2010/AC:2011

### **CLC/TS 50238-2:2010/AC:2011**

#### **Railway applications - Compatibility between rolling stock and train detection systems - Part 2: Compatibility with track circuits**

Keel: en

Alusdokumendid: CLC/TS 50238-2:2010/AC:2011

Asendatud järgmise dokumendiga: CLC/TS 50238-2:2015

### **EVS-EN 60079-29-2:2008**

#### **Plahvatusohtlikud keskkonnad. Osa 29-2: Gaasiandurid. Valik, paigaldamine, kasutamine ja hooldamine**

#### **Explosive atmospheres -- Part 29-2: Gas detectors - Selection, installation, use and maintenance of detectors for flammable gases and oxygen**

Keel: en

Alusdokumendid: IEC 60079-29-2:2007; EN 60079-29-2:2007

Asendatud järgmise dokumendiga: EVS-EN 60079-29-2:2015

Parandatud järgmise dokumendiga: EVS-EN 60079-29-2:2008/AC:2008

### **EVS-EN 60079-29-2:2008/AC:2008**

#### **Plahvatusohtlikud keskkonnad. Osa 29-2: Gaasiandurid. Valik, paigaldamine, kasutamine ja hooldamine**

#### **Explosive atmospheres -- Part 29-2: Gas detectors - Selection, installation, use and maintenance of detectors for flammable gases and oxygen**

Keel: en

Alusdokumendid: EN 60079-29-2:2007/Corr:2007

Asendatud järgmise dokumendiga: EVS-EN 60079-29-2:2015



### **EVS-EN 60885-3:2003**

#### **Electrical test methods for electric cables - Part 3: Test methods for partial discharge measurements on lengths of extruded power cables**

Keel: en

Alusdokumendid: IEC 60885-3:1988; EN 60885-3:2003

Asendatud järgmise dokumendiga: EVS-EN 60885-3:2015

### **EVS-EN 60968:2013**

#### **Sisseehitatud liiteseadise üldtarbelambid. Ohutusnõuded (IEC 60968:2012)**

#### **Self-ballasted lamps for general lighting services - Safety requirements (IEC 60968:2012)**

Keel: en

Alusdokumendid: IEC 60968:2012; EN 60968:2013

Asendatud järgmise dokumendiga: EVS-EN 60968:2015

Muudetud järgmise dokumendiga: EVS-EN 60968:2013/A11:2014

### **EVS-EN 60968:2013/A11:2014**

#### **Sisseehitatud liiteseadise üldtarbelambid. Ohutusnõuded**

#### **Self-ballasted lamps for general lighting services - Safety requirements**

Keel: en

Alusdokumendid: EN 60968:2013/A11:2014

Asendatud järgmise dokumendiga: EVS-EN 60968:2015

### **EVS-EN 61347-1:2008**

#### **Lampide juhtimisseadised. Osa 1: Üld- ja ohutusnõuded**

#### **Lamp controlgear -- Part 1: General and safety requirements**

Keel: en

Alusdokumendid: IEC 61347-1:2007; EN 61347-1:2008

Asendatud järgmise dokumendiga: EVS-EN 61347-1:2015

Muudetud järgmise dokumendiga: EN 61347-1:2008/FprA3

Muudetud järgmise dokumendiga: EVS-EN 61347-1:2008/A1:2011

Muudetud järgmise dokumendiga: EVS-EN 61347-1:2008/A2:2013

### **EVS-EN 61347-1:2008/A1:2011**

#### **Lampide juhtimisseadised. Osa 1: Üld- ja ohutusnõuded**

#### **Lamp controlgear - Part 1: General and safety requirements**

Keel: en

Alusdokumendid: IEC 61347-1:2007/A1:2010; EN 61347-1:2008/A1:2011

Asendatud järgmise dokumendiga: EVS-EN 61347-1:2015

### **EVS-EN 61347-1:2008/A2:2013**

#### **Lampide juhtimisseadised. Osa 1: Üld- ja ohutusnõuded (IEC 61347-1:2007/A2:2012)**

#### **Lamp controlgear - Part 1: General and safety requirements (IEC 61347-1:2007/A2:2012)**

Keel: en

Alusdokumendid: IEC 61347-1:2007/A2:2012; EN 61347-1:2008/A2:2013

Asendatud järgmise dokumendiga: EVS-EN 61347-1:2015

### **EVS-EN 62271-3:2006**

#### **High-voltage switchgear and controlgear -- Part 3: Digital interfaces based on IEC 61850**

Keel: en

Alusdokumendid: IEC 62271-3:2006; EN 62271-3:2006

Asendatud järgmise dokumendiga: EVS-EN 62271-3:2015

## **31 ELEKTROONIKA**

### **EVS-EN 60384-8:2005**

#### **Fixed capacitors for use in electronic equipment Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1**

Keel: en

Alusdokumendid: IEC 60384-8:2005; EN 60384-8:2005

Asendatud järgmise dokumendiga: EVS-EN 60384-8:2015

### **EVS-EN 60384-9:2005**

#### **Fixed capacitors for use in electronic equipment Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2**

Keel: en

Alusdokumendid: IEC 60384-9:2005; EN 60384-9:2005

Asendatud järgmise dokumendiga: EVS-EN 60384-9:2015

### **EVS-EN 61837-4:2004**

#### **Surface mounted piezoelectric devices for frequency control and selection Standard outlines and terminal lead connections Part 4: Hybrid enclosure outlines**

Keel: en

Alusdokumendid: IEC 61837-4:2004; EN 61837-4:2004

Asendatud järgmise dokumendiga: EVS-EN 61837-4:2015

## **33 SIDETEHNIKA**

### **EVS-EN 60793-1-43:2003**

#### **Optical fibres - Part 1-43: Measurement methods and test procedures - Numerical aperture**

Keel: en

Alusdokumendid: IEC 60793-1-43:2001; EN 60793-1-43:2002

Asendatud järgmise dokumendiga: EVS-EN 60793-1-43:2015

### **EVS-EN 61970-452:2014**

#### **Energy management system application program interface (EMS-API) -- Part 452: CIM Static transmission network model profiles**

Keel: en

Alusdokumendid: IEC 61970-452:2013; EN 61970-452:2013

Asendatud järgmise dokumendiga: EVS-EN 61970-452:2015

### **EVS-EN 62634:2011**

#### **Radio data system (RDS) - Receiver products and characteristics - Methods of measurements**

Keel: en

Alusdokumendid: IEC 62634:2011; EN 62634:2011

Asendatud järgmise dokumendiga: EVS-EN 62634:2015

## **35 INFOTEHNOLOOGIA. KONTORISEADMED**

### **CEN/TS 14014:2006**

#### **Postiteenused. Hübridipost. Dokumenditüüpide definitsioonid kliendist kuni operaatorini: üldkasutatavad tähistusmallid**

#### **Postal services - Hybrid Mail - XML definition of encapsulation of letters for automated postal handling**

Keel: en

Alusdokumendid: CEN/TS 14014:2006

Asendatud järgmise dokumendiga: CEN/TS 14014:2015

### **EVS-EN 29295:1999**

#### **Akustika. Arvuti ja kontoriseadmete kõrgsagedusmüra mõõtmine**

#### **Acoustics - Measurement of high-frequency noise emitted by computer and business equipment**

Keel: en

Alusdokumendid: ISO 9295:1988; EN 29295:1991

Asendatud järgmise dokumendiga: EVS-EN ISO 9295:2015

### **EVS-EN 60950-1:2006**

#### **Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded**

#### **Information technology equipment - Safety - Part 1: General requirements**

Keel: en

Alusdokumendid: IEC 60950-1:2005; EN 60950-1:2006

Asendatud järgmise dokumendiga: EVS-EN 62368-1:2014

Muudetud järgmise dokumendiga: EVS-EN 60950-1:2006/A1:2010

Muudetud järgmise dokumendiga: EVS-EN 60950-1:2006/A11:2009

Muudetud järgmise dokumendiga: EVS-EN 60950-1:2006/A12:2011

Muudetud järgmise dokumendiga: EVS-EN 60950-1:2006/A2:2013  
Parandatud järgmise dokumendiga: EVS-EN 60950-1:2006/AC:2011

#### **EVS-EN 60950-1:2006/A1:2010**

### **Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded Information technology equipment - Safety - Part 1: General requirements**

Keel: en  
Alusdokumendid: IEC 60950-1:2005/A1:2009; EN 60950-1:2006/A1:2010  
Asendatud järgmise dokumendiga: EVS-EN 62368-1:2014

#### **EVS-EN 60950-1:2006/A11:2009**

### **Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded Information technology equipment - Safety - Part 1: General requirements**

Keel: en  
Alusdokumendid: EN 60950-1:2006/A11:2009  
Asendatud järgmise dokumendiga: EVS-EN 62368-1:2014

#### **EVS-EN 60950-1:2006/A12:2011**

### **Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded Information technology equipment - Safety - Part 1: General requirements**

Keel: en  
Alusdokumendid: EN 60950-1:2006/A12:2011  
Asendatud järgmise dokumendiga: EVS-EN 62368-1:2014

#### **EVS-EN 60950-1:2006/A2:2013**

### **Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded Information technology equipment - Safety - Part 1: General requirements**

Keel: en  
Alusdokumendid: IEC 60950-1:2005/A2:2013; EN 60950-1:2006/A2:2013  
Asendatud järgmise dokumendiga: EVS-EN 62368-1:2014

## **45 RAUDTEETEHNIKA**

#### **CLC/TS 50238-2:2010**

### **Railway applications - Compatibility between rolling stock and train detection systems - Part 2: Compatibility with track circuits**

Keel: en  
Alusdokumendid: CLC/TS 50238-2:2010  
Asendatud järgmise dokumendiga: CLC/TS 50238-2:2015  
Parandatud järgmise dokumendiga: CLC/TS 50238-2:2010/AC:2011

#### **CLC/TS 50238-2:2010/AC:2011**

### **Railway applications - Compatibility between rolling stock and train detection systems - Part 2: Compatibility with track circuits**

Keel: en  
Alusdokumendid: CLC/TS 50238-2:2010/AC:2011  
Asendatud järgmise dokumendiga: CLC/TS 50238-2:2015

## **55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID**

#### **EVS-EN 14634:2010**

### **Glass packaging - 26 H 180 crown finish - Dimensions**

Keel: en  
Alusdokumendid: EN 14634:2010  
Asendatud järgmise dokumendiga: EVS-EN ISO 12821:2015

#### **EVS-EN 15904:2010**

### **Glass packaging - Standard tolerances for flaconnage**

Keel: en  
Alusdokumendid: EN 15904:2010  
Asendatud järgmise dokumendiga: EVS-EN ISO 12818:2015

## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

### **EVS-EN 15987:2011**

#### **Leather - Terminology - Key definitions for the leather trade**

Keel: en

Alusdokumendid: EN 15987:2011

Asendatud järgmise dokumendiga: EVS-EN 15987:2015

### **EVS-EN ISO 10319:2008**

#### **Geotekstiil. Tõmbekatse kogulaiuses Geosynthetics - Wide-width tensile test**

Keel: en

Alusdokumendid: ISO 10319:2008; EN ISO 10319:2008

Asendatud järgmise dokumendiga: EVS-EN ISO 10319:2015

## 67 TOIDUAINETE TEHNOLOOGIA

### **EVS-EN 15948:2012**

#### **Teraviljad. Niiskuse- ja proteiinisalduse määramine. Lähi-infrapunaspektroskoopial põhineva meetodi kasutamine tervete terade analüüsimiseks Cereals - Determination of moisture and protein - Method using Near-Infrared-Spectroscopy in whole kernels**

Keel: en, et

Alusdokumendid: EN 15948:2012

Asendatud järgmise dokumendiga: EVS-EN 15948:2015

### **EVS-EN ISO 15304:2002**

#### **Animal and vegetable fats and oils - Determination of the content of trans fatty acid isomers of vegetable fats and oils - Gas chromatographic method**

Keel: en

Alusdokumendid: ISO15304:2002; EN ISO 15304:2002+AC:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 12966-1:2014

Asendatud järgmise dokumendiga: prEN ISO 12966-4

Parandatud järgmise dokumendiga: EVS-EN ISO 15304:2002/AC:2013

### **EVS-EN ISO 6647-1:2007**

#### **Rice - Determination of amylose content - Part 1: Reference method**

Keel: en

Alusdokumendid: ISO 6647-1:2007; EN ISO 6647-1:2007

Asendatud järgmise dokumendiga: EVS-EN ISO 6647-1:2015

### **EVS-EN ISO 6647-2:2007**

#### **Rice - Determination of amylose content - Part 2: Routine methods**

Keel: en

Alusdokumendid: ISO 6647-2:2007; EN ISO 6647-2:2007

Asendatud järgmise dokumendiga: EVS-EN ISO 6647-2:2015

## 75 NAFTA JA NAFTATEHNOLOOGIA

### **CEN/TR 15745:2008**

#### **Liquid petroleum products - Determination of hydrocarbon types and oxygenates via multidimensional gas chromatography method - Round Robin research report**

Keel: en

Alusdokumendid: CEN/TR 15745:2008

Asendatud järgmise dokumendiga: CEN/TR 15745:2015

### **EVS-EN 14161:2011**

#### **Petroleum and natural gas industries - Pipeline transportation systems (ISO 13623:2009 modified)**

Keel: en

Alusdokumendid: ISO 13623:2009; EN 14161:2011

Asendatud järgmise dokumendiga: EVS-EN 14161:2011+A1:2015

### **EVS-EN 15104:2011**

#### **Solid biofuels - Determination of total content of carbon, hydrogen and nitrogen - Instrumental methods**

Keel: en

Alusdokumendid: EN 15104:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 16948:2015

## **77 METALLURGIA**

### **CEN/TS 13388:2013**

#### **Copper and copper alloys - Compendium of compositions and products**

Keel: en

Alusdokumendid: CEN/TS 13388:2013

Asendatud järgmise dokumendiga: CEN/TS 13388:2015

## **83 KUMMI- JA PLASTITÖÖSTUS**

### **EVS-EN 1902:2000**

#### **Adhesives - Test method for adhesives for floor coverings and wall coverings - Shear creep test**

Keel: en

Alusdokumendid: EN 1902:1999

Asendatud järgmise dokumendiga: EVS-EN 1902:2015

### **EVS-EN 1903:2009**

#### **Adhesives - Test method for adhesives for plastic or rubber floor coverings or wall coverings - Determination of dimensional changes after accelerated ageing**

Keel: en

Alusdokumendid: EN 1903:2008

Asendatud järgmise dokumendiga: EVS-EN 1903:2015

## **87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS**

### **EVS-EN 50223:2010**

#### **Kohtkindlad elektrostaatilised rakenduseseadmed süttivale helvesmaterjalile. Ohutusnõuded Stationary electrostatic application equipment for ignitable flock material - Safety requirements**

Keel: en

Alusdokumendid: EN 50223:2010

Asendatud järgmise dokumendiga: EVS-EN 50223:2015

## **91 EHITUSMATERJALID JA EHITUS**

### **EVS-EN 12217:2004**

#### **Doors - Operating forces - Requirements and classification**

Keel: en

Alusdokumendid: EN 12217:2003

Asendatud järgmise dokumendiga: EVS-EN 12217:2015

Asendatud järgmise dokumendiga: prEN 12217 - arhiiv

### **EVS-EN 13203-2:2006**

#### **Gas-fired domestic appliances producing hot water - Appliances not exceeding 70 kW heat input and 300 l water storage capacity - Part 2: Assessment of energy consumption**

Keel: en

Alusdokumendid: EN 13203-2:2006

Asendatud järgmise dokumendiga: EVS-EN 13203-2:2015

### **EVS-EN 13561:2004+A1:2008**

#### **Välirulood. Toimivus- ja ohutusnõuded KONSOLIDEERITUD TEKST**

#### **External blinds - Performance requirements including safety CONSOLIDATED TEXT**

Keel: en

Alusdokumendid: EN 13561:2004+A1:2008

Asendatud järgmise dokumendiga: EVS-EN 13561:2015

Asendatud järgmise dokumendiga: prEN 13561

### **EVS-EN 13659:2004+A1:2008**

#### **Luugid. Toimivus- ja ohuts nõuded KONSOLIDEERITUD TEKST Shutters - Performance requirements including safety CONSOLIDATED TEXT**

Keel: en

Alusdokumendid: EN 13659:2004+A1:2008

Asendatud järgmise dokumendiga: EVS-EN 13659:2015

Asendatud järgmise dokumendiga: prEN 13659

### **EVS-EN 13830:2005**

#### **Rippfassaadid. Tootestandard Curtain walling - Product standard**

Keel: en, et

Alusdokumendid: EN 13830:2003

Asendatud järgmise dokumendiga: EVS-EN 13830:2015

### **EVS-EN 26:1999**

#### **Otsesed gaasiküttel tarbevee soojendid, mis on varustatud atmosfääriõhul töötavate põletitega Gas-fired instantaneous water heaters for sanitary uses production, fitted with atmospheric burners**

Keel: en

Alusdokumendid: EN 26:1997; EN 26:1997/AC:1998

Asendatud järgmise dokumendiga: EVS-EN 26:2015

Muudetud järgmise dokumendiga: EVS-EN 26:1999/A1:2001

Muudetud järgmise dokumendiga: EVS-EN 26:1999/A2:2004

Muudetud järgmise dokumendiga: EVS-EN 26:1999/A3:2006

### **EVS-EN 26:1999/A1:2001**

#### **Otsesed gaasiküttel tarbevee soojendid, mis on varustatud atmosfääriõhul töötavate põletitega. MUUDATUS**

#### **Gas-fired instantaneous water heaters for the production of domestic hot water, fitted with atmospheric burners - AMENDMENT**

Keel: en

Alusdokumendid: EN 26:1997/A1:2000

Asendatud järgmise dokumendiga: EVS-EN 26:2015

### **EVS-EN 26:1999/A2:2004**

#### **Otsesed gaasiküttel tarbevee soojendid, mis on varustatud atmosfääriõhul töötavate põletitega Gas-fired instantaneous water heaters for sanitary uses production, fitted with atmospheric burners**

Keel: en

Alusdokumendid: EN 26:1997/A2:2004

Asendatud järgmise dokumendiga: EVS-EN 26:2015

### **EVS-EN 26:1999/A3:2006**

#### **Otsesed gaasiküttel tarbevee soojendid, mis on varustatud atmosfääriõhul töötavate põletitega Gas-fired instantaneous water heaters for the production of domestic hot water, fitted with atmospheric burners**

Keel: en

Alusdokumendid: EN 26:1997/A3:2006

Asendatud järgmise dokumendiga: EVS-EN 26:2015

### **EVS-EN 459-1:2010**

#### **Ehituslubi. Osa 1: Määratlused, spetsifikatsioon ja vastavuskriteeriumid Building lime - Part 1: Definitions, specifications and conformity criteria**

Keel: en, et

Alusdokumendid: EN 459-1:2010

Asendatud järgmise dokumendiga: EVS-EN 459-1:2015

### **EVS-EN 459-3:2011**

#### **Ehituslubi. Osa 3: Vastavushindamine Building lime - Part 3: Conformity evaluation**

Keel: en, et  
Alusdokumendid: EN 459-3:2011  
Asendatud järgmise dokumendiga: EVS-EN 459-3:2015

### **EVS-EN 89:2000**

#### **Gaasiküttega paagiveesoojendid sanitaarkasutusele Gas-fired storage water heaters for sanitary use**

Keel: en  
Alusdokumendid: EN 89:1999; EN 89:1999/A1:1999  
Asendatud järgmise dokumendiga: EVS-EN 89:2015  
Muudetud järgmise dokumendiga: EVS-EN 89:2000/A2:2001  
Muudetud järgmise dokumendiga: EVS-EN 89:2000/A3:2006  
Muudetud järgmise dokumendiga: EVS-EN 89:2000/A4:2006

### **EVS-EN 89:2000/A2:2001**

#### **Gaasiküttega paagiveesoojendid majapidamises kuuma vee saamiseks. MUUDATUS 2 Gas-fired storage water heaters for the production of domestic hot water - AMENDMENT 2**

Keel: en  
Alusdokumendid: EN 89:1999/A2:2000  
Asendatud järgmise dokumendiga: EVS-EN 89:2015

### **EVS-EN 89:2000/A3:2006**

#### **Gaasiküttega paagiveesoojendid sanitaarkasutusele Gas-fired storage water heaters for the production of domestic hot water**

Keel: en  
Alusdokumendid: EN 89:1999/A3:2006  
Asendatud järgmise dokumendiga: EVS-EN 89:2015

### **EVS-EN 89:2000/A4:2006**

#### **Gaasiküttega paagiveesoojendid sanitaarkasutusele Gas-fired storage water heaters for the production of domestic hot water**

Keel: en  
Alusdokumendid: EN 89:1999/A4:2006  
Asendatud järgmise dokumendiga: EVS-EN 89:2015

## **93 RAJATISED**

### **EVS-EN 12699:2001**

#### **Execution of special geotechnical work - Displacement piles**

Keel: en  
Alusdokumendid: EN 12699:2000  
Asendatud järgmise dokumendiga: EVS-EN 12699:2015

### **EVS-EN 14199:2005**

#### **Execution of special geotechnical works-Micropiles**

Keel: en  
Alusdokumendid: EN 14199:2005  
Asendatud järgmise dokumendiga: EVS-EN 14199:2015

### **EVS-EN 14389-1:2007**

#### **Road traffic noise reducing devices - Procedures for assessing long term performance - Part 1: Acoustical characteristics**

Keel: en  
Alusdokumendid: EN 14389-1:2007  
Asendatud järgmise dokumendiga: EVS-EN 14389-1:2015

### **EVS-EN 14389-2:2004**

#### **Road traffic noise reducing devices - Procedures for assessing long term performance - Part 2: Non-acoustical characteristics**

Keel: en  
Alusdokumendid: EN 14389-2:2004  
Asendatud järgmise dokumendiga: EVS-EN 14389-2:2015

**EVS-EN 15567-1:2008**

**Sports and recreational facilities - Ropes courses - Part 1: Construction and safety requirements**

Keel: en

Alusdokumendid: EN 15567-1:2007

Asendatud järgmise dokumendiga: EVS-EN 15567-1:2015

**EVS-EN 15567-2:2008**

**Sports- and recreational facilities - Ropes courses - Part 2: Operation requirements**

Keel: en

Alusdokumendid: EN 15567-2:2007

Asendatud järgmise dokumendiga: EVS-EN 15567-2:2015

**EVS-EN 60065:2014**

**Audio-, video- ja muud taolised elektriseadmed. Ohutusnõuded  
Audio, video and similar electronic apparatus - Safety requirements**

Keel: en

Alusdokumendid: EN 60065:2014; IEC 60065:2014

Asendatud järgmise dokumendiga: EVS-EN 62368-1:2014



# 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 huvitatul 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 arvamusküsitlusele oleva kavandi kohta on esitatud järgnev 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 kommenteerimisportaalil: <http://www.evs.ee/kommenteerimisportaal/>.

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast [standardimisprogrammist](#).

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### EN 572-1:2012/FprA1

#### **Ehitusklaas. Kaltsiumsilikaatklaasist põhitooted. Osa 1: Määratlused ja üldised füüsikalised ning mehaanilised omadused** **Glass in building - Basic soda lime silicate glass products - Part 1: Definitions and general physical and mechanical properties**

This Part of this European Standard specifies and classifies basic glass products and indicates their chemical composition, their main physical and mechanical characteristics and defines their general quality criteria. Specific dimensions and dimensional tolerances, description of faults, quality limits and designation for each basic product type are not included in this Part, but are given in other Parts of this European Standard specific to each product type: - EN 572-2 Float glass - EN 572-3 Polished wired glass - EN 572-4 Drawn sheet glass - EN 572-5 Patterned glass - EN 572-6 Wired patterned glass - EN 572-7 Wired or unwired channel shaped glass - EN 572-8 Supplied and final cut sizes - EN 572-9 Evaluation of conformity/Product standard

Keel: en

Alusdokumendid: EN 572-1:2012/FprA1

Muudab dokumenti: EVS-EN 572-1:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### FprEN 60027-2:2015

#### **Letter symbols to be used in electrical technology - Part 2: Telecommunications and electronics**

Defines rules for the use and writing of letter symbols for telecommunications and electronics.

Keel: en

Alusdokumendid: FprEN 60027-2:2015; IEC 60027-2:201X (25/520/CDV) (EQV)

Asendab dokumenti: EVS-EN 60027-2:2007

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### FprEN 923

#### **Adhesives - Terms and definitions**

This European Standard defines terms used in the adhesive industry and terms relating to adhesives in those industries that use adhesives.

Keel: en

Alusdokumendid: FprEN 923

Asendab dokumenti: EVS-EN 923:2005+A1:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN 736-2

#### **Valves - Terminology - Part 2: Definition of components of valves**

This European Standard specifies the names of components of valves and their definitions. It has the purpose to provide a uniform terminology for all components of valves. This European Standard covers components common to more than one type of valve. Names of components and definitions specific to one type of valve will be found in the relevant product or performance standard.

Keel: en

Alusdokumendid: prEN 736-2

Asendab dokumenti: EVS-EN 736-2:2000

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 5577**

#### **Non-destructive testing - Ultrasonic testing - Vocabulary (ISO/DIS 5577:2015)**

This International Standard defines the terminology used in ultrasonic non-destructive testing and forms a common basis for standards and general use.

Keel: en

Alusdokumendid: ISO/DIS 5577:2015; prEN ISO 5577

Asendab dokumenti: EVS-EN 1330-4:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEVS JUHEND 12**

#### **Eesti esindajate Euroopa ja rahvusvaheliste standardimisorganisatsioonide tehnilistesse komiteedesse ja töörühmadesse nimetamise kord ja põhimõtted**

#### **Principles and procedure to appoint Estonian delegates to participate in the technical work of European and international standards organisations**

See juhend käsitleb Eesti ekspertide osalemist Euroopa (CEN ja CENELEC) ja rahvusvaheliste (ISO ja IEC) standardimisorganisatsioonide tehniliste komiteede, projektkomiteede ja töörühmade töös. Juhend käsitleb ka osalemist Euroopa ja rahvusvaheliste standardimisorganisatsioonide töörühmade kokkulepete (CWA ja IWA) koostamises. Kirjeldatud on osalemise võimalused, osaleja määramise kord ning osaleja õigused ja kohustuse.

Keel: et

Asendab dokumenti: EVS JUHEND 12:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

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

### **prEN 16708**

#### **Beauty Salon Services - Requirements and recommendations for the provision of service**

This European Standard provides requirements and recommendations for the provision of professional beauty salon services. These services relate to the delivery of beauty treatments regardless of where the service is delivered. This European Standard provides requirements and recommendations for the delivery of safe beauty treatments performed by a beauty therapist. Recommendations are provided regarding client management to ensure client safety regarding any beauty treatments. The delivery of beauty salon services is limited to the boundaries of the qualification of the individual beauty therapists obtained through an accredited education provider. Medical procedures including aesthetic surgical procedures and cosmetic injectable procedures including sclerotherapy are excluded from the scope. Hairdressing, barbering and tattoo services are also excluded from the scope.

Keel: en

Alusdokumendid: prEN 16708

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

### **prEN 16763**

#### **Services for fire safety systems and security systems**

This European Standard specifies the general requirements for the minimum quality level of service provided by companies as well as the competencies of their involved staff charged with the planning, design, installation, commissioning, verification, handover or maintenance of fire safety systems and/or security systems, regardless whether these services are provided on-site or remotely. This European Standard is applicable to services for fire safety systems and/or security systems, which are fire detection and fire alarm systems, security alarm systems including those parts of an alarm transmission system that the service provider has contractually accepted responsibility for (except social alarm systems, alarm receiving centres and the remaining parts of alarm transmission systems) and fixed fire fighting systems and combination of such systems. This standard applies regardless of project size or company structure or size.

Keel: en

Alusdokumendid: prEN 16763

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

### **prEVS 875-1**

#### **Vara hindamine. Osa 1: Hindamise mõisted ja põhimõtted**

#### **Property valuation - Part 1: Valuation Concepts and Principles**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidi asutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard on standardisari EVS 875 "Vara hindamine" sissejuhatav osa, milles antakse ülevaade hindamisega seotud mõistetest, põhimõtetest ja eesmärkidest, mis on olulised hindamise kui kutseala mõistmiseks ning standardite rakendamiseks. Tegemist on standardi EVS 875-1:2010 "Hindamise üldised alused" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-1:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEVS 875-2

#### **Vara hindamine. Osa 2: Varade liigid**

#### **Property valuation - Part 2: Types of Properties**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidi asutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard on standardisari EVS 875 "Vara hindamine" sissejuhatav osa, milles antakse ülevaade hindamisega seotud mõistetest, põhimõtetest ja eesmärkidest, mis on olulised hindamise kui kutseala mõistmiseks ning standardite rakendamiseks. Tegemist on standardi EVS 875-2:2010 "Hindamise üldised alused" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-2:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEVS 875-3

#### **Vara hindamine. Osa 3: Hindamise alused**

#### **Property valuation - Part 3: Valuation Bases**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidi asutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard määratleb väärtused, mida vara hindamise standardid hõlmavad.

Keel: et

Asendab dokumenti: EVS 875-3:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEVS 875-4

#### **Vara hindamine. Osa 4: Hindamise head tavad ja hindamistulemuste esitamine**

#### **Property valuation - Part 4: Code of Conduct and Valuation Reporting**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidi asutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard käsitleb varade hindaja kutsemääratlust, hindaja kutse-eeskirja ja hindamistoimingu läbiviimise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. See standard on standardisari "Vara hindamine" osa, mille objektiks on hindamise head tavad ja hindamis-tulemuste esitatavate nõuete määratlemine. Tegemist on EVS 875-4:2015 "Hindamise head tavad ja hindamistulemuste esitamine" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-4:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## **07 MATEMAATIKA. LOODUSTEADUSED**

### prEN 16870

#### **Water quality - Guidance standard on determining the hydromorphological conditions of lakes**

This European Standard provides guidance on determining the degree of modification of lake hydromorphological features described in EN 16039. It enables consistent comparisons of hydromorphology between lakes within a country and between different countries in Europe, providing a method for broad based characterization across a wide spectrum of hydromorphological modification. Its primary aim is to assess 'departure from naturalness' for a given type of lake as a result of human pressures, and it suggests suitable sources of information that may contribute to characterizing the degree of modification of hydromorphological features. For wholly artificial lakes or reservoirs formed by damming rivers the aim is to assess the extent to which processes approximate to those in comparable natural water bodies. However, this standard does not replace methods that have been developed within particular countries for local assessment and reporting. Decisions on management for individual lakes require expert local knowledge and vary according to lake type.

Keel: en

Alusdokumendid: prEN 16870

Arvamusküsitluse lõppkuupäev: 08.08.2015

## 11 TERVISEHOOLDUS

### EN 60601-2-44:2009/FprA2:2015

#### Medical electrical equipment - Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography

Amendment to EN 60601-2-44:2009

Keel: en

Alusdokumendid: EN 60601-2-44:2009/FprA2:2015; IEC 60601-2-44:2009/A2:201X (62B/976/CDV) (EQV)

Muudab dokumenti: EVS-EN 60601-2-44:2009

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EVS-EN ISO 21535:2009/prA1

#### Non-active surgical implants - Joint replacement implants - Specific requirements for hip-joint replacement implants (ISO 21535:2007/DAM 1:2015)

No scope available

Keel: en

Alusdokumendid: ISO 21535:2007/DAMd 1:2015; EN ISO 21535:2009/prA1

Muudab dokumenti: EVS-EN ISO 21535:2009

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN ISO 13958

#### Concentrates for haemodialysis and related therapies (ISO 13958:2014)

This International Standard specifies minimum requirements for concentrates used for haemodialysis and related therapies. For the purpose of this International Standard, "concentrates" are a mixture of chemicals and water, or chemicals in the form of dry powder or other highly concentrated media, that are delivered to the end user to make dialysis fluid used to perform haemodialysis and related therapies. This International Standard is addressed to the manufacturer of such concentrates. In several instances in this International Standard, it became necessary to address the dialysis fluid, which is made by the end user, to help clarify the requirements for manufacturing concentrates. Because the manufacturer of the concentrate does not have control over the final dialysis fluid, any reference to dialysis fluid is for clarification and is not a requirement of the manufacturer. This International Standard includes concentrates in both liquid and powder forms. Also included are additives, also called spikes, which are chemicals that may be added to the concentrate to increase the concentration of one or more of the existing ions in the concentrate and thus in the final dialysis fluid. This International Standard also gives requirements for equipment used to mix acid and bicarbonate powders into concentrate at the user's facility. Concentrates prepared from prepackaged salts and water at a dialysis facility for use in that facility are excluded from the scope of this International Standard. Although references to dialysis fluid appear herein, this International Standard does not address dialysis fluid as made by the end user. Also excluded from the scope of this International Standard are requirements for the monitoring frequency of water purity used for the making of dialysis fluid by the dialysis facility. Recommendations from the technical committee responsible for this International Standard for monitoring water quality are contained in ISO 23500. This International Standard does not address bags of sterile dialysis fluid or sorbent dialysis fluid regeneration systems that regenerate and recirculate small volumes of the dialysis fluid.

Keel: en

Alusdokumendid: ISO 13958:2014; FprEN ISO 13958

Asendab dokumenti: EVS-EN 13867:2002+A1:2009

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN ISO 13959

#### Water for haemodialysis and related therapies (ISO 13959:2014)

This International Standard specifies minimum requirements for water to be used in haemodialysis and related therapies. This International Standard includes water to be used in the preparation of concentrates, dialysis fluids for haemodialysis, haemodiafiltration and haemofiltration, and for the reprocessing of haemodialysers. The operation of water treatment equipment and the final mixing of treated water with concentrates to produce dialysis fluid are excluded from this International Standard. Those operations are the sole responsibility of dialysis professionals. This International Standard does not apply to dialysis fluid regenerating systems.

Keel: en

Alusdokumendid: ISO 13959:2014; FprEN ISO 13959

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN ISO 26722

#### Water treatment equipment for haemodialysis applications and related therapies (ISO 26722:2014)

This International Standard is addressed to the manufacturer and/or supplier of water treatment systems and/or devices used for the express purpose of providing water for haemodialysis or related therapies.

Keel: en

Alusdokumendid: ISO 26722:2014; FprEN ISO 26722

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 25539-1 rev**

#### **Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses (ISO/DIS 25539-1:2015)**

Part 1 of ISO 25539 specifies requirements for the evaluation of endovascular systems (prostheses and delivery systems) and requirements with respect to nomenclature, design attributes and information supplied by the manufacturer, based upon current medical knowledge. Guidance for the development of in vitro test methods is included in an informative annex to this standard. This standard should be considered as a supplement to ISO 14630, which specifies general requirements for the performance of non-active surgical implants.

Keel: en

Alusdokumendid: prEN ISO 25539-1 rev; ISO/DIS 25539-1:2015

Asendab dokumenti: EVS-EN ISO 25539-1:2009

Asendab dokumenti: EVS-EN ISO 25539-1:2009/AC:2011

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 7199**

#### **Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) (ISO/DIS 7199:2015)**

This International Standard specifies requirements for sterile, single-use, extracorporeal blood-gas exchangers (oxygenators) intended for supply of oxygen to, and removal of carbon dioxide from, the blood of humans. This International Standard also applies to heat exchangers and arterials filters that are integral parts of the oxygenator. This International Standard also applies to external equipment unique to the use of the device.

Keel: en

Alusdokumendid: ISO/DIS 7199:2015; prEN ISO 7199

Asendab dokumenti: EVS-EN ISO 7199:2014

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 7787-1**

#### **Dentistry - Laboratory cutters - Part 1: Steel laboratory cutters (ISO/DIS 7787-1:2015)**

This part of ISO 7787 specifies dimensional and other requirements for the nine most commonly used steel cutters which are predominantly used in the dental laboratory. Other characteristics of laboratory cutters, for example spiralled blades or cross-cut, are not covered by this part of ISO 7787.

Keel: en

Alusdokumendid: ISO/DIS 7787-1:2015; prEN ISO 7787-1 rev

Asendab dokumenti: EVS-EN 27787-1:1999

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## **13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**

### **EVS-EN ISO 389-7:2005/prA1**

#### **Reference threshold of hearing at 20 Hz and 18 000 Hz under free-field listening conditions and at 20 Hz under diffuse-field listening conditions (ISO 389-7:2005/DAmD 1:2015)**

No scope available

Keel: en

Alusdokumendid: ISO 389-7:2005/DAmD 1; EN ISO 389-7:2005/prA1

Muudab dokumenti: EVS-EN ISO 389-7:2005

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 54-7**

#### **Fire detection and fire alarm systems - Part 7: Smoke detectors - Point detectors using scattered light, transmitted light or ionization**

This draft European Standard specifies requirements, test methods and performance criteria for point smoke detectors that operate using scattered light, transmitted light or ionization, intended for use in fire detection and fire alarm systems installed in and around buildings (see EN 54 1:2011). This European standard provides for the assessment of verification of consistency of performance (AVCP) of point smoke detectors to this EN. For other types of smoke detector, or smoke detectors working on different principles, this standard should only be used for guidance. Smoke detectors with special characteristics and developed for specific risks are not covered by this standard. NOTE Certain types of detector contain radioactive materials. The national requirements for radiation protection differ from country to country and they are not specified in this standard.

Keel: en  
Alusdokumendid: FprEN 54-7  
Asendab dokumenti: EVS-EN 54-7:2001

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 62745:2015**

#### **Safety of machinery - General requirements for cableless control systems of machinery**

This standard specifies requirements for the functionality and interfacing of cableless (for example, radio, infra-red) control systems that provide communication between operator control station(s) and the control system of a machine. Specific requirements are included for such operator control stations that are portable by the operator. NOTE 1 The part of the cableless control system that is used as an operator control station is sometimes referred to as the 'transmitter' and the part that interfaces with the machine control system is sometimes referred to as the 'receiver'. However, to take account of the possibility of bi-directional communication, this standard refers to these individual parts as the 'remote station' and the 'base station' respectively. This standard does not deal with cableless communication between parts of a machine(s) that are not operator control stations.

Keel: en  
Alusdokumendid: FprEN 62745:2015; IEC 62745:201X (44/728/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16856**

#### **Portable aerosol dispenser for fire extinguishing purposes**

This draft European Standard specifies the characteristics, performance and test methods for extinguishing aerosol dispensers, in accordance with Directive 75/324/EEC for fire extinguishing purposes. Requirements in this draft Standard are specified for products containing less than 1 kg or 1 l of extinguishing media, which can be expelled by the action of internal pressure and are intended to extinguish test fires of type A + B, or type A + F, or type A + B + F classes of EN 2. These extinguishing aerosol dispensers are intended to be used by untrained persons for domestic applications. They are not intended to be used on gas fires (class C) and metal fires (class D). Requirements are specified for minimum performance in Annex H for extinguishing test fires of type A, type B and type F classes of EN 2, as appropriate. Annex A gives the conditioning treatment to be applied to extinguishing aerosol dispensers prior to testing as described in Annex B to Annex K.

Keel: en  
Alusdokumendid: prEN 16856

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16859**

#### **Water quality - Guidance standard on monitoring freshwater pearl mussel (margaritifera margaritifera) populations and their environment**

This standard provides guidance on methods for monitoring freshwater pearl mussel populations and the environmental characteristics important for maintaining populations in favourable condition. The standard is based on best practice developed and used by Margaritifera experts in Europe, and describes approaches that individual countries have adopted for survey, data analysis and condition assessment. While it is recommended that the causes for pearl mussel decline should be urgently investigated, standard methods for restoring populations are beyond the scope of this document.

Keel: en  
Alusdokumendid: prEN 16859

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16870**

#### **Water quality - Guidance standard on determining the hydromorphological conditions of lakes**

This European Standard provides guidance on determining the degree of modification of lake hydromorphological features described in EN 16039. It enables consistent comparisons of hydromorphology between lakes within a country and between different countries in Europe, providing a method for broad based characterization across a wide spectrum of hydromorphological modification. Its primary aim is to assess 'departure from naturalness' for a given type of lake as a result of human pressures, and it suggests suitable sources of information that may contribute to characterizing the degree of modification of hydromorphological features. For wholly artificial lakes or reservoirs formed by damming rivers the aim is to assess the extent to which processes approximate to those in comparable natural water bodies. However, this standard does not replace methods that have been developed within particular countries for local assessment and reporting. Decisions on management for individual lakes require expert local knowledge and vary according to lake type.

Keel: en  
Alusdokumendid: prEN 16870

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 50131-5-3:2015**

#### **Alarm systems - Intrusion and hold-up systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques**

This European Standard applies to intrusion alarm equipment using radio frequency (RF) links and located on protected premises. It does not cover long-range radio transmissions. This European Standard defines the terms used in the field of intrusion alarm equipment using radio frequency links as well as the requirements relevant to the equipment.

Keel: en  
Alusdokumendid: prEN 50131-5-3:2015  
Asendab dokumenti: EVS-EN 50131-5-3:2005  
Asendab dokumenti: EVS-EN 50131-5-3:2005/IS1:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### prEN ISO 15012-4

### **Health and safety in welding and allied processes - Equipment for capture and separation of fume - Part 4: General requirements (ISO/DIS 15012-4:2015)**

This standard specifies general requirements for the function of equipment for capture and separation of welding fume, with a focus on avoiding unintended release of hazardous substances during its use to maintain a healthy work place atmosphere. Fulfilling the requirements specified in this standard will ensure a safe operation and functioning of the separation equipment. Enclosures are not covered by this standard.

Keel: en  
Alusdokumendid: ISO/DIS 15012-4.2:2015; prEN ISO 15012-4

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

#### FprEN 61340-5-1:2015

### **Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements**

Applies to activities that: manufacture, process, assemble, install, package, label, service, test, inspect, transport or otherwise handle electrical or electronic parts, assemblies and equipment susceptible to damage by electrostatic discharges greater than or equal to 100 V human body model (HBM). Provides the requirements for an ESD control program. The user should refer to IEC 61340-5-2 for guidance on the implementation of this standard. Does not apply to electrically initiated explosive devices, flammable liquids, gases and powders. The purpose of this standard is to provide the administrative and technical requirements for establishing, implementing and maintaining an ESD control program (hereinafter referred to as the 'program'). The main changes with respect to the previous edition are listed below: This version of IEC 61340-5-1 focuses on the requirements for an ESD control program. In addition, this version of IEC 61340-5-1 has been aligned with other major ESD control program standards used throughout the world.

Keel: en  
Alusdokumendid: IEC 61340-5-1:201X; FprEN 61340-5-1:2015  
Asendab dokumenti: EVS-EN 61340-5-1:2007

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### prEN 1793-1

### **Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions**

This European Standard specifies the laboratory method for measuring the sound absorption performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic sound absorption performance of devices that can reasonably be assembled inside the testing facility described in EN ISO 354. This method is not intended for the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed on roads in non-reverberant conditions. The test method in EN ISO 354 referred to in this European Standard excludes devices that act as weakly damped resonators. Some devices will depart significantly from these requirements and in these cases care is needed in interpreting the results.

Keel: en  
Alusdokumendid: prEN 1793-1  
Asendab dokumenti: EVS-EN 1793-1:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 19 KATSETAMINE

#### prEN ISO 5577

### **Non-destructive testing - Ultrasonic testing - Vocabulary (ISO/DIS 5577:2015)**

This International Standard defines the terminology used in ultrasonic non-destructive testing and forms a common basis for standards and general use.

Keel: en  
Alusdokumendid: ISO/DIS 5577:2015; prEN ISO 5577  
Asendab dokumenti: EVS-EN 1330-4:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

**EVS-EN 13445-2:2014/prA1**

**Unfired pressure vessels - Part 2: Materials**

Revision of table B.2.11

Keel: en

Alusdokumendid: EN 13445-2:2014/prA1

Muudab dokumenti: EVS-EN 13445-2:2014

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

**EVS-EN 13445-6:2014/FprA1**

**Leekkuumutusega surveanumad. Osa 6: Nõuded keragrafiitmalmist toodetud surveanumate ja survedetailide kavandamisele ja valmistamisele**

**Unfired pressure vessels - Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron**

Delete the existing paragraph 1 and substitute the revised scope as follows: This European Standard specifies requirements for the design, materials, manufacturing and testing of pressure vessels and pressure vessel parts intended for use with a maximum allowable pressure, PS, equal or less than: 100 bar when containing gases in group 1 or 2, 100 bar when containing liquids in group 1, 1000 bar when containing liquids in group 2, and shell wall thicknesses not exceeding 60 mm, which are constructed of ferritic or austenitic spheroidal graphite cast iron. The thickness limitation of the shell does not apply to thickness of flanges, reinforcements, bosses etc.

Keel: en

Alusdokumendid: EN 13445-6:2014/FprA1

Muudab dokumenti: EVS-EN 13445-6:2014

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

**prEN 10255**

**Keevitamiseks ja keermestamiseks sobivad süsinikterasest torud. Tehnilised tarnetingimused**

**Non-Alloy steel tubes suitable for welding and threading - Technical delivery conditions**

This draft European Standard specifies the product characteristics, test methods and performance criteria for circular, non-alloy steel tubes suitable for welding, threading and other jointing methods and provides a number of options for coatings and the finish of tube ends. This document covers two grades of steel tubes of specified outside diameter (D) 10,2 mm to 323,9 mm (thread size 1/8 to 12) in two series, medium and heavy, and three types of designated thicknesses. Tubes manufactured according to this document can be used for the conveyance of fluids as well as for other applications.

Keel: en

Alusdokumendid: prEN 10255:2010

Asendab dokumenti: EVS-EN 10255:2004+A1:2007

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

**prEN 1503-4**

**Valves - Materials for bodies, bonnets and covers - Part 4: Copper alloys specified in European Standards**

This European Standard lists copper alloys for pressure containing valve bodies, bonnets and covers which are specified in European Standards.

Keel: en

Alusdokumendid: prEN 1503-4

Asendab dokumenti: EVS-EN 1503-4:2003

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

**prEN 736-2**

**Valves - Terminology - Part 2: Definition of components of valves**

This European Standard specifies the names of components of valves and their definitions. It has the purpose to provide a uniform terminology for all components of valves. This European Standard covers components common to more than one type of valve. Names of components and definitions specific to one type of valve will be found in the relevant product or performance standard.

Keel: en

Alusdokumendid: prEN 736-2

Asendab dokumenti: EVS-EN 736-2:2000

**Arvamusküsitluse lõppkuupäev: 08.08.2015**



**EN 60745-2-3:2011/FprAD:2015****Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinatele, ketaslihvpinkidele ja poleerimisseedmetele  
Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders**

This standard applies to grinders, with a rated speed not exceeding a peripheral speed of the accessory of 80 m/s at rated capacity, polishers and disk-type sanders, including angle, straight and vertical. This standard applies to tools with a rated capacity not exceeding 230 mm.

Keel: en

Alusdokumendid: EN 60745-2-3:2011/FprAD:2015

Muudab dokumenti: EVS-EN 60745-2-3:2011

Arvamusküsitluse lõppkuupäev: 08.08.2015

**FprEN ISO 17632****Welding consumables - Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of non-alloy and fine grain steels - Classification (ISO/FDIS 17632:2015)**

This International Standard specifies requirements for classification of tubular cored electrodes with or without a gas shield for metal arc welding of non-alloy and fine grain steels in the as-welded condition or in the post-weld heat-treated condition with a minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. One tubular cored electrode can be tested and classified with different shielding gases, if any. This International Standard is a combined specification providing classification utilizing a system based upon the yield strength and the average impact energy of 47 J of all-weld metal or utilizing a system based upon the tensile strength and the average impact energy of 27 J of all-weld metal.

Keel: en

Alusdokumendid: FprEN ISO 17632; ISO/FDIS 17632:2015

Asendab dokumenti: EVS-EN ISO 17632:2008

Arvamusküsitluse lõppkuupäev: 08.08.2015

**FprEN ISO 636****Welding consumables - Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels - Classification (ISO/FDIS 636:2015)**

This International Standard specifies requirements for classification of rods and wires in the as-welded condition and in the post-weld heat-treated condition for tungsten inert gas welding of non-alloy and finegrain steels with a minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. This International Standard is a combined specification providing classification utilizing a system based upon the yield strength and the average impact energy of 47 J of all-weld metal or utilizing a system based upon the tensile strength and the average impact energy of 27 J of all-weld metal.

Keel: en

Alusdokumendid: FprEN ISO 636; ISO/FDIS 636:2015

Asendab dokumenti: EVS-EN ISO 636:2008

Arvamusküsitluse lõppkuupäev: 08.08.2015

**prEN ISO 15012-4****Health and safety in welding and allied processes - Equipment for capture and separation of fume - Part 4: General requirements (ISO/DIS 15012-4:2015)**

This standard specifies general requirements for the function of equipment for capture and separation of welding fume, with a focus on avoiding unintended release of hazardous substances during its use to maintain a healthy work place atmosphere. Fulfilling the requirements specified in this standard will ensure a safe operation and functioning of the separation equipment. Enclosures are not covered by this standard.

Keel: en

Alusdokumendid: ISO/DIS 15012-4.2:2015; prEN ISO 15012-4

Arvamusküsitluse lõppkuupäev: 08.08.2015

**prEN ISO 15614-1****Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO/DIS 15614-1:2015)**

This European Standard is part of a series of standards, details of this series are given in prEN ISO 15607, annex A. This standard specifies how a preliminary welding procedure specification is qualified by welding procedure tests. This standard defines the conditions for the execution of welding procedure tests and the range of qualification for welding procedures for all practical welding operations within the range of variables listed in clause 8. Tests shall be carried out in accordance with this standard. Additional tests may be required by application standards. This standard applies to the arc and gas welding of steels in all product forms and the arc welding of nickel and nickel alloys in all product forms Arc and gas welding are covered by the following processes in accordance with EN ISO 4063: 111 - manual metal arc welding (metal-arc welding with covered electrode); 114 -

self-shielded tubular-cored arc welding; 12 - submerged arc welding; 131 - metal inert gas welding, MIG welding; 135 - metal active gas welding, MAG welding; 136 - tubular-cored metal arc welding with active gas shield; 137 - tubular-cored metal arc welding with inert gas shield; 141 - tungsten inert gas arc welding; TIG welding; 15 - plasma arc welding; 311 - oxy-acetylene welding. The principles of this European Standard may be applied to other fusion welding processes.

Keel: en

Alusdokumendid: prEN ISO 15614-1; ISO/DIS 15614-1:2015

Asendab dokumenti: EVS-EN ISO 15614-1:2004

Asendab dokumenti: EVS-EN ISO 15614-1:2004/A1:2008

Asendab dokumenti: EVS-EN ISO 15614-1:2004/A2:2012

Asendab dokumenti: EVS-EN ISO 15614-1:2004+A1:2008

Asendab dokumenti: EVS-EN ISO 15614-1:2004+A1:2008+A2:2012

Asendab dokumenti: EVS-EN ISO 15614-1:2004+A1:2008+A2:2012/AC:2014

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN ISO 3210

#### **Anodizing of aluminium and its alloys - Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s) (ISO/DIS 3210:2015)**

No scope available

Keel: en

Alusdokumendid: ISO/DIS 3210:2015; prEN ISO 3210

Asendab dokumenti: EVS-EN ISO 3210:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN ISO 3677

#### **Filler metal for soldering and brazing - Designation (ISO/DIS 3677:2015)**

No scope available

Keel: en

Alusdokumendid: ISO/DIS 3677:2015; prEN ISO 3677

Asendab dokumenti: EVS-EN ISO 3677:1999

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 27 ELEKTRI- JA SOOJUSENERGEETIKA

### EVS-EN 16325:2013/FprA1

#### **Guarantees of Origin related to energy - Guarantees of Origin for Electricity**

Amendment to EN 16325:2013

Keel: en

Alusdokumendid: EN 16325:2013/FprA1

Muudab dokumenti: EVS-EN 16325:2013

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### FprEN 61400-25-4:2015

#### **Wind turbines - Part 25-4: Communications for monitoring and control of wind power plants - Mapping to communication profile**

IEC 61400-25-4:2008(E) specifies the specific mappings to protocol stacks encoding the messages required for the information exchange between a client and a remote server for data access and retrieval, device control, event reporting and logging, publisher/subscriber, self-description of devices (device data dictionary), data typing and discovery of data types. Covers several mappings, one of which shall be selected in order to be compliant with this part of IEC 61400-25. The IEC 61400-25 series is designed for a communication environment supported by a client-server model. Three areas are defined, that are modelled separately to ensure the scalability of implementations: wind power plant information model, information exchange model, and mapping of these two models to a standard communication profile. This publication is of high relevance for Smart Grid.

Keel: en

Alusdokumendid: FprEN 61400-25-4:2015; IEC 61400-25-4:201X (88/536/CDV) (EQV)

Asendab dokumenti: EVS-EN 61400-25-4:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### FprEN 62040-5-3:2015

#### **Uninterruptible power systems (UPS) - Part 5-3: d.c. output UPS - Performance and test requirements**

This part of IEC 62040 establishes the performance and test requirements applied to movable, stationary and fixed electronic d.c. uninterruptible power systems (d.c. UPS) that: - are supplied from an a.c. voltage source not exceeding 1 000 V; - deliver a d.c. output voltage not exceeding 1 500 V; - incorporate an energy storage device and - have a primary function to ensure continuity of d.c. power to loads. This part of IEC 62040 specifies performance and test requirements of a complete UPS and not of individual

UPS functional units. The individual UPS functional units are dealt with in IEC publications referred to in the bibliography that apply so far that they are not in contradiction with this International Standard.

Keel: en

Alusdokumendid: FprEN 62040-5-3:2015; IEC 62040-5-3:201X (22H/191/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 08.08.2015

## 29 ELEKTROTEHNIKA

### EN 60034-2-1:2007/FprAA:2015

**Pöörlevad elektrimasinad. Osa 2-1: Standardmeetodid pöörlevate elektrimasinate kadude ja kasuteguri määramiseks katselisel teel (väljaarvatult sõidukite masinad)**  
**Rotating electrical machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)**

Amendment to EN 60034-2-1:2007

Keel: en

Alusdokumendid: EN 60034-2-1:2007/FprAA:2015

Muudab dokumenti: EVS-EN 60034-2-1:2007

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 60034-30:2009/FprAA:2015

**Pöörlevad elektrimasinad. Osa 30: Ühekiiruseliste kolmefaasiliste lühisrootoriga asünkroonmootorite tõhususklassid (IE-kood)**  
**Rotating electrical machines - Part 30: Efficiency classes of single-speed, three-phase, cage-induction motors (IE-code)**

Amendment to EN 60034-30:2009

Keel: en

Alusdokumendid: EN 60034-30:2009/FprAA:2015

Muudab dokumenti: EVS-EN 60034-30:2009

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 61347-2-13:2014/FprA1:2015

**Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules**

Amendment to EN 61347-2-13:2014

Keel: en

Alusdokumendid: EN 61347-2-13:2014/FprA1:2015; IEC 61347-2-13:2014/A1:201X (34C/1143/CDV) (EQV)

Muudab dokumenti: EVS-EN 61347-2-13:2014

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 61975:2010/FprA1:2015

**High-voltage direct current (HVDC) installations - System tests**

IEC 61975:2010(E) applies to system tests for high-voltage direct current (HVDC) installations which consist of a sending terminal and a receiving terminal, each connected to an a.c. system. The tests specified in this standard are based on bidirectional and bipolar high-voltage direct current (HVDC) installations which consist of a sending terminal and a receiving terminal, each connected to an a.c. system. The test requirements and acceptance criteria should be agreed for back-to-back installations, while multi-terminal systems and voltage sourced converters are not included in this standard. For monopolar HVDC installations, the standard applies except for bipolar tests. This standard only serves as a guideline to system tests for high-voltage direct current (HVDC) installations. The standard gives potential users guidance, regarding how to plan commissioning activities. The tests described in the guide may not be applicable to all projects, but represent a range of possible tests which should be considered. This edition cancels and replaces IEC/PAS 61975 published jointly in 2004 by IEC and CIGRÉ. It constitutes a technical revision incorporating engineering experience.

Keel: en

Alusdokumendid: EN 61975:2010/FprA1:2015; IEC 61975:2010/A1:201X (22F/375/CDV) (EQV)

Muudab dokumenti: EVS-EN 61975:2010

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EVS-EN 61803:2011/FprA2:2015

**Determination of power losses in high-voltage direct current (HVDC) converter stations**

Applies to all line-commutated high-voltage direct current (HVDC) converter stations used for power exchange in utility systems. Presumes the use of 12-pulse thyristor converters but can also be used for 6-pulse thyristor converters. Presents procedures for determining the total losses of an HVDC converter station. Cover all parts, except synchronous compensators or static var compensators and address no-load operation and operating losses together with their methods of calculation which use, wherever possible, measured parameters

Keel: en

Alusdokumendid: EN 61803:1999/FprA2:2015; IEC 61803:1999/A2:201X (22F/374/CDV) (EQV)

Muudab dokumenti: EVS-EN 61803:2011

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 60700-2:2015**

#### **Thyristor valves for high voltage direct current (HVDC) power transmission - Part 2: Terminology**

This International Standard defines terms for thyristor valves for high-voltage direct current (HVDC) power transmission with line commutated converters most commonly based on three-phase bridge connections for the conversion from a.c. to d.c. and vice versa.

Keel: en

Alusdokumendid: FprEN 60700-2:2015; IEC 60700-2:201X (22F/373/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 61340-5-1:2015**

#### **Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements**

Applies to activities that: manufacture, process, assemble, install, package, label, service, test, inspect, transport or otherwise handle electrical or electronic parts, assemblies and equipment susceptible to damage by electrostatic discharges greater than or equal to 100 V human body model (HBM). Provides the requirements for an ESD control program. The user should refer to IEC 61340-5-2 for guidance on the implementation of this standard. Does not apply to electrically initiated explosive devices, flammable liquids, gases and powders. The purpose of this standard is to provide the administrative and technical requirements for establishing, implementing and maintaining an ESD control program (hereinafter referred to as the 'program'). The main changes with respect to the previous edition are listed below: This version of IEC 61340-5-1 focuses on the requirements for an ESD control program. In addition, this version of IEC 61340-5-1 has been aligned with other major ESD control program standards used throughout the world.

Keel: en

Alusdokumendid: IEC 61340-5-1:201X; FprEN 61340-5-1:2015

Asendab dokumenti: EVS-EN 61340-5-1:2007

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 63005-1:2015**

#### **Secondary cells and batteries containing alkaline or other non-acid electrolytes - Part 1: Secondary lithium cells and batteries for portable applications**

IEC 61960:2011 specifies performance tests, designations, markings, dimensions and other requirements for secondary lithium single cells and batteries for portable applications. The objective of this standard is to provide the purchasers and users of secondary lithium cells and batteries with a set of criteria with which they can judge the performance of secondary lithium cells and batteries offered by various manufacturers. This second edition cancels and replaces the first edition published in 2003. It is a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - 7.6 Endurance in cycles: addition of an accelerated test procedure.

Keel: en

Alusdokumendid: FprEN 63005-1:2015; IEC 63005-1:201X (21A/576/CDV) (EQV)

Asendab dokumenti: EVS-EN 61960:2011

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 50655-1:2015**

#### **Electric cables - Accessories - Material characterization - Part 1: Fingerprinting for resinous compounds**

This European Standard specifies the test methods and requirements of tests for fingerprinting (as defined in 3.9) of solvent-free polymerizable, reacting resinous compound intended to be used for electrical insulation and mechanical protection in cable accessories covered by EN 50393, HD 629.1 and HD 629.2, for low and medium voltage up to 20,8/36 (42) kV. Fingerprinting testing of materials does not have a mandatory link to type testing of accessories. It is regarded as stand-alone tests, but it may be carried out in combination with the accessory type tests. NOTE Information on health and safety is given in Annex A.

Keel: en

Alusdokumendid: prEN 50655-1:2015

Asendab dokumenti: EVS-HD 631.1 S2:2007

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 50655-2:2015**

#### **Electric cables - Accessories - Material characterization - Part 2: Fingerprinting for heat shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV**

This European Standard specifies the methods and requirements for fingerprinting (as defined in 3.13) of heat shrinkable components intended to be used for electrical insulation or electrical insulation and mechanical protection in cable accessories

for low and medium voltage, as defined in EN 50393, HD 629.1 and HD 629.2. Fingerprinting of materials does not have a mandatory link to type testing of accessories. It is regarded as a stand-alone test, but it may be carried out in combination with accessory type tests.

Keel: en

Alusdokumendid: prEN 50655-2:2015

Asendab dokumenti: EVS-HD 631.2 S1:2007

Asendab dokumenti: EVS-HD 631.3 S1:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 50655-3:2015**

#### **Electric cables - Accessories - Material characterization - Part 3: Fingerprinting for cold shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV**

This European Standard specifies the test methods and requirements for fingerprinting (as defined in 3.11) of cold shrinkable components intended to be used in cable accessories for low and medium voltage, as defined in EN 50393, HD 629.1 and HD 629.2. Fingerprinting testing of materials does not have a mandatory link to type testing of accessories. It is regarded as a stand-alone test, but it may be carried out in combination with the accessory type tests. Component basic functions can be conductive, stress control or stress grading, insulating, oil barrier, anti-tracking, external protection and sealing. Components are supplied as single layer items or as multi-layer items. Components are generally supplied pre-expanded or with a system allowing expansion prior to installation. NOTE Information on health and safety is given in Annex A.

Keel: en

Alusdokumendid: prEN 50655-3:2015

Asendab dokumenti: EVS-HD 631.4 S1:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prHD 60364-4-46:2015**

#### **Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching**

This chapter deals with non-automatic local and remote isolation and switching measures which prevent or remove dangers associated with electrical installations or electrically powered equipment.

Keel: en

Alusdokumendid: prHD 60364-4-46:2014

Asendab dokumenti: EVS-HD 384.4.46 S2:2003

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

### **prHD 60364-5-537:2015**

#### **Low voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear - Clause 537: Isolation and switching**

No Scope Available

Keel: en

Alusdokumendid: prHD 60364-5-537:2014

Asendab dokumenti: EVS-HD 384.5.537 S2:2008

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

## **31 ELEKTROONIKA**

### **EN 61975:2010/FprA1:2015**

#### **High-voltage direct current (HVDC) installations - System tests**

IEC 61975:2010(E) applies to system tests for high-voltage direct current (HVDC) installations which consist of a sending terminal and a receiving terminal, each connected to an a.c. system. The tests specified in this standard are based on bidirectional and bipolar high-voltage direct current (HVDC) installations which consist of a sending terminal and a receiving terminal, each connected to an a.c. system. The test requirements and acceptance criteria should be agreed for back-to-back installations, while multi-terminal systems and voltage sourced converters are not included in this standard. For monopolar HVDC installations, the standard applies except for bipolar tests. This standard only serves as a guideline to system tests for high-voltage direct current (HVDC) installations. The standard gives potential users guidance, regarding how to plan commissioning activities. The tests described in the guide may not be applicable to all projects, but represent a range of possible tests which should be considered. This edition cancels and replaces IEC/PAS 61975 published jointly in 2004 by IEC and CIGRÉ. It constitutes a technical revision incorporating engineering experience.

Keel: en

Alusdokumendid: EN 61975:2010/FprA1:2015; IEC 61975:2010/A1:201X (22F/375/CDV) (EQV)

Muudab dokumenti: EVS-EN 61975:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 60384-18:2015**

#### **Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO<sub>2</sub>) and non-solid electrolyte**

IEC 60384-18:2007 applies to fixed aluminium electrolytic surface mount capacitors with solid (MnO<sub>2</sub>) and non-solid electrolyte primarily intended for d.c. applications for use in electronic equipment. It prescribes preferred ratings and characteristics and to select from IEC 60384-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification should be of equal or higher performance level, because lower performance levels are not permitted. This second edition cancels and replaces the first edition published in 1993 and its Amendment 1 (1998). This edition constitutes a minor revision related to tables, figures and references.

Keel: en

Alusdokumendid: FprEN 60384-18:2015; IEC 60384-18:201X (40/2371/CDV) (EQV)

Asendab dokumenti: EVS-EN 60384-18:2007

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 60700-2:2015**

#### **Thyristor valves for high voltage direct current (HVDC) power transmission - Part 2:**

##### **Terminology**

This International Standard defines terms for thyristor valves for high-voltage direct current (HVDC) power transmission with line commutated converters most commonly based on three-phase bridge connections for the conversion from a.c. to d.c. and vice versa.

Keel: en

Alusdokumendid: FprEN 60700-2:2015; IEC 60700-2:201X (22F/373/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## **33 SIDETEHNIKA**

### **EN 300 119-6 V1.1.1**

#### **Environmental Engineering (EE); European telecommunication standard for equipment practice; Part 6: Engineering requirements for harmonized racks and cabinets with extended features**

#### **Environmental Engineering (EE); European telecommunication standard for equipment practice; Part 6: Engineering requirements for harmonized racks and cabinets with extended features**

Harmonization of dimensions for mounting flanges and doors of 300mm and 600mm deep ETSI racks based on EN 300 119-2 and -3. Further improvement for cable duct access, cable management, installation and thermal management is proposed. The NWI takes the new standard IEC 60917-2-5 Annex A1 and A2 into account. A new part 6 should be produced for the series EN 300 119

Keel: en

Alusdokumendid: EN 300 119-6 V1.1.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **EN 300 119-7 V1.1.1**

#### **Environmental Engineering (EE); European telecommunication standard for equipment practice; Part 7: Engineering requirements for Subracks in harmonized racks and cabinets with extended features**

#### **Environmental Engineering (EE); European telecommunication standard for equipment practice; Part 7: Engineering requirements for Subracks in harmonized racks and cabinets with extended features**

The new WI should detail requirements for subracks for use in harmonized racks/cabinets, as described in EN 300 119 7 [6]. The subrack will normally be supplied as a fully assembled structure, unequipped, partially equipped or fully equipped with plug-in units, etc

Keel: en

Alusdokumendid: EN 300 119-7 V1.1.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **EN 300 328 V1.9.1**

#### **Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lairiba edastussüsteemid; 2,4 GHz ISM raadiosagedusalas töötavad andmeedastusseadmed, mis kasutavad lairibamodulatsiooni tehnoloogiat; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhioüete alusel**

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

(1) To improve existing test methods based on feedback received from test labs and manufactures; (2) To address issues identified during the resolution meeting of version 1.8.0 and which were noted in the comments resolution report.

Keel: en

Alusdokumendid: EN 300 328 V1.9.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **EN 300 330-2 V1.6.1**

**Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raadiosagedusalas 9 kHz kuni 25 MHz töötavad raadioseadmed ja sagedusalas 9 kHz kuni 30 MHz töötavad induktiivseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel. Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

In HEN part 2 is the reference to new part EN 300 330-1v1.8.1 to be included (for 13.56 MHz RFID Mask revision and Wireless charging additions)

Keel: en

Alusdokumendid: EN 300 330-2 V1.6.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **EN 300 392-12-22 V1.4.1**

**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 22: Dynamic Group Number Assignment (DGNA) Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 22: Dynamic Group Number Assignment (DGNA)**

Incorporate clarified user needs (mainly from TCCA) to the SS-DGNA interrogation protocol. Inclusion of related Change Requests

Keel: en

Alusdokumendid: EN 300 392-12-22 V1.4.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **EN 300 394-1 V3.3.1**

**Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 1: Radio Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 1: Radio**

Inclusion of Change Requests

Keel: en

Alusdokumendid: EN 300 394-1 V3.3.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **EN 301 489-4 V2.2.1**

**Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 4: Eritingimused paiksetele raadiolinkidele ja lisaseadmetele Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment**

To correct references in clause 7 to tables in EN 301 489-1.

Keel: en

Alusdokumendid: EN 301 489-4 V2.2.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **EN 301 489-6 V1.4.1**

**Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM). Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard. Osa 6: Eritingimused raadiotelefonisüsteemi (DECT) seadmetele Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment**

This revision contains additions and changes in order to correct some errors in references. Namely the reference to EN55024 has to be added which replaces the existing one in cl. 4.2.1.1 and 5.3.2. Furthermore in cl. 4.2.5 "EN300176" will be replaced by "EN300176-1".

Keel: en

Alusdokumendid: EN 301 489-6 V1.4.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

#### **EN 301 502 V12.1.1**

**Globaalne mobiiltelefonisüsteem (GSM); Baasjaamade põhinõuded harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel**

**Global System for Mobile communications (GSM); Harmonized EN for Base Station Equipment covering the essential requirements of article 3.2 of the R&TTE Directive**

Introduce changes to EN 301 502 for GSM Base Station Equipment for support of the ER-GSM 900 band, included in 3GPP Rel-12. Include references to the Rel-12 version of ETSI TS 151 021 (3GPP TS 51.021).

Keel: en

Alusdokumendid: EN 301 502 V12.1.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

#### **EN 301 549 V1.1.2**

**Accessibility requirements suitable for public procurement of ICT products and services in Europe**

**Accessibility requirements suitable for public procurement of ICT products and services in Europe**

The EN will specify ICT accessibility requirements and testing methods in a form that is suitable for use in public procurement.

Keel: en

Alusdokumendid: EN 301 549 V1.1.2

Arvamusküsitluse lõppkuupäev: 08.08.2015

#### **EN 301 649 V2.3.1**

**Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS)**  
**Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS)**

Modification of the DPRS standard for improvements and clarification for a better support of handset firmware upgrade service and also light data services.

Keel: en

Alusdokumendid: EN 301 649 V2.3.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

#### **EN 301 841-1 V1.4.1**

**VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 1: Physical layer and MAC sub-layer**  
**VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 1: Physical layer and MAC sub-layer**

Revision of EN 301 841-1 to include transmitter intermodulation attenuation

Keel: en

Alusdokumendid: EN 301 841-1 V1.4.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

#### **EN 301 841-3 V1.2.1**

**VHF maa-õhk digitaallink (VDL) mudel 2; Maapealsete seadmete tehnilised karakteristikud ja mõõtmismeetodid; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel**  
**VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

update in order to include the new references to part 1

Keel: en

Alusdokumendid: EN 301 841-3 V1.2.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

#### **EN 301 842-1 V1.4.1**

**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 1: EN for ground equipment**  
**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 1: EN for ground equipment**



Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 301 842-1 V1.4.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 301 842-2 V1.7.1**

**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 2: General description and data link layer**

**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 2: General description and data link layer**

Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 301 842-2 V1.7.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 301 842-3 V1.4.1**

**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 3: Additional broadcast aspects**

**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 3: Additional broadcast aspects**

Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 301 842-3 V1.4.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 301 842-4 V1.3.1**

**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 4: Point-to-point functions**

**VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 4: Point-to-point functions**

Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 301 842-4 V1.3.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 301 893 V1.8.1**

**Lairiba raadiojuurdepääsuvõrgud (BRAN); Raadiosagedusalas 5 GHz töötavate suure edastuskiirusega RLAN seadmed; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel**

**Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

1) To address the issues reported by CEPT in BRAN(13)000063; (2) To review/improve existing test methods and/or to consider the inclusion of alternative test methods; (3) To address other issues identified by test labs when using EN 301 893 v1.6.1 or v1.7.1.

Keel: en

Alusdokumendid: EN 301 893 V1.8.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 301 908-1 V7.1.1**

**IMT mobiilsidevõrgud; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel; Osa 1: Sissejuhatus ja üldised nõuded**

**IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 1: Introduction and common requirements**

The seventh Release of the EN will cover revisions made to the other parts for their sixth Release and the updates from other source standards and recommendations. Part 1 is covering the common essential requirements of article 3.2. of the R&TTE Directive for all Parts of EN 301 908.

Keel: en

Alusdokumendid: EN 301 908-1 V7.1.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 302 208-2 V2.1.1**

**Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadiosagedusalas 856 MHz kuni 868 MHz võimsusega kuni 2 W ja raadiosagedusalas 915 MHz kuni 921 MHz võimsusega kuni 4 W töötavad raadiosageduslikud identifitseerimisseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel.**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

Part 2 of the standard will be revised to include the additional requirements covered in Part 1 that are necessary to comply with article 3.2 of the R&TTE Directive

Keel: en

Alusdokumendid: EN 302 208-2 V2.1.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 302 307-2 V1.1.1**

**Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications; Part 2: DVB-S2 Extensions (DVB-S2X)**

**Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications; Part 2: DVB-S2 Extensions (DVB-S2X)**

The existing DVB-S2 specification becomes a multipart document with Part 2 describing the S2 eXtensions (S2X).

Keel: en

Alusdokumendid: EN 302 307-2 V1.1.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 302 842-1 V1.3.1**

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 1: Physical layer**

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 1: Physical layer**

Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 302 842-1 V1.3.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **EN 302 842-2 V1.4.1**

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 2: General description and data link layer**

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 2: General description and data link layer**

Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 302 842-2 V1.4.1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### EN 302 842-3 V1.4.1

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 3: Additional broadcast aspects**

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 3: Additional broadcast aspects**

Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 302 842-3 V1.4.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 302 842-4 V1.3.1

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 4: Point-to-point functions**

**VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment; Part 4: Point-to-point functions**

Update of the deliverable due to the change of the frequency range from 108-117,975 MHz to 112-117,975 MHz (amendment to ICAO Annex 10 Vol III)

Keel: en

Alusdokumendid: EN 302 842-4 V1.3.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 303 215 V1.3.1

**Environmental Engineering (EE); Measurement methods and limits for power consumption in broadband telecommunication networks equipment**

**Environmental Engineering (EE); Measurement methods and limits for power consumption in broadband telecommunication networks equipment**

1) Test condition of small ONU dedicated to installation on outdoor cabinet. We need discuss influence of temperature on energy consumption to determine the influence of the cooling techniques on the total energy consumption to determine if it is necessary change the test condition and the influence on the target value. The result of discussion should be a change of test condition and/or an annex that reports the analysis of the high temperature impact on energy consumption of ONU. 2) Vectoring functionality measurement methods, it is necessary establish the methodologies for measure the energy consumption of equipment with the Vectoring functionality activate to verify the conformance to the value establish by the future version of the CoC. This activity will consider the work of BBF on definition of vectoring test conditions and shall be made in liaison with BBF. 3) Transformation of the document in a EN 4) Update of informative annex with target limit or deletion if not necessary to update periodically.

Keel: en

Alusdokumendid: EN 303 215 V1.3.1

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 50083-2:2012/FprA1:2015

**Televisiooni-, heli- ja interaktiivse multimeedia signaalide kaabeljaotussüsteemid. Osa 2: Seadmete elektromagnetiline ühilduvus**

**Cable networks for television signals, sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment**

Amendment to EN 50083-2:2012

Keel: en

Alusdokumendid: EN 50083-2:2012/FprA1:2015

Muudab dokumenti: EVS-EN 50083-2:2012

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 55011:2015/FprA1:2015

**Industrial, scientific and medical equipment - Radio frequency disturbance characteristics - Limits and methods of measurement - Amendment 1 - Measurement of radiated disturbances - Introduction of the FAR for use with CISPR 11 and determination of limits**

Amendment to EN 55011:2015

Keel: en

Alusdokumendid: EN 55011:2015/FprA1:2015; CISPR 11:2015/A1:201X (CISPR/B/627/CDV) (EQV)

Muudab dokumenti: FprEN 55011:2014 (fragment 1)

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN 55014-1:2015

#### Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

This part of CISPR 14 specifies the requirements that apply to the emission of radio-frequency disturbances in the frequency range 9 kHz to 400 GHz from appliances, electric tools and similar apparatus as defined below, whether powered by AC, DC or battery. Within this standard wherever the term "equipment" is used it includes the more specific terms - "appliance", "household or similar appliances", "electric tool", "toys" and "apparatus".

Keel: en

Alusdokumendid: FprEN 55014-1:2015; CISPR 14-1:201X (CISPR/F/661/CDV) (EQV)

Asendab dokumenti: EVS-EN 55014-1:2007

Asendab dokumenti: EVS-EN 55014-1:2007/A1:2009

Asendab dokumenti: EVS-EN 55014-1:2007/A2:2011

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN 55035:2015

#### Electromagnetic Compatibility of Multimedia equipment - Immunity Requirements

This International Standard applies to multimedia equipment (MME) as defined in 3.1.24 and having a rated AC or DC supply voltage not exceeding 600 V. MME within the scope of CISPR 20 or CISPR 24 is within the scope of this publication. MME with a broadcast reception function is within the scope of this publication, see Annex A. MME with non-broadcast wireless interfaces is also within the scope of this publication, however, compliance with the publication does not require the assessment of the performance of these interfaces.

Keel: en

Alusdokumendid: FprEN 55035:2015; CISPR 35:201X (CISPR/I/502/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 08.08.2015

### prEN 50289-1-17:2015

#### Communications cables – Specifications for test methods Part 1-17: Electrical test methods – Exogenous Crosstalk ExNEXT and ExFEXT

This Part 1-17 of EN 50289 details the test methods used to determine the cable to cable (exogenous) crosstalk between 4 pair cables used in analogue and digital communication systems. These exogenous Crosstalk effects are near end crosstalk (ExNEXT), far end crosstalk (ExFEXT), equal level far end crosstalk (ExELFEXT).

Keel: en

Alusdokumendid: prEN 50289-1-17:2014

Arvamusküsitluse lõppkuupäev: 08.07.2015

## 35 INFOTEHNOLOOGIA. KONTORISEADMED

### FprEN 61010-2-202:2015

#### Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-202: Particular requirements for electrically operated valve actuators

This clause of Part 1 is applicable, except as follows. 1.1 Scope 1.1.1 Equipment included in scope Replacement: Replace the text by the following paragraphs: This part of IEC 61010 specifies the safety requirements for electric actuators and solenoids as applied to valves, intended to be installed in the industrial process and discrete control environment.

Keel: en

Alusdokumendid: FprEN 61010-2-202:2015; IEC 61010-2-202:201X (65/592/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 08.08.2015

## 43 MAANTEESÕIDUKITE EHITUS

### FprEN ISO 4210-2 rev

#### Cycles - Safety requirements for bicycles - Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles (ISO/FDIS 4210-2:2015)

This part of ISO 4210 specifies safety and performance requirements for the design, assembly, and testing of bicycles and sub-assemblies having saddle height as given in Table 1, and lays down guidelines for manufacturer's instructions on the use and care of such bicycles. This part of ISO 4210 applies to young adult bicycles with maximum saddle height of 635 mm or more and less than 750 mm, city and trekking bicycles, mountain bicycles, and racing bicycles that have a maximum saddle height of 635 mm or more including folding bicycles (see Table 1 and Figure 1). This part of ISO 4210 does not apply to specialized types of bicycle, such as delivery bicycles, recumbent bicycles, tandems, BMX bicycles, and bicycles designed and equipped for use in severe applications such as sanctioned competition events, stunting, or aerobatic manoeuvres.

Keel: en

Alusdokumendid: FprEN ISO 4210-2 rev; ISO/FDIS 4210-2:2015  
Asendab dokumenti: EVS-EN ISO 4210-2:2014

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN ISO 4210-6 rev**

#### **Cycles - Safety requirements for bicycles - Part 6: Frame and fork test methods (ISO/FDIS 4210-6:2015)**

This part of ISO 4210 specifies the frame and fork test methods for ISO 4210-2.

Keel: en

Alusdokumendid: FprEN ISO 4210-6 rev; ISO/FDIS 4210-6:2015  
Asendab dokumenti: EVS-EN ISO 4210-6:2014

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## **45 RAUDTEETEHNIKA**

### **EVS-EN 15839:2012/FprA1**

#### **Railway applications - Testing for the acceptance of running characteristics of railway vehicles - Freight wagons - Testing of running safety under longitudinal compressive forces**

This European Standard defines the acceptance process to be followed by vehicles that are operated in trains capable of generating high longitudinal forces and that are susceptible, as a result of their design, to derailment as a result of being subjected to these forces. This European Standard applies to the following types of freight wagons equipped with standard ends as defined in this EN: — single wagons; — permanently coupled units with side buffers and screw couplers between the vehicles; — permanently coupled units with diagonal buffers with screw couplers between the vehicles; — articulated units with three 2-axle bogies; — low-floor wagons with eight or more axles (e.g. rolling road wagon 1). The following vehicles are not currently in the scope of this European Standard: — wagons that are not subjected to extensive longitudinal compressive forces due to their operational environment (as train composition, braking regime, track layout); — wagons with automatic couplers 2); — wagons with 3-axle bogies 3); — permanently coupled units with a bar coupler between the vehicles 4); — articulated wagons with more than three 2-axle bogies. Acceptance criteria and test conditions as well as conditions for the dispensation from tests are defined in this European Standard. This document applies principally to wagons which operate without restriction on standard gauge tracks in Europe (1 435 mm). NOTE The influence on railway systems using other gauges is not sufficiently understood to extend the scope of this document to gauges other than standard.

Keel: en

Alusdokumendid: EN 15839:2012/FprA1  
Muudab dokumenti: EVS-EN 15839:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 16404**

#### **Railway applications - Re-railing and recovery requirements for railway vehicles**

This draft European Standard is applicable to all railway vehicles that will operate under the Interoperability Directives taking into consideration the recommendations given in Annex F on the application of the standard (migration rule). Rolling stock of the following types are excluded from the scope of this draft European Standard: - metros, tramways, and other light rail vehicles; - vehicles for the operation of local, urban or suburban passenger services on networks that are functionally separate from the rest of the railway system; - vehicles exclusively used on privately owned railway infrastructure that exist solely for use by the owner for its own freight operations; - vehicles reserved for a strictly local, historical or touristic use. On track machines are in the scope of this draft European Standard only when in transport (running) configuration on their own rail wheels, either self-propelled or hauled. However, the requirements may be appropriate for other applications that have similar operational conditions. It specifies the principles and processes to be followed to achieve satisfactory arrangements for re-railing or recovery of railway vehicles and to validate the design against the relevant performance and safety requirements. The interface between the re-railing and recovery equipment and the vehicle structure is considered as the interface between the jack contact faces or the lifting bracket contact areas. The structural requirements for the vehicle structure are set out in EN 12663-1 and EN 12663-2. NOTE Railway vehicles that will operate under the Interoperability Directives correspond to the categories L, P-I, P-II, F-I and F-II defined in EN 12663-1.

Keel: en

Alusdokumendid: FprEN 16404  
Asendab dokumenti: EVS-EN 16404:2014

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16860**

#### **Railway Applications - Requirements and general principles for securing payload in rail freight transport**

This European Standard specifies the minimum requirements for securing payload to ensure safe operation of freight wagons, utilizing a train speed of 120 km/h it is serving as a basis for the design and implementation of payload securing methods. In the case of wagons designed for the transport of special payload and/or with integrated load securement (e.g. tank wagons, hopper wagons, car carriers, coil carriers and wagons for intermodal transport) special requirements have also to be observed.

Keel: en

Alusdokumendid: prEN 16860

Arvamusküsitluse lõppkuupäev: 08.08.2015

## 47 LAEVAEHITUS JA MERE-EHITISED

### prEN 16865

#### Inland navigation vessels - Connections and assembled hoses for the transfer of potable water

This European standard specifies the design, dimensions and technical requirements for connections and pipelines for storing potable water for inland navigation vessels. These are: - a fixed connection on the supply side; - pipeline; - a fixed connection on the consumer side; - a connection for retrofitting inland navigation vessels that have a closure device level with the deck (internal pipe thread pursuant to EN ISO 228 1), consisting of a connecting part with a threaded connection and fixed coupling. Necessary measures to prevent electrostatic charge and overfilling are not governed by the standard. National regulations apply to drinking water supply plants. The requirements of this European standard supplement these regulations.

Keel: en

Alusdokumendid: prEN 16865

Arvamusküsitluse lõppkuupäev: 08.08.2015

### prEN 1914

#### Inland navigation vessels - Work boats, ship's boats and lifeboats

This European Standard applies to: - ship's boats that must be carried on inland navigation vessels according to Annex II of Directive 2006/87/EC [3]; - lifeboats if no special life-saving equipment (e.g. ADN) is specified for the area of use [4]; - work boats for the transport of a limited number of persons or relatively small working loads in the construction site area and over comparatively short distances. This standard does not apply to: - recreational craft according to Directive 2013/53/EU [5]; - firefighting and water rescue boats.

Keel: en

Alusdokumendid: prEN 1914

Asendab dokumenti: EVS-EN 1914:2009

Arvamusküsitluse lõppkuupäev: 08.08.2015

## 49 LENNUNDUS JA KOSMOSETEHNIKA

### FprEN 4073

#### Aerospace series - Screws, pan head, six lobe recess, coarse tolerance shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature) / 235 °C

This standard specifies the characteristics of screws, pan head, six lobe recess, coarse tolerance shank, medium length thread, in alloy steel, cadmium plated. Classification: 1 100 MPa 1) / 235 °C 2).

Keel: en

Alusdokumendid: FprEN 4073

Asendab dokumenti: EVS-EN 4073:2010

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN 4830-001

#### Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 001: Technical specification

This European Standard specifies the general characteristics, the conditions for qualification, acceptance and quality assurance, as well as the test programs and groups for EN 4165 rectangular connectors with removable optical modules using EN 4639-10X contacts.

Keel: en

Alusdokumendid: FprEN 4830-001

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN 4830-002

#### Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 002: Specification of performance

This European Standard defines the material used in the manufacturing of EN 4830 optical modules.

Keel: en

Alusdokumendid: FprEN 4830-002

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN 4830-003

#### Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 003: Module - Product standard

This European Standard specifies the characteristics of module for EN 4639-10X optical termini, in the family of rectangular, modular, connector EN 4165.

Keel: en

Alusdokumendid: FprEN 4830-003

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 4830-004**

#### **Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 004: Extraction tool - Product standard**

This European Standard defines the material used in the manufacturing of EN 4830 optical modules.

Keel: en

Alusdokumendid: FprEN 4830-004

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprEN 9131**

#### **Aerospace series - Quality Management Systems - Nonconformance Data Definition and Documentation**

This standard defines the common nonconformance data definition and documentation that shall be exchanged between an internal/external supplier or sub-tier supplier, and the customer when informing about a nonconformity requiring formal decision. The requirements are applicable, partly or totally, when reporting a product nonconformity to the owner or operator, as user of the end item (e.g., engine, aircraft, spacecraft, helicopter), if specified by contract. The process of exchanging, coordinating, and approving nonconformance data varies with the multiple relationships and agreements among all parties concerned. The information provided by this standard forms guidelines for submitting and managing of data through accurate communication. The main objective is to provide the definition of a data set that can be integrated into any form of communication (e.g., electronic data interchange, submission of conventional paper forms). Reporting of nonconformance data, either electronically or conventionally on paper, is subject to the terms and conditions of the contract. This also includes, where applicable, data access under export control regulations.

Keel: en

Alusdokumendid: FprEN 9131

Asendab dokumenti: EVS-EN 9131:2009

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 12312-8**

#### **Aircraft ground support equipment - Specific requirements - Part 8: Maintenance stairs and platforms**

1.1 General This European Standard specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, the operation and the maintenance of maintenance stairs and platforms when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. These machines are designed to be used as aircraft ground support equipment with the intended use to serve aircraft in outdoor conditions on the apron. They may also be used indoors at hangars. The use of such equipment for operations not in conjunction with aircraft is not defined as intended use therein. Due to the good operational conditions on the apron, deviations from some clauses of EN 280 were deemed acceptable. This European Standard applies to: a) self-propelled fixed or adjustable maintenance stairs and elevating platforms; b) towable maintenance stairs and platforms equipped with powered means, e.g. for height adjustment, stabilizers, designed for aircraft maintenance purposes including access to the aircraft. NOTE 1 Powered will be also understood as manual effort stored in springs or hydraulic accumulators, etc., the dangerous action of which can be produced or can continue after the manual effort has ceased or directly applied manual effort for lifting or lowering loads. NOTE 2 Those clauses of this standard that can apply may also be used as a guideline for the design of towable maintenance stairs and platforms without powered means. This European Standard does not apply to: c) maintenance docks either fixed to the ground or moveable only for docking procedure. d) ground support equipment specifically intended, built and equipped with a fluid system for aircraft de-icing and anti-icing (see EN 12312 6). NOTE 3 This does not prevent aircraft de-icers meeting the requirements of EN 12312-6 from being used as a means of access for aircraft maintenance, e.g. windshield cleaning, etc. e) mobile elevating work platforms (MEWP) used at the airports for purposes other than aircraft maintenance, e.g. buildings and facilities (see EN 280). This standard does not establish requirements for hazards caused by noise and vibration. NOTE 4 EN 1915-3 and EN 1915-4 provide the general GSE vibration and noise requirements. This European Standard does not deal with hazards in respect to a standard automotive chassis and from other vehicles on the apron. This part of EN 12312 is not applicable to maintenance stairs and platforms which are manufactured before the date of publication of this standard by CEN. This part of EN 12312 when used in conjunction with EN 1915 1, EN 1915 2, EN 1915 3 and EN 1915 4 provides the requirements for maintenance stairs and platforms. 1.2 Classification For the purposes of this European Standard, Mobile elevating work platforms (MEWPs) to be used for aircraft maintenance access are divided into two main groups A and B: a) Group A: MEWPs where the vertical projection of the centre of the platform area is always inside the tipping lines. NOTE See 5.2 hereafter for requirements applying to Group A MEWPs. b) Group B: MEWPs where the vertical projection of the centre of the platform area may be outside the tipping lines. NOTE See 5.3 hereafter for requirements applying to Group B MEWPs. c) In addition, Group C consists of maintenance access stairs, where persons are not elevated by the machine but climb a flight of steps. NOTE See 5.4 hereafter for requirements applying to Group C maintenance stairs. Relating to travelling, MEWPs are divided into three types: d) Type 1: Travelling is only allowed with the MEWP in its transport position;

Keel: en

Alusdokumendid: prEN 12312-8  
Asendab dokumenti: EVS-EN 12312-8:2005+A1:2009  
**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 53 TÖSTE- JA TEISALDUS-SEADMED

### prEN 14492-1

#### **Cranes - Power driven winches and hoists - Part 1: Power driven winches**

This draft European Standard is applicable to the design, information for use, maintenance and testing of power driven winches for which the prime mover is an electric motor, hydraulic motor, internal combustion motor or pneumatic motor. Winches are designed for the movement or manipulation of loads supported on level or inclined planes in situations where risks resulting from a failure of the winding mechanism or pulling medium are mitigated by external control measures. This draft European Standard is not applicable to devices which handle freely suspended loads, e.g. construction winches. Generally, a winch is used without any additional transport movement, except in cases where a winch is used on a stranded vehicle for self-recovery of the vehicle. This European Standard is applicable to the following types of winch: a) rope winches; b) belt winches, except steel belts used as pulling media; c) traction winches. These types of winches a) to c) also include the following specific applications: - vehicle recovery winches; - winches on boat trailers; - forestry winches; - winches for stationary offshore applications; - winches for drilling applications. NOTE Examples are shown in Annex A. This European Standard does not apply to: - power-driven hoists in accordance with EN 14492 2; - winches for seagoing vessels and mobile offshore units; - winches for the lifting of persons; - NGL building hoists in accordance with EN 14492 2; - winches for the handling of hot molten masses (risk covered by EN 14492 2). The significant hazards covered by this European Standard are identified in Clause 4. This European Standard does not specify additional requirements for hazards related to the use of winches in explosive atmospheres in underground works. This document applies to winches manufactured after approval by CEN with a transitional period of 2 years.

Keel: en  
Alusdokumendid: prEN 14492-1  
Asendab dokumenti: EVS-EN 14492-1:2006+A1:2009  
Asendab dokumenti: EVS-EN 14492-1:2006+A1:2009/AC:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

### prEN 16860

#### **Railway Applications - Requirements and general principles for securing payload in rail freight transport**

This European Standard specifies the minimum requirements for securing payload to ensure safe operation of freight wagons, utilizing a train speed of 120 km/h it is serving as a basis for the design and implementation of payload securing methods. In the case of wagons designed for the transport of special payload and/or with integrated load securement (e.g. tank wagons, hopper wagons, car carriers, coil carriers and wagons for intermodal transport) special requirements have also to be observed.

Keel: en  
Alusdokumendid: prEN 16860

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

### EN 1307:2014/FprA1

#### **Textile floor coverings - Classification**

This European Standard specifies the requirements for classification of all textile floor coverings and carpet tiles, excluding rugs and runners (see ISO 2424) into use classes with regard to one or more of the following properties: wear, appearance retention, additional performance properties and classes for luxury rating. This European Standard refers to the classification as defined in EN ISO 10874.

Keel: en  
Alusdokumendid: EN 1307:2014/FprA1  
Muudab dokumenti: EVS-EN 1307:2014

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### FprEN ISO 25619-2

#### **Geosynthetics - Determination of compression behaviour - Part 2: Determination of short-term compression behaviour (ISO/FDIS 25619-2:2015)**

This part of ISO 25619 specifies an index test method for determining the short-term compressive behaviour of geosynthetics. It can be used to determine the deformation behaviour under short-term compressive stress, e.g. after exposure to stress, liquids, or light. This part of ISO 25619 can be used for quality control purposes. It is not intended to be used for design purposes.

Keel: en  
Alusdokumendid: ISO/FDIS 25619-2:2015; FprEN ISO 25619-2 rev  
Asendab dokumenti: EVS-EN ISO 25619-2:2009

**Arvamusküsitluse lõppkuupäev: 08.08.2015**



### prEN ISO 14362-1

#### **Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (ISO 24362-1:2015)**

Describes a procedure to detect the use of certain azo colorants that may not be used in the manufacture or treatment of certain commodities made of textile fibres and that are not accessible to reducing agent with and without extraction

Keel: en

Alusdokumendid: prEN ISO 14362-1; ISO 24362-1:2014

Asendab dokumenti: EVS-EN 14362-1:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN ISO 14362-3

#### **Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Detection of the use of certain azo colorants, which may release 4-aminoazobenzene (ISO/DIS 14362-3:2015)**

Describes a procedure to detect the use of certain azo colorants in commodities which may release 4-aminoazobenzene

Keel: en

Alusdokumendid: ISO/DIS 14362-3; prEN ISO 14362-3

Asendab dokumenti: EVS-EN 14362-3:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 65 PÕLLUMAJANDUS

### prEN 13684

#### **Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety**

This European Standard specifies safety requirements and their verification for the design and construction of pedestrian controlled integrally powered lawn aerators and scarifiers which are designed for re-generating lawns by, for instance, combing out grass, thatch and moss or cutting vertically into the lawn face using tines which rotate about a horizontal axis. It describes methods of elimination or reduction of hazards arising from their use. In addition, it specifies the type of information to be provided by the manufacturer on safe working practices. Throughout this document, the term "machine" applies to those machines known as aerators, scarifiers, corers, lawn rakes or grass rakes. It does not apply to: — aerators/scarifiers made from a machine falling within the scope of EN 709:1997+A4:2009 when fitted with an aerating/scarifying implement; — non-powered aerators; — vertical axis aerators; or — those aerators which cut into the soil by means of a reciprocating motion or by water pressure. The electrical aspects of mains operated machines are covered by EN 60335-1. The safety aspects of batteries other than batteries for starting the engine and the electrical safety aspects of battery powered lawn aerators and scarifiers are not covered by this document. It deals with all significant hazards, hazardous situations and events relevant to scarifiers and aerators, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4). Environmental hazards and EMC have not been considered in this document. This document is not applicable to aerators/scarifiers which are manufactured before the date of its publication.

Keel: en

Alusdokumendid: prEN 13684

Asendab dokumenti: EVS-EN 13684:2004+A3:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 67 TOIDUAINETE TEHNOLOOGIA

### prEN 16857

#### **Foodstuffs - Determination of benzene in soft drinks, other beverages and vegetable-based infant foods by headspace gas chromatography mass spectrometry (HS-GC-MS)**

This European Standard shall specify a method of analysis for the determination of benzene in soft drinks, juices and baby food. The method should preferably make use of the HS GC-MS technique. The method shall be inter-laboratory validated, in accordance with ISO 5725 or with AOAC International Guidelines for collaborative study procedures to validate characteristics of a method of analysis, using test materials consisting of soft drinks, juices and baby food at appropriate levels.

Keel: en

Alusdokumendid: prEN 16857

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN 16858

#### **Foodstuffs - Determination of melamine and cyanuric acid in foodstuffs by liquid chromatography and tandem mass spectrometry (LC-MS/MS)**

This European Standard specifies a method for the determination of melamine and cyanuric acid in foodstuffs with liquid chromatography in combination with tandem mass spectrometry. The method has been validated in an interlaboratory study via the analysis of spiked samples of milk based infant formula, soy based infant formula, milk powder, whole milk, soy milk and milk chocolate ranging from 0,71 mg/kg to 1,43 mg/kg for melamine and 0,57 mg/kg to 1,45 mg/kg for cyanuric acid. The limits of

quantification (LOQ) for melamine and cyanuric acid in food are 0,05 mg/kg and 0,25 mg/kg, respectively. The upper limit of the working range is up to 10 mg/kg for melamine and up to 25 mg/kg for cyanuric acid.

Keel: en

Alusdokumendid: prEN 16858

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 75 NAFTA JA NAFTATEHNOLOOGIA

### FprEN ISO 18134-1 rev

#### **Solid biofuels - Determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method (ISO/FDIS 18134-1:2015)**

This document describes the method of determining the total moisture content of a sample of solid biofuels by drying in an oven and should be used when high precision of the determination of moisture content is necessary. The method described in this document is applicable to all solid biofuels. The total moisture content of biofuels is not an absolute value and conditions for its determination have to be standardised to enable comparative determinations to be made.

Keel: en

Alusdokumendid: FprEN ISO 18134-1 rev; ISO/FDIS 18134-1:2015

Asendab dokumenti: EVS-EN 14774-1:2009

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### FprEN ISO 18134-2 rev

#### **Solid biofuels - Determination of moisture content - Oven dry method - Part 2: Total moisture - Simplified method (ISO/FDIS 18134-2:2015)**

This document describes the method of determining the total moisture content of a sample of solid biofuels by drying in an oven and may be used when the highest precision is not needed e.g. for routine production control on site. The method described in this document is applicable to all solid biofuel origins. The total moisture content of biofuels is not an absolute value and conditions for its determination have to be standardised to enable comparative determinations to be made.

Keel: en

Alusdokumendid: FprEN ISO 18134-2 rev; ISO/FDIS 18134-2:2015

Asendab dokumenti: EVS-EN 14774-2:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### FprEN ISO 18134-3

#### **Solid biofuels - Determination of moisture content - Oven dry method - Part 3: Moisture in general analysis sample (ISO/FDIS 18134-3:2015)**

This document describes the method of determining the moisture in the analysis sample by drying the sample in an oven. It is intended to be used for general analysis samples according to ISO WD XXXXX (14780). The method described in this document is applicable to all solid biofuels. Since biofuels in small particle size are very hygroscopic, their moisture content will vary with the change of humidity of the atmosphere and therefore, the moisture of the analysis sample should always be determined simultaneously when portions are weighed out for other analytical determinations, for example calorific value, carbon, nitrogen.

Keel: en

Alusdokumendid: FprEN ISO 18134-3; ISO/FDIS 18134-3:2015

Asendab dokumenti: EVS-EN 14774-3:2009

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 77 METALLURGIA

### prEN 1503-4

#### **Valves - Materials for bodies, bonnets and covers - Part 4: Copper alloys specified in European Standards**

This European Standard lists copper alloys for pressure containing valve bodies, bonnets and covers which are specified in European Standards.

Keel: en

Alusdokumendid: prEN 1503-4

Asendab dokumenti: EVS-EN 1503-4:2003

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN ISO 8049

#### **Ferronickel shot - Sampling for analysis (ISO/DIS 8049:2015)**

This International Standard defines a method of sampling for analysis of ferronickel lots in the form of shot as specified in ISO 6501 in those cases where lots are constituted either heat by heat or by taking from blended stock.

Keel: en

Alusdokumendid: ISO/DIS 8049:2015; prEN ISO 8049

## 79 PUIDUTEHNOLOOGIA

### prEN 16873

#### **Conservation of cultural heritage - Guidelines for management of waterlogged wood on terrestrial sites of archaeological significance**

This draft European Standard provides guidelines for safeguarding waterlogged wood on terrestrial sites of archaeological or historical significance. It deals with the protection of archaeological and historical waterlogged wood, from the time of exposure during and after excavation, until it reaches the conservation laboratory. The standard cannot be applied to the management of underwater sites, controlled reburial, in situ preservation, or long term post excavation storage. Composite artefacts of wood and other materials are also excluded from the standard.

Keel: en

Alusdokumendid: prEN 16873

Arvamusküsitluse lõppkuupäev: 08.08.2015

## 81 KLAASI- JA KERAAMIKA-TÖÖSTUS

### EN 572-1:2012/FprA1

#### **Ehitusklaas. Kaltsiumsilikaatklaasist põhitooted. Osa 1: Määratlused ja üldised füüsikalised ning mehaanilised omadused**

#### **Glass in building - Basic soda lime silicate glass products - Part 1: Definitions and general physical and mechanical properties**

This Part of this European Standard specifies and classifies basic glass products and indicates their chemical composition, their main physical and mechanical characteristics and defines their general quality criteria. Specific dimensions and dimensional tolerances, description of faults, quality limits and designation for each basic product type are not included in this Part, but are given in other Parts of this European Standard specific to each product type: - EN 572-2 Float glass - EN 572-3 Polished wired glass - EN 572-4 Drawn sheet glass - EN 572-5 Patterned glass - EN 572-6 Wired patterned glass - EN 572-7 Wired or unwired channel shaped glass - EN 572-8 Supplied and final cut sizes - EN 572-9 Evaluation of conformity/Product standard

Keel: en

Alusdokumendid: EN 572-1:2012/FprA1

Muudab dokumenti: EVS-EN 572-1:2012

Arvamusküsitluse lõppkuupäev: 08.08.2015

### EN 572-8:2012/FprA1

#### **Ehitusklaas. Lubisilikaatklaasist põhitooted. Osa 8: Tarnemõõdus ja mõõtulõigatud klaas**

#### **Glass in building - Basic soda lime silicate glass products - Part 8: Supplied and final cut sizes**

This European Standard specifies dimensional and minimum quality requirements (in respect of optical and visual faults) for basic soda lime silicate glass products, as defined in EN 572 1:2012, for use in building. It applies to supplied sizes or cut sizes for final end use. This European Standard does not apply to final cut sizes having a dimension less than 100 mm or a surface area less than 0,05 m<sup>2</sup>. This European Standard does not apply to float glass supplied as jumbo, split sizes or oversize plates nor to polished wired glass, drawn sheet glass, patterned glass, patterned wired glass supplied as stock sizes. For specifications regarding these types of glass, see EN 572 2:2012, EN 572 3:2012, EN 572 4:2012, EN 572 5:2012 and EN 572 6:2012 respectively. This European Standard does not apply to final cut sizes of wired or unwired channel shaped glass For specifications on this type of glass, see EN 572 7:2012.

Keel: en

Alusdokumendid: EN 572-8:2012/FprA1

Muudab dokumenti: EVS-EN 572-8:2012

Arvamusküsitluse lõppkuupäev: 08.08.2015

### FprEN 1096-4

#### **Glass in building - Coated glass - Part 4: Evaluation of conformity / Product standard**

This European Standard covers the evaluation of conformity and the factory production control of coated glass for use in buildings. NOTE For glass products with electrical wiring or connections for, e.g. alarm or heating purposes, other directives, e.g. Low Voltage Directive, may apply.

Keel: en

Alusdokumendid: FprEN 1096-4

Asendab dokumenti: EVS-EN 1096-4:2004

Arvamusküsitluse lõppkuupäev: 08.08.2015

**FprEN 923****Adhesives - Terms and definitions**

This European Standard defines terms used in the adhesive industry and terms relating to adhesives in those industries that use adhesives.

Keel: en

Alusdokumendid: FprEN 923

Asendab dokumenti: EVS-EN 923:2005+A1:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

**prEN 15416-1****Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 1: Long-term tension load test perpendicular to the bond line at varying climate conditions with specimens perpendicular to the glue line (Glasshouse test)**

This European Standard specifies a method of determining the ability of adhesive bonds to resist long-term sustained load applied vertical to the glue lines. It is applicable to adhesives used in load-bearing timber structures. It is suitable for the following applications: a) for assessing the compliance of adhesives according to EN 15425 and EN 16254; b) for assessing the suitability and quality of adhesives for load-bearing timber structures; c) for assessing the effect on the bond strength resulting from long-term sustained load at cyclic climate conditions. This method is intended primarily to obtain performance data for the classification of adhesives for load bearing timber structures according to their suitability for use in defined climatic environments. This method is not intended to provide data for structural design, and does not necessarily represent the performance of the bonded member in service.

Keel: en

Alusdokumendid: prEN 15416-1

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

**prEN 15416-3****Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 3: Creep deformation test at cyclic climate conditions with specimens loaded in bending shear**

This European Standard specifies a method for determining the creep deformation of bonded specimens loaded in bending shear. It is applicable to adhesives used in load bearing timber structures. It is suitable for the following applications: a) for assessing the compliance of adhesives to EN 15425 and EN 16254; b) for assessing the suitability and quality of adhesives for load bearing timber structures. This test is intended primarily to obtain performance data for the classification of adhesives for load bearing timber structures according to their suitability for use in defined climatic environments. This method is not intended to provide data for structural design, and does not necessarily represent the performance of the bonded member in service.

Keel: en

Alusdokumendid: prEN 15416-3

Asendab dokumenti: EVS-EN 15416-3:2007+A1:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

**prEN 15416-4****Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 4: Determination of open assembly time under referenced conditions**

This European Standard specifies a laboratory method of determining the open assembly time in a standard atmosphere [20/65]. This European Standard is intended to determine the open assembly time using a defined procedure for obtaining a reliable base for comparison of open assembly time between adhesives under referenced conditions. The method gives a result that cannot be applied to the safe manufacture of timber structures without taking into account the influence of factors such as timber density, moisture content, factory temperature and relative air humidity.

Keel: en

Alusdokumendid: prEN 15416-4

Asendab dokumenti: EVS-EN 15416-4:2006

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

**prEN 15416-5****Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 5: Determination of minimum pressing time under referenced conditions**

This European Standard specifies a laboratory method of determining the minimum pressing time for two glue line thicknesses, close contact and 0,2 mm or 0,3 mm, at three temperatures and three wood moisture contents. This European Standard is intended to determine the minimum pressing time using a defined procedure for obtaining a reliable base for comparison of minimum pressing time between adhesives under referenced conditions. The method gives a result that cannot be applied to the safe manufacture of timber structures without taking into account the influence in variation of factors such as timber density, moisture content, factory temperature and relative air humidity.

Keel: en  
Alusdokumendid: prEN 15416-5  
Asendab dokumenti: EVS-EN 15416-5:2006  
**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN 15425

#### **Adhesives - One component polyurethane (PUR) for load-bearing timber structures - Classification and performance requirements**

This European Standard establishes a classification for one component polyurethane (PUR) adhesives according to their suitability for use in load-bearing timber structures in defined climatic exposure conditions; it specifies performance requirements for such adhesives for the factory manufacture or factory like manufacturing of load-bearing timber structures only. It also classifies "adhesive lines" where all the products within the line have almost identical physical/chemical properties and gluing performance, but different reactivity. This European Standard only specifies the performance of adhesives for use in an environment corresponding to the defined conditions. The performance requirements of this European Standard apply to the adhesives only, not to the timber structure. This European Standard does not cover the performance of adhesives for on-site gluing (except for factory-like conditions) nor the production of wood-based panels, except solid wood panels, or modified and stabilized wood with considerably reduced swelling and shrinkage properties, e.g. such as acetylated wood, heat treated wood and polymer impregnated wood. This European Standard is primarily intended for the use of adhesive manufacturers and for the use in timber structures bonded with adhesives, to assess or control the quality of adhesives. The requirements apply to the type testing of the adhesives. Production control activities are outside the scope of this European Standard. Adhesives meeting the requirements of this European Standard are adequate for use in load-bearing timber structure, provided that the bonding process has been carried out according to an appropriate product standard.

Keel: en  
Alusdokumendid: prEN 15425  
Asendab dokumenti: EVS-EN 15425:2008  
**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN 302-8

#### **Adhesives for load-bearing timber structures - Test methods - Part 8: Static load test of multiple bond line specimens in compression shear**

This European Standard specifies a method of determining the ability of adhesive bonds to resist static load. It is applicable to adhesives used in load bearing timber structures. It is suitable for the following applications: a) for assessing the compliance of adhesives according to EN 301, EN 15425 and EN 16254; b) for assessing the suitability and quality of adhesives for load-bearing timber structures; c) for assessing the effect on the bond strength resulting from constant load at different climate conditions. This method is intended primarily to obtain performance data for the classification of adhesives for load bearing timber structures according to their suitability for use in defined climatic environments. This method is not intended to provide data for structural design, and does not necessarily represent the performance of the bonded member in service.

Keel: en  
Alusdokumendid: prEN 302-8  
Asendab dokumenti: EVS-EN 15416-2:2008  
**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEN ISO 20568-1

#### **Plastics - Fluoropolymer dispersions and moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO/DIS 20568-1:2015)**

1.1 This part of ISO 20568 establishes a system of designation for fluoropolymer materials, which may be used as the basis for specifications. 1.2 The various types of fluoropolymer are differentiated from each other by a classification system based on appropriate levels of the designatory properties.

Keel: en  
Alusdokumendid: ISO/DIS 20568-1:2015; prEN ISO 20568-1  
Asendab dokumenti: EVS-EN ISO 12086-1:2006  
Asendab dokumenti: EVS-EN ISO 12086-1:2006/AC:2007  
**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 91 EHITUSMATERJALID JA EHITUS

### FprEN 12209

#### **Building hardware - Mechanically operated locks and locking plates - Requirements and test methods**

This European Standard specifies requirements and test methods for durability, strength, security and functionality of mechanically operated locks and their locking plates: a) for use in doors in buildings; b) for use on fire and smoke compartmentation doors fitted with door closing devices, to enable such doors to close reliably and thus achieve self-closing in the event of fire; and c) for use on locked fire doors to maintain the fire integrity of the door assembly. This European standard covers locks and their locking plates which are either manufactured and placed on the market in their entirety by one producer or produced by more than one producer, or assembled from sub-assemblies produced by more than one producer and designed to be used in combination. This European Standard specifies mechanically operated locks and locking systems intended for use in different environmental and

security conditions, thus necessitating different grades. This European standard does not specify Multipoint locks or their locking plates which are specified by prEN 15685. This European Standard specifies the dimensions and properties required for security Assessment of the contribution of the product to the fire resistance of specific fire resistance and/or smoke control door set assemblies is beyond the scope of this European Standard.

Keel: en

Alusdokumendid: FprEN 12209 rev

Asendab dokumenti: EVS-EN 12209:2006

Asendab dokumenti: EVS-EN 12209:2006/AC:2006

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **FprHD 60364-6:2015**

#### **Low-voltage electrical installations - Part 6: Verification**

This part of IEC 60364 provides requirements for initial and periodic verification of an electrical installation. Clause 6.4 provides requirements for initial verification, by inspection and testing, of an electrical installation to determine, as far as reasonably practicable, whether the requirements of the other parts of IEC 60364 have been met and requirements for the reporting of the results of the initial verification. The initial verification takes place upon the completion of a new installation or completion of an addition or an alteration to an existing installation. Clause 6.5 provides requirements for periodic verification of an electrical installation to determine, as far as reasonably practicable, whether the installation and all its constituent equipment are in a satisfactory condition for use and requirements for the reporting of the results of the periodic verification.

Keel: en

Alusdokumendid: FprHD 60364-6:2015; IEC 60364-6:201X (64/2008/CDV) (EQV)

Asendab dokumenti: EVS-HD 60364-6:2007

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 12635**

#### **Industrial, commercial and garage doors and gates - Information for use**

This European Standard specifies the information to be provided by the door manufacturer and the components manufacturer to ensure safe installation, operation, use (including maintenance and repair) of doors, gates and barriers intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises. This European Standard also covers commercial doors such as rolling shutters and rolling grilles used in retail premises which are mainly provided for the access of persons rather than vehicles or goods. This European Standard applies to manually operated and power operated doors, to doors and components intended to be installed by "non professional installers" and may also apply to the installation and use of upgrading component(s). The European Standard only applies to the doors and components manufactured after the date of publication.

Keel: en

Alusdokumendid: prEN 12635

Asendab dokumenti: EVS-EN 12635:2003+A1:2009

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 1504-2**

#### **Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete**

This document specifies requirements for the identification, performance (including durability aspects), safety and evaluation of conformity of products and systems to be used for surface protection of concrete, to increase the durability of concrete and reinforced concrete structures, as well as for new concrete and for maintenance and repair work. The surface protective methods covered by this document are the following: - hydrophobic impregnation; - impregnation; - coating. When products and systems complying with this standard are used in flooring applications that involve substantial mechanical loading, they shall also satisfy the requirements of EN 13813. Wall paints in buildings which are not intended to protect or reinstate the integrity of a concrete structure are not covered by this standard. This standard does not apply to anti-graffiti products or systems.

Keel: en

Alusdokumendid: prEN 1504-2

Asendab dokumenti: EVS-EN 1504-2:2007

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16798-5-1**

#### **Energy performance of buildings - Modules M5-6, M5-8, M6-5, M6-8, M7-5, M7-8 - Ventilation for buildings - Calculation methods for energy requirements of ventilation and air conditioning systems - Part 5-1: Distribution and generation (revision of EN 15241) - Method 1**

Table 1 shows the relative position of this standard within the EN EPB set of standards. (...) This draft standard covers energy performance calculation of mechanical ventilation and air conditioning systems. It takes into account the generation (air handling unit) and distribution (duct system) parts. It does not cover the emission part (calculation of the required volume flow rates and/or supply air conditions), which is covered in prEN 16798-7 (revised EN 15242). A calculation method for compact ventilation systems with integrated heating/cooling generation, using a monthly or seasonal calculation time step, is provided in a separate standard prEN 16798-5-2.

Keel: en

Alusdokumendid: prEN 16798-5-1  
Asendab dokumenti: EVS-EN 15241:2007  
Asendab dokumenti: EVS-EN 15241:2007/AC:2011

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16863**

#### **Thermal insulation products for buildings - Factory made reflective insulation products (RI) - Specification**

This European Standard specifies the requirements for factory made reflective insulation products, which are used for the thermal insulation of buildings. The products are manufactured in the form of rolls, boards or sheets and are used in conjunction with an air space or spaces and in non load-bearing applications. It applies to thermal insulation products that derive a proportion of their claimed thermal properties from the presence of one or more reflective or low emissivity surfaces together with any associated airspace(s). This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. This European Standard covers the use of products for heat retention in buildings (cold or temperate climate) and an informative annex provides for the provision of further information on the product performance for applications with downwards heat flow.

Keel: en

Alusdokumendid: prEN 16863

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16864**

#### **Building hardware - Mechatronic padlocks - Requirements and test methods**

This European Standard specifies requirements for performance and testing of mechatronic padlocks (MPs) and their keys and/or electronic keys. It establishes categories of use based on performance tests and grades of security based on design requirements and on performance tests that simulate attack. If the design incorporates mechanical security means in addition to the mechatronic means, these are also tested. This European Standard does not cover any other element of a security system, other than those directly involved in the control of a padlock. This European Standard does not cover the physical testing of multi-function devices such as Smartphones that may be used as part of the control system.

Keel: en

Alusdokumendid: prEN 16864

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN 16867**

#### **Building hardware - Mechatronic door furniture - Requirements and test methods**

A mechatronic door furniture (MDF) fitted on the door set which gives the possibility to control the locking and/or release part in a door opening through an electronic authorisation means. This can be operable by credentials (ie card, code, biometric etc.) The mechatronic door furniture according to this standard is combined with locks according to EN 12209, EN 14846, prEN 15685 or is a part of an emergency exit devices according to EN 179, EN 1125 or prEN 13637. The mechatronic door furniture may be standalone or linkable to an external control system. The standard would allow classifying the mechatronic door furniture upon several characteristics such as category of use, durability, environmental, security, type of operating device. The suitability of the mechatronic door furniture for use on fire or smoke-door assemblies is determined by fire performance tests conducted in addition to the performance testing specified by this European standard, see Annex A. This European standard does not cover: Mechatronic cylinders according to EN 15684 Electromechanical operated locks and striking plates are according to EN 14846

Keel: en

Alusdokumendid: prEN 16867

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 10211**

#### **Thermal bridges in building construction - Heat flows and surface temperatures - Detailed calculations (ISO/DIS 10211:2015)**

The work concerns revision of the existing standard. The scope will not change significantly.

Keel: en

Alusdokumendid: ISO/DIS 10211:2015; prEN ISO 10211

Asendab dokumenti: EVS-EN ISO 10211:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 10545-16 rev**

#### **Ceramic tiles - Part 16: Determination of small colour differences and light reflectance values (ISO/DIS 10545-16:2015)**

This part of ISO 10545 describes methods for utilizing colour measuring instruments: — for quantifying the small colour differences between plain coloured ceramic tiles, which are designed to be of uniform and consistent colour. It permits the specification of a maximum acceptable value which depends only on the closeness of match and not on the nature of the colour difference; NOTE 1 Colour variations produced for artistic purposes are not covered in this part of ISO 10545. NOTE 2 This test should only be used

when small colour differences between plain coloured tiles are important in a specification or by agreement. — for determining the Light Reflectance Value (LRV) of ceramic tiles. The method of test is applicable to tiles that have multi-coloured surfaces including those that cause extreme angular dependences of reflected light and those that have a surface texture of < 2 mm.

Keel: en

Alusdokumendid: prEN ISO 10545-16 rev; ISO/DIS 10545-16:2015

Asendab dokumenti: EVS-EN ISO 10545-16:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 13370**

#### **Thermal performance of buildings - Heat transfer via the ground - Calculation methods (ISO/DIS 13370:2015)**

The work concerns revision of the existing standard. The scope will not change significantly.

Keel: en

Alusdokumendid: ISO/DIS 13370:2015; prEN ISO 13370

Asendab dokumenti: EVS-EN ISO 13370:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 13786**

#### **Thermal performance of building components - Dynamic thermal characteristics - Calculation methods (ISO/DIS 13786:2015)**

The work concerns revision of the existing standard. The scope will not change significantly.

Keel: en

Alusdokumendid: ISO/DIS 13786:2015; prEN ISO 13786

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 13789**

#### **Thermal performance of buildings - Transmission and ventilation heat transfer coefficients - Calculation method (ISO/DIS 13789:2015)**

The work concerns revision of the existing standard. The scope will not change significantly.

Keel: en

Alusdokumendid: ISO/DIS 13789:2015; prEN ISO 13789

Asendab dokumenti: EVS-EN ISO 13789:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 14683**

#### **Thermal bridges in building construction - Linear thermal transmittance - Simplified methods and default values (ISO/DIS 14683:2015)**

ISO 14683:2007 deals with simplified methods for determining heat flows through linear thermal bridges which occur at junctions of building elements. ISO 14683:2007 specifies requirements relating to thermal bridge catalogues and manual calculation methods. Default values of linear thermal transmittance are given in Annex A for information.

Keel: en

Alusdokumendid: prEN ISO 14683; ISO/DIS 14683:2015

Asendab dokumenti: EVS-EN ISO 14683:2008

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### **prEN ISO 16890-3**

#### **Air filters for general ventilation - Part 3: Determination of the gravimetric efficiency and the airflow resistance versus the mass of test dust captured**

This International Standard refers to particulate air filters for general ventilation having an initial efficiency of less than 99 % with respect to PM1 values as defined in ISO 16890-1 Air filters for general ventilation - Part 1: Technical specifications, requirements and efficiency classification system based upon Particulate Matter (PM). Filters used in the ventilation of low-rise residential buildings or in portable room-air cleaners are excluded from the scope of this standard. This International standard describes the procedure to determine the gravimetric efficiency and the resistance to airflow for a given air cleaning device. After determination of the initial particle removal efficiency and the conditioned particle removal efficiency, the filter element is loaded with synthetic dust until its final test pressure drop is reached. The pressure drop curve versus the dust loading is recorded during the course of dust loading to determine the test dust holding capacity. The performance results obtained in accordance with this series of standards cannot by themselves be quantitatively applied to predict performance in service with regard to efficiency and lifetime. Other factors influencing performance to be taken into account are described in Annex A (informative).

Keel: en

Alusdokumendid: ISO/DIS 16890-3:2015; prEN ISO 16890-3

**Arvamusküsitluse lõppkuupäev: 08.08.2015**



## prEN ISO 16890-4

### **Air filters for general ventilation - Part 4: Conditioning method to determine the minimum fractional test efficiency (ISO/DIS 16890-4:2015)**

This International Standard refers to particulate air filters for general ventilation having an initial efficiency of less than 99 % with respect to 0,4 µm particles. Filters used in the ventilation of low-rise residential buildings or portable room-air cleaners are excluded from the scope of this standard. It describes the technical specifications, requirements and a method of conditioning (discharging) filters in an artificial aging step to provide information about the intensity of the electrostatic removal mechanism. The method is applicable for air flow rates between 0,25 m<sup>3</sup>/s (900 m<sup>3</sup>/h, 530 ft<sup>3</sup>/min) and 1,5 m<sup>3</sup>/s (5400 m<sup>3</sup>/h, 3178 ft<sup>3</sup>/min), referring to a test duct with a nominal face area of 0,61 m x 0,61 m. Filters in the higher end and above 99 % initial efficiency with respect to 0,4 µm particles are tested and classified according to other standards (see ISO 29463, part 1-5). Filters according to this series of standards are rated by their removal efficiency to PM10, PM2.5 and PM1 aerosol fractions. The particle collection efficiency of the filter element is measured as a function of the particle size in the range of 0,3 to 10 µm of the unloaded and unconditioned filter element. In a second step, a full filter element shall be conditioned (discharged) in an artificial aging step to provide information about the intensity of the electrostatic removal mechanism. The results from this second step are used to calculate the average efficiency in each of the PM10, PM2.5 and PM1 size ranges by weighting the fractional efficiency values according to the standardized and normalized particle size distribution of the related fraction of the ambient aerosol. This standardized and normalized particle size distribution is defined in this standard.

Keel: en

Alusdokumendid: ISO/DIS 16890-4:2015; prEN ISO 16890-4

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## prEN ISO 6946

### **Building components and building elements - Thermal resistance and thermal transmittance - Calculation methods (ISO/DIS 6946:2015)**

The work concerns revision of the existing standard. The scope will not change significantly.

Keel: en

Alusdokumendid: ISO/DIS 6946:2015; prEN ISO 6946 rev

Asendab dokumenti: EVS-EN ISO 6946:2008

Asendab dokumenti: EVS-EN ISO 6946:2008/AC:2011

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## prEVS 875-1

### **Vara hindamine. Osa 1: Hindamise mõisted ja põhimõtted Property valuation - Part 1: Valuation Concepts and Principles**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard on standardisarja EVS 875 "Vara hindamine" sissejuhatav osa, milles antakse ülevaade hindamisega seotud mõistetest, põhimõtetest ja eesmärkidest, mis on olulised hindamise kui kutseala mõistmiseks ning standardite rakendamiseks. Tegemist on standardi EVS 875-1:2010 "Hindamise üldised alused" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-1:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## prEVS 875-2

### **Vara hindamine. Osa 2: Varade liigid Property valuation - Part 2: Types of Properties**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard on standardisarja EVS 875 "Vara hindamine" sissejuhatav osa, milles antakse ülevaade hindamisega seotud mõistetest, põhimõtetest ja eesmärkidest, mis on olulised hindamise kui kutseala mõistmiseks ning standardite rakendamiseks. Tegemist on standardi EVS 875-2:2010 "Hindamise üldised alused" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-2:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## prEVS 875-3

### **Vara hindamine. Osa 3: Hindamise alused Property valuation - Part 3: Valuation Bases**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad,

audiitorid), krediidasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard määratleb väärtused, mida vara hindamise standardid hõlmavad.

Keel: et

Asendab dokumenti: EVS 875-3:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **prEVS 875-4**

### **Vara hindamine. Osa 4: Hindamise head tavad ja hindamistulemuste esitamine Property valuation - Part 4: Code of Conduct and Valuation Reporting**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard käsitleb varade hindaja kutsemääratlust, hindaja kutse-eetikat ja hindamistoimingu läbiviimise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisarannete vormidele. See standard on standardisarja "Vara hindamine" osa, mille objektiks on hindamise heade tavade ja hindamistulemuste esitavate nõuete määratlemine. Tegemist on EVS 875-4:2015 "Hindamise head tavad ja hindamistulemuste esitamine" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-4:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **prHD 60364-4-46:2015**

### **Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching**

This chapter deals with non-automatic local and remote isolation and switching measures which prevent or remove dangers associated with electrical installations or electrically powered equipment.

Keel: en

Alusdokumendid: prHD 60364-4-46:2014

Asendab dokumenti: EVS-HD 384.4.46 S2:2003

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

#### **prHD 60364-5-537:2015**

### **Low voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear - Clause 537: Isolation and switching**

No Scope Available

Keel: en

Alusdokumendid: prHD 60364-5-537:2014

Asendab dokumenti: EVS-HD 384.5.537 S2:2008

**Arvamusküsitluse lõppkuupäev: 08.07.2015**

## **93 RAJATISED**

#### **prEN 1793-1**

### **Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions**

This European Standard specifies the laboratory method for measuring the sound absorption performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic sound absorption performance of devices that can reasonably be assembled inside the testing facility described in EN ISO 354. This method is not intended for the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed on roads in non-reverberant conditions. The test method in EN ISO 354 referred to in this European Standard excludes devices that act as weakly damped resonators. Some devices will depart significantly from these requirements and in these cases care is needed in interpreting the results.

Keel: en

Alusdokumendid: prEN 1793-1

Asendab dokumenti: EVS-EN 1793-1:2012

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

#### **prEVS 875-1**

### **Vara hindamine. Osa 1: Hindamise mõisted ja põhimõtted Property valuation - Part 1: Valuation Concepts and Principles**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades

nii era- kui avaliku sektori vajadusi. See standard on standardisarja EVS 875 "Vara hindamine" sissejuhatav osa, milles antakse ülevaade hindamisega seotud mõistetest, põhimõtetest ja eesmärkidest, mis on olulised hindamise kui kutseala mõistmiseks ning standardite rakendamiseks. Tegemist on standardi EVS 875-1:2010 "Hindamise üldised alused" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-1:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEVS 875-2

#### **Vara hindamine. Osa 2: Varade liigid** **Property valuation - Part 2: Types of Properties**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard on standardisarja EVS 875 "Vara hindamine" sissejuhatav osa, milles antakse ülevaade hindamisega seotud mõistetest, põhimõtetest ja eesmärkidest, mis on olulised hindamise kui kutseala mõistmiseks ning standardite rakendamiseks. Tegemist on standardi EVS 875-2:2010 "Hindamise üldised alused" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-2:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEVS 875-3

#### **Vara hindamine. Osa 3: Hindamise alused** **Property valuation - Part 3: Valuation Bases**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard määratleb väärtused, mida vara hindamise standardid hõlmavad.

Keel: et

Asendab dokumenti: EVS 875-3:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

### prEVS 875-4

#### **Vara hindamine. Osa 4: Hindamise head tavad ja hindamistulemuste esitamine** **Property valuation - Part 4: Code of Conduct and Valuation Reporting**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui avaliku sektori vajadusi. See standard käsitleb varade hindaja kutsemääratlust, hindaja kutse-eetikat ja hindamistoimingu läbiviimise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. See standard on standardisarja "Vara hindamine" osa, mille objektiks on hindamise heade tavade ja hindamistulemuste esitavate nõuete määratlemine. Tegemist on EVS 875-4:2015 "Hindamise head tavad ja hindamistulemuste esitamine" uustöötusega.

Keel: et

Asendab dokumenti: EVS 875-4:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## 97 OLME. MEELELAHUTUS. SPORT

### FprEN 12520

#### **Furniture - Strength, durability and safety - Requirements for domestic seating**

This European standard specifies the minimum requirements for the safety, strength and durability of all types of domestic seating for adults. It does not apply to ranked seating, seating for non-domestic use, office work chairs, office visitors chairs, chairs for educational institutions, outdoor seating and to links for linked seating for which European Standards exist. It does not include requirements for the durability of upholstery materials, castors, reclining and tilting mechanisms and seat height adjustment mechanisms. The tests are based on use by persons weighing up to 110 kg. It does not include requirements for electrical safety. It does not include requirements for the resistance to ageing, degradation, flammability and ergonomics.

Keel: en

Alusdokumendid: FprEN 12520

Asendab dokumenti: EVS-EN 12520:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## **FprEN 12521**

### **Furniture - Strength, durability and safety - Requirements for domestic tables**

This European standard specifies the minimum requirements for the safety, strength and durability of all types of domestic tables for use by adults, including those with glass in their construction. It does not apply to office tables or desks, tables for non-domestic use, tables for educational institutions and outdoor tables for which EN standards exist. It does not apply to tables where the table top is not fixed to the understructure, i.e. when applying test 3, Table 2, the top becomes detached from the understructure. With the exception of stability tests, the standard does not provide assessment of the suitability of any storage features included in domestic tables. It does not include requirements for the durability of castors and height adjustment mechanisms. It does not include requirements for electrical safety. It does not include requirements for the resistance to ageing and degradation. Annex A (informative) contains a table top deflection test.

Keel: en

Alusdokumendid: FprEN 12521

Asendab dokumenti: EVS-EN 12521:2009

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## **prEN 16873**

### **Conservation of cultural heritage - Guidelines for management of waterlogged wood on terrestrial sites of archaeological significance**

This draft European Standard provides guidelines for safeguarding waterlogged wood on terrestrial sites of archaeological or historical significance. It deals with the protection of archaeological and historical waterlogged wood, from the time of exposure during and after excavation, until it reaches the conservation laboratory. The standard cannot be applied to the management of underwater sites, controlled reburial, in situ preservation, or long term post excavation storage. Composite artefacts of wood and other materials are also excluded from the standard.

Keel: en

Alusdokumendid: prEN 16873

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

## **prEN 958**

### **Mountaineering equipment - Energy absorbing systems for use in klettersteig (via ferrata) climbing - Safety requirements and test methods**

This European Standard specifies safety requirements and test methods for energy absorbing systems (EAS) for use in climbing on a Via Ferrata.

Keel: en

Alusdokumendid: prEN 958

Asendab dokumenti: EVS-EN 958:2007+A1:2010

**Arvamusküsitluse lõppkuupäev: 08.08.2015**

# TÖLKED 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.

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast [standardimisprogrammist](#).

## EVS-EN 12101-8:2011

### Suitsu ja kuumuse kontrollsüsteemid. Osa 8: Suitsutõkkeklapid

Selles Euroopa standardis käsitletakse suitsutõkkeklappe, mis on turule toodud ja mõeldud kasutamiseks osana rõhuvaheüsteemist või suitsu ja kuumuse eemaldamise süsteemist. Selles standardis täpsustatakse nõuded ja viidatakse katsemeetoditele, mis on kehtestatud suitsutõkkeklappidele ja nendega seotud komponentidele, nagu näiteks aktivaatorid, mis on mõeldud paigaldamiseks sellistesse hoonesisestesse süsteemidesse. Lisaks kirjeldatakse seda, kuidas hinnata toodete vastavust käesoleva standardi nõuetele. Peale selle esitatakse teavet kõnealuste toodete märgistamise ning paigalduse ja hoolduse kohta. Standardis eristatakse kaht suitsutõkkeklappide kategooriat – üht tuletokeksotsiooni teenindavad suitsutõkkeklapid ja mitut tuletokeksotsiooni teenindavad tulekindlad suitsutõkkeklapid. Selles Euroopa standardis käsitletavat suitsutõkkeklappe saab paigaldada suitsu kontrollsüsteemi kanalitele või kanalite pinnale. Samuti saab neid paigaldada seinale, põrandale või lae-/katuseelementide sisse või nende elementide pinnale. Korduste vältimiseks viidatakse mitmesugustele muudele standarditele. Seetõttu tuleb käesolevat standardit lugeda koos standarditega EN 13501-4, EN 1366-10 ja EN 1366-2, milles on esitatud üksikasjad katseahjus läbi viidavate katsete kohta. Selles standardis ei käsitleta üksikasjalikult kahjulikke ja/või söövitavaid mõjusid, mida võivad põhjustada õhus leiduvad protsessikemikaalid, mis tõmmatakse tahtlikult või tahtmatult läbi süsteemi.

Keel: et

Alusdokumendid: EN 12101-8:2011

**Kommenteerimise lõppkuupäev: 08.07.2015**

## EVS-EN 12595:2014

### Bituumen ja bituumensideained. Kinemaatilise viskoossuse määramine

Käesolev Euroopa standard käsitleb meetodit bituumensideainete kinemaatilise viskoossuse määramiseks temperatuuridel 60 °C ja 135 °C ja vahemikus 6 mm<sup>2</sup>/s kuni 300 000 mm<sup>2</sup>/s. Teistel temperatuuridel määramine on võimalik, kui on teada kalibreerimistegurid. Bituumenemulsioonid selle meetodi käsitlusalasse ei kuulu. MÄRKUS See meetod ei ole mõeldud bituumensideainete sisaldavate emulsioonide jaoks. Meetodit võib küll kasutada emulsioonidest stabiliseeritud ja/või taastatud sideainete puhul. Kui on teada katsetatava materjali tihedus või saab seda määrata, võib selle meetodi tulemusi kasutada ka dünaamilise viskoossuse arvutamiseks. HOIATUS — Käesoleva Euroopa standardi kasutamine võib kätkeada ohtlikke materjale, toiminguid ja seadmeid. Käesoleva Euroopa standardi eesmärgiks ei ole käsitleda kõiki selle kasutamisega seotud ohutusprobleeme. On käesoleva standardi kasutaja kohus teha kindlaks ohud ja hinnata riskid, mis on seotud selle katsemeetodi läbiviimisega ja rakendama piisavalt kontrollimeetmeid kaitsmaks igat katsetajat (ja keskkonda). See sisaldab asjakohaste tervishoiu- ja ohutusnõuete kehtestamist ning regulatiivpiirangute kasutamiseelset rakendamist.

Keel: et

Alusdokumendid: EN 12595:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

## EVS-EN 12596:2014

### Bituumen ja bituumensideained. Dünaamilise viskoossuse määramine vaakumkapillaaris

See Euroopa standard käsitleb meetodit bituumensideainete dünaamilise viskoossuse määramiseks 60 °C juures vahemikus 0,0036 Pa·s kuni üle 580000 Pa·s, kasutades vaakumkapillaarviskosimeetrit. Bituumenemulsioonid selle meetodi käsitlusalasse ei kuulu. Märkus 1: See meetod ei ole mõeldud bituumensideainete sisaldavate emulsioonide jaoks. Meetodit võib küll kasutada emulsioonidest stabiliseeritud ja/või taastatud sideainete puhul. Märkus 2: Mõnede polümeermoodifitseeritud bituumenite (PMB) viskoosne käitumine ei avaldu vaakumkapillaarviskosimeetris. Muud meetodid on selleks rohkem asjakohased. HOIATUS — Käesoleva Euroopa standardi kasutamine võib kätkeada ohtlikke materjale, toiminguid ja seadmeid. Käesoleva Euroopa standardi eesmärgiks ei ole käsitleda kõiki selle kasutamisega seotud ohutusprobleeme. On käesoleva standardi kasutaja kohus teha kindlaks ohud ja hinnata riskid, mis on seotud selle katsemeetodi läbiviimisega ja rakendama piisavalt kontrollimeetmeid kaitsmaks igat katsetajat (ja keskkonda). See sisaldab asjakohaste tervishoiu- ja ohutusnõuete kehtestamist ning regulatiivpiirangute kasutamiseelset rakendamist.

Keel: et

Alusdokumendid: EN 12596:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

## EVS-EN 12597:2014

### Bituumen ja bituumensideained. Terminoloogia

See standard määratleb terminid erinevat tüüpi tee või tööstus bituumenite ja bituumenist saadud sideainetele. See standard käsitleb vaid CEN/TC 336 käsitlusalasse kuuluvaid materjale, st vaid naftast saadud materjale. See ei peaks seega laienema naftavälise päritoluga "orgaaniliste" sideainetele nagu näiteks kivisöetõrv ja selle derivaatidele ega looduslikele asfaltidele. Siiski on mõned terminid antud ka mõnedele välistatud materjalidele ja nendega seotud terminitele. Vastavad terminid on esitatud vaid

siis, kui need esinesid toote või protsessi määratluses ja nende määratlust oli vajalik mõistetavuse eesmärgil või mitmetähenduslikkuse vältimiseks. Selle Euroopa standardiga hõlmatud materjalid on näidatud joonisel 1. MÄRKUS See joonis näitab ka selget erinevust CEN/TC 336 käsitlusalas olevate ja sinna mittekuuluvate materjalide vahel

Keel: et

Alusdokumendid: EN 12597:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 13163:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud polüstüreenist tooted (EPS). Spetsifikatsioon**

See standard esitab nõuded hoonete soojustamiseks kasutatavatele tööstuslikult valmistatud jäiga või painduva kattekihiga või ilma kattekihita paisutatud polüstüreenist toodetele. Tooted valmistatakse kas plaatidena, rullikujulisena või mõnel muul kujul (tasapinnalised, koonilised, punniga, soveldatud, sulunditega, profileeritud jne). Selles standardis käsitletavad tooteid kasutatakse ka heliisolatsioonina, samuti tööstuslikult valmistatud soojustusüsteemides ning liitpaneelides; neid tooteid sisaldavate süsteemide toimivust selles standardis ei käsitleta. See standard kirjeldab toodete omadusi ja esitab katsetamise, vastavushindamise, märgistamise ja tähistamise protseduurid. Standard ei spetsifitseeri antud omaduse nõutavat taset, mille saavutamine näitaks toote sobivust konkreetseks kasutusotstarbeks. Konkreetse kasutusotstarbe puhul nõutavad tasemed ja klassid on toodud õigusaktides või sobivates standardites. Tooted, mille deklareeritud soojustakistus on alla 0,25 m<sup>2</sup>K/W või deklareeritud soojuseri juhtivus temperatuuril 10 °C on suurem kui 0,060 W/(m<sup>2</sup>K), ei kuulu selle standardi käsitlusalasse. Selle standardi käsitlusalasse ei kuulu kasutuskoahas valmistatavad isolatsioonitooted (kaetud standarditega FprEN 16025-1 ja -2), tehnoseadmete ja tööstuspaigaldiste isoleerimiseks ettenähtud tooted (kaetud standardiga EN 14309), rajatistes kasutamiseks ettenähtud tooted (kaetud standardiga EN 14933) ja põrandate tala-plokk süsteemides kasutamiseks ettenähtud tooted (kaetud standardiga EN 15037-4).

Keel: et

Alusdokumendid: EN 13163:2012+A1

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 13164:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud ekstrudeeritud vahtpolüstüreenitooted (XPS). Spetsifikatsioon**

See standard esitab nõuded hoonete soojustamiseks kasutatavatele tööstuslikult valmistatud kattekihiga või ilma kattekihita, pealiskihiga või ilma pealiskihita ekstrudeeritud vahtpolüstüreenitoodetele. Tooted valmistatakse tahvlite kujul, mis on saadaval ka erineva serva- ja pinnatöötlusega (sulundiide, ülekatteliide jne). Selles standardis käsitletavad tooteid kasutatakse ka monteeritavates soojustusüsteemides ja liitpaneelides; kuid neid tooteid sisaldavate süsteemide toimivust selles standardis ei käsitleta. See standard kirjeldab toodete omadusi ja esitab katsetamise, vastavushindamise, märgistamise ja tähistamise menetlused. See standard ei spetsifitseeri antud omaduse nõutavat taset, mille saavutamine näitaks toote sobivust konkreetseks kasutusotstarbeks. Konkreetse kasutusotstarbe puhul nõutavad tasemed on toodud õigusaktides või sobivates standardites. Tooted, mille deklareeritud soojustakistus on alla 0,25 m<sup>2</sup>K/W või mille deklareeritud soojuseri juhtivus temperatuuril 10 °C on suurem kui 0,060 W/(m<sup>2</sup>K), ei kuulu selle standardi käsitlusalasse. Selle standardi käsitlusalasse ei kuulu kasutuskoahas valmistatavad soojustustooted ega tooted, mis on ette nähtud seadmete ja tööstuspaigaldiste soojustamiseks (kaetud standardiga EN 14307), samuti rajatiste soojustustooted (kaetud standardiga EN 14934).

Keel: et

Alusdokumendid: EN 13164:2012+A1:2015

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 14509:2013**

#### **Isekandvad kahepoolsete katteplekkidega sändvitšpaneelid. Tööstuslikult valmistatud tooted. Spetsifikatsioonid**

See Euroopa standard spetsifitseerib nõuded tehases valmistatud isekandvatele kahelt poolt plekiga kaetud sändvitštüüpi soojustuspaneelidele, mis on ette nähtud paigaldamiseks sulund- või ülekattega pikiliidetega ühendatavate üksikelementidena järgmistest rakendustes: a) katused ja katusekatted; b) välisseinad ja fassaadikatted; c) hoonekarbi seinad (kaasa arvatud vaheseinad) ja laed. See Euroopa standard hõlmab järgmisi südamiku soojustusmaterjale: jäik polüüretaan, vaht-polüstüreen, ekstrudeeritud vahtpolüstüreen, fenovaht, klaasvill ja mineraalvill. MÄRKUS Polüüretaan (PUR) sisaldab polüisotsüaanuretaani (PIR). See Euroopa standard hõlmab ka neid paneele, mille servad on valmistatud paneeli südamiku põhilisest soojustusmaterjalist erinevatest materjalidest. See Euroopa standard hõlmab ka külmhoonetes kasutatavaid paneele. Neid paneele, mida turustatakse kui külmutusladuses, hoonetes ja/või hoonekarbikomplektides kasutatavaid komponente käsitleb ETA-Guideline 021 "Cold storage premises kits" („Külmhoonete ehituskomplektid“). See Euroopa standard ei hõlma: i. sändvitšpaneele, mille südamiku soojustuse soojuseri juhtivus temperatuuril 10 °C on suurem kui 0,06 W/m<sup>2</sup>K; ii. tooteid, mille südamik koosneb kahest või enamast erineva soojustusmaterjali selgesti eristatavast kihist (mitmekihilised tooted); iii. perforatsiooniga katteplekiga/-plekkidega paneele. iv. kumeraid paneele.

Keel: et

Alusdokumendid: EN 14509:2013

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 14915:2013**

#### **Täispuidust seina- ja laevooderdis. Omadused, vastavushindamine ja märgistus**

See Euroopa standard määrab kindlaks asjakohased omadused ja sobivad katsemeetodid nende omaduste määramiseks seinaja laevooderdiseks (kaasa arvatud välisvooderdiseks) kasutatavatele täispuittoodetele: - seinaja- ja laevooderdis sisetingimustes kasutamiseks; - seinaja- ja laevooderdis välitingimustes kasutamiseks. Standard määrab kindlaks nende toodete vastavushindamise ja märgistamise nõuded. See Euroopa standard ei hõlma jäikuselementidena kasutamiseks ettenähtud plaate. See Euroopa standard ei hõlma ripplagede puitvooderdist. See Euroopa standard ei hõlma immutamise, pinnakatmise või modifitseerimise protsesse. See Euroopa standard ei hõlma kihtpuidust valmistatud tooteid. See Euroopa standard hõlmab immutatud, immutamata ja kaetud pinnaga tooteid, kaasa arvatud neid, mis on termiliselt või keemiliselt modifitseeritud puidust, samuti sõrmjätkatud ja servliimitud tooteid. MÄRKUS Pinnakatmise ja immutamise eeskirju võib leida kasutuskohas kehtivatest dokumentidest. See Euroopa standard hõlmab tooteid, mis on vastavuses standarditega EN14519, EN 15146 ja EN 14951 ja teisi täispuittooteid, mis on valmistatud kasutamiseks seinaja- ja laevooderdises.

Keel: et

Alusdokumendid: EN 14915:2013

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 15437-1:2009**

## **Raudteelased rakendused. Teljelaagripukside seisundi jälgimine. Ühilguvus ja projekteerimisnõuded. Osa 1: Veeremi teljelaagrite ülekuumenemise avastamise seaded ja veeremi teljelaagripuks**

Käesolev standardi EN15437 osa kirjeldab teeäärse teljelaagrite ülekuumenemise seiresüsteemi (TÜS) ja veeremi vahelise ühilduvuse miinimumnõudeid, mis ühtivad Euroopa koostoime tagamise direktiivide nõuetega ning tagavad vähima veeremi ja infrastruktuuri vahelise ühilduvuse olemasolu. Ühilduvuse miinimumnõuded rakenduvad: a) Euroopa standardrööpmelaiusega (1435 mm) veeremile; b) Väliste teljelaagritega veeremiüksustele. MÄRKUS: Sisemiste teljelaagritega veeremiüksuste telgede konstruktsioon peab vastama punkti 5.2 märkuses 2 esitatud nõuetele. a) Veeremile max. kiirusega kuni ja kaasa arvatud 250 km/h MÄRKUS 1 Tegemist on vastavalt veeremi KTKs defineeritud tavarauddete- ja klassi 2 kiirraudteeveeremiga. MÄRKUS 2 Koostoimevõimelisele veeremile konstruktiivse kiirusega üle 250 km/h (klassi 1 kiirraudteeveeremile) on kohustuslik pardal asuvate teljelaagri seisundi seiresüsteemide olemasolu. Nõuded nimetatud süsteemidele on kirjeldatud käesoleva standardi praegu koostamisel olevas osas 2. MÄRKUS 3 Koostoimevõimeline veerem konstruktiivse kiirusega üle 250 km/h (klassi 1 kiirraudteeveerem) ei kuulu käesoleva standardi skoopi. Samas, kui on nõutav klassi 1 kiirraudteeveeremi kontrollimine TÜS poolt, peab nende kontrollala ühilduma käesolevas standardis kirjeldatuga, välja arvatud siis, kui on kirjeldatud teisiti. b) TÜSid, mis on nõutavad tava- ja klassi 2 kiirraudteeveeremi seisundi kontrolliks. Veeremi nõuded ühilduvuse tagamiseks on kirjeldatud jaotises 5 ja TÜS nõuded ühilduvuse tagamiseks jaotises 6. Käesoleva osa (osa 1) käsitlusala ei hõlma: — Ratta ülekuumenemise seiresüsteemi (RÜT). Samas on RÜT-d sageli üles seatud koostoimes TÜS-iga rajamaks kahepoolset seiresüsteemi. Käesolev standard ei välista sellist kombinatsiooni; — Meetodeid, kuidas TÜS mõõdab temperatuuri ja tuvastab teljekoostu asendit. See on üksiku süsteemi konstruktsiooni osa ning ei kuulu standardis kirjeldatud funktsionaalsuse nõuete hulka; — TÜS poolt tuvastatud ja edastatud info käitlusnõudeid; — TÜS hooldusnõudeid.

Keel: et

Alusdokumendid: EN 15437-1:2009

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 16489-1:2014**

## **Professionaalsed UV-päevitusteenused siseruumides. Osa 1: Nõuded koolituste korraldamisele**

Standardi EN 16489 osa 1 täpsustab õppesisu, mis on vajalik siseruumides UV-nõustajate koolitamiseks. Standardi EN 16489 osa 1 täpsustab ka protseduurid, kuidas tuleb hinnata ja anda kvalifikatsiooni õppuritele. Nõudmised naha päevitamiseks mõeldud UV-seadmetele on sellest Euroopa standardist välja jäetud, kuna need kuuluvad standardi EN 60335-2-27 käsitlusalasse.

Keel: et

Alusdokumendid: EN 16489-1:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 16489-2:2014**

## **Professionaalsed UV-päevitusteenused siseruumides. Osa 2: Päevituskeskuse nõustaja kvalifikatsiooni- ja pädevusnõuded**

See Euroopa standard täpsustab hädavajalikke nõudeid päevituskeskuse nõustajate teadmistele, oskustele, pädevusele ja kvalifikatsioonile. Seda Euroopa standardit ei kohaldata UV-kiirguse kasutamiseks siseruumides meditsiiniliseks otstarbeks. Nõudmised nahaga kokkupuutuvatele UV-seadmetele on sellest Euroopa standardist välja jäetud, kuna need kuuluvad standardi EN 60335-2-27 käsitlusalasse.

Keel: et

Alusdokumendid: EN 16489-2:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

### **EVS-EN 16489-3:2014**

## **Professionaalsed UV-päevitusteenused siseruumides. Osa 3: Nõuded teenuse osutamiseks**

See Euroopa standard määratleb nõuded teenuste osutamisele ja nende hindamisele siseruumides päevitusteenuse osutamiseks ja aitab kaasa tarbija kaitse parandamisele professionaalsete päevitusteenuste osutamisel siseruumides. Seda Euroopa standardit ei kohaldata UV-kiirguse kasutamiseks siseruumides meditsiiniliseks otstarbeks. Nõudmised nahaga kokkupuutuvatele UV-seadmetele on sellest Euroopa standardist välja jäetud, kuna need kuuluvad standardi EN 60335-2-27 käsitlusalasse.

Keel: et

Alusdokumendid: EN 16489-3:2014

Kommenteerimise lõppkuupäev: 08.07.2015

### **EVS-EN 50130-4:2011+A1:2014**

## **Alarmisüsteemid. Osa 4: Elektromagnetiline ühilduvus. Tooteperekonna standard: Häiringukindluse nõuded tulekahju-, sissemurde- ja kallaletungialarmisüsteemide, videovalvesüsteemide, juurdepääsukontrollisüsteemide ja personaal-appikutsesüsteemide komponentidele**

Antud tooteperekonna EMÜ taluvuse nõuete standard kehtib järgmistele häiresüsteemide komponentidele, mis on mõeldud kasutamiseks elu-, kommerts-, kergetööstus- ja tööstuskeskkondades hoonete sisemuses ning ümbruses: – juurdepääsu kontrolli süsteemid, turvarakendusteks; – häire ülekande süsteemid 1); – suletud televisioonisüsteemid, CCTV süsteemid, turvarakendusteks; – Tulekahju avastamise ja tulekahjuhäire süsteemid; – personaalappikutsesüsteemid; – sissetungi alarmi süsteemid; – sotsiaalalarmi süsteemid; Teostatavad katsed ning nende raskusaste on sama nii sise- kui ka välistingimustes kasutatavatele paiksetele, teisedatavatele kui ka kantavatele seadmetele. Toodud nivood ei kohaldu äärmuslikeks juhtumiteks, mis võivad harva esineda mistahes paigas või eri paikades võimsate kiirgusallikate lähedal (nt radarid). Antud standardi käsituslusalasse kuuluv seadmestik peab olema kavandatud selliselt, et see toimiks rahuldavalt elamu-, äri- ning kergetööstuse ning tööstuslikus elektromagnetilises keskkonnas. See tähendab seda, et seadmed peaks olema võimelised eesmärgipäraselt töötama EMÜ häiringutasemetel, mis on esitatud avalike madalpinge toitesüsteemidele standardis EN 61000-2-2. Selles standardis on kirjeldatud ainult kõige kriitilisemaid häiringunähtusi. Seadmete jaoks, mis kasutavad sideks raadiokanaleid, toitevõrgu pealstatud signaale või avalikku telefonivõrku, võib kohaldada lisanõudeid, mis tulenevad teistest vastava valdkonna spetsiifilistest standarditest. See standard ei sätesta põhilisi ohutusnõudeid nagu kaitse elektrilööki eest, ohtlike toimingute, isolatsiooni koordineerimise ja sellega seotud isolatsiooni tugevuse katseid. See standard ei hõlma EMÜ emissiooniga seotud nõudeid. See osa on kaetud teiste asjakohaste standarditega. 1) Välja arvatud seadmed, mis on üldkasutatavate sidevõrkude osad.

Keel: et

Alusdokumendid: EVS-EN 50130-4:2011; EVS-EN 50130-4:2011/A1:2014

Kommenteerimise lõppkuupäev: 08.07.2015

### **EVS-EN 54-2:1999/A1:2006**

## **Automaatne tulekahjusignalisatsioonisüsteem. Osa 2: Keskseadmed**

Käesolev standard käsitleb hoonetesse paigaldatava automaatse tulekahjusignalisatsiooni keskseadmele (vt seade B joonisel 1 EN 54-1) esitatavaid nõudeid, katsemeetodeid ja toimimiskriteeriume.

Keel: et

Alusdokumendid: EN 54-2:1999/A1:2006

Kommenteerimise lõppkuupäev: 08.07.2015

### **EVS-EN 60034-30-1:2014**

## **Pöörlevad elektrimasinad. Osa 30-1: Võrgutoiteliste vahelduvvoolumootorite tõhususklassid (IE-kood)**

IEC 60034 käesolev osa sätestab energiatõhususklassid ühekiiruselistele elektrimootoritele, mis vastavad standardile IEC 60034-1 või IEC 60079-0 ja on ette nähtud talitlemiseks siinisel toitepingel ning on järgmiste omadustega: • tunnusvõimsus PN on 0,12 kW kuni 1000 kW; • tunnuspinge UN on 50 V kuni 1 kV; • pooluste arv on 2, 4, 6 või 8; • on võimelised talitlema kestvalt tunnusvõimsusel, kusjuures nende ületemperatuur ja isolatsiooni sätestatud temperatuuriklass jäävad ettenähtud piiridesse; MÄRKUS 1 Enamik selles standardis käsitletavatest mootoritest on ette nähtud nimitalitusviisile S1 (kestevalitus). Mõned mootorid aga, mis on ette nähtud muudele talitusviisidele, on samuti võimelised talitlema kestvalt nende tunnusvõimsusel; standard käsitleb ka neid mootoreid. • on tähistatud vastavalt mingile ümbrustemperatuurile vahemikus –20 °C kuni +60 °C; MÄRKUS 2 Ettenähtud tõhusus ja tõhususklassid põhinevad vastavalt standardile IEC 60034-2-1 ümbrustemperatuuril +25 °C. MÄRKUS 3 Mootorid, mille ettenähtud ümbrustemperatuur on väljaspool vahemikku –20 °C kuni +60 °C, loetakse eriehitusega mootoriteks ja on käesolevast standardist seetõttu välja jäetud. MÄRKUS 4 Suitsueraldusmootorid temperatuuriklassiga kuni 400 °C on käesolevas standardis arvesse võetud. • on tähistatud kõrguse järgi merepinnast kuni 4000 m. MÄRKUS 5 Ettenähtud tõhusus ja tõhususklassid põhinevad kõrgusel merepinnast kuni 1000 m. See standard kehtestab tõhususe piirväärtuste kogumi, mis põhineb sagedusel, pooluste arvul ja mootori võimsusel. Ei arvestata erinevusi, mis on tingitud mootori valmistamisviisist, toitepingest ja tugevdatud isolatsioonist ja mis on spetsiaalselt ette nähtud talitluseks koos muunduriga, kuna mitte kõik selliste mootorite valmistamisviisid ei pruugi olla võimelised saavutama kõrgemaid tõhususklasside (vt tabel 1). See teeb mootorite erisugused valmistamisviisid täielikult võrreldavateks, arvestades nende energiatõhususe saavutamise võimalusi. MÄRKUS 6 Reguleerivad organisatsioonid peavad arvestama ülaltoodud piiranguid rahvuslike minimaalsete energiatõhususstandardite väljatöötamisel, arvestades mootorite eriliike. See standard ei kehti jõuajamisüsteemide tõhususe kohta. Eriti ei kehti see toitepinge harmoonilistest tingitud kadude kohta mootoris, kadude kohta kaablites, filtrites ja sagedusmuunduris. Standard kehtib mootorite kohta, mille äärikute, käppade ja/või völli mõõtmed erinevad standardis IEC 60072-1 esitatust. Standard kehtib reductormootorite kohta, sealhulgas mittestandardsete völli ja äärikutega mootorite kohta. Standardist on välja jäetud • kümne- või enampooluselised mitmekiiruselised mootorid; • mehaaniliste kommutaatoritega (nt alalisvoolu-) mootorid; • mootorid, mis on täielikult ühitatud töömasinaga (nt pumbaga, ventilaatoriga või kompressoriga) ega võimalda seetõttu katsetamist töömasinast eraldi, isegi kui on ette nähtud ajutised otsakiibid ja ajami otsalaagrid. See tähendab, et a) mootoril peab olema ühiseid komponente (peale ühenduselementide nagu nt poltide) käitatava masinaga (nt völli või ümbris) ja b) mootor ei tohi olla sellise ehitusega, et see võimaldaks mootorit käitatavast masinast eraldada kui tervikmootorit, mis võib talitleda käitatavast masinast eraldi. Seega peab mootor, mis on sellest standardist välja jäetud, jääma pärast eraldamisprotsessi mittetalitlevaks. (TEAO, IC418) Õhu käes olevad täielikult suletud masinad, s.t täielikult suletud välispinnajahutusega masinad, mis on ette nähtud väliseks jahutamiseks väljaspool masinat paikneva ventilaatori abil, on selle standardiga haaratud. Selliste mootorite tõhususe katsetamist võib sooritada ventilaatori eemaldamisega ja jahutamiseks välise puhuri abil, mille õhuvool on samasugune nagu



originaalventilaatoril. • mootorid, mis on varustatud külgeehitatud muunduritega, kui mootorit ei saa katsetada muundurist eraldi. Kompaktajami energiatõhususklassifikatsioon peab põhinema komplekttootel (jõuajamisüsteemil) ja tuleb määratleda omaette standardis. MÄRKUS 7 Mootor ei ole välja jäetud, kui mootorit ja muundurit saab teineteisest eraldada, kusjuures mootorit saab katsetada muundurist sõltumatult. • pidurmootorid, kui pidur on mootoris sisse ehitatud ja kui seda ei saa mootori tõhususe katsetamise ajal välja võtta ega eraldi energiaallikast toita. MÄRKUS 8 Pidurmootorid, mille pidurmagnet on ehitatud mootori äärikusse, on selle standardiga haaratud, kui mootori tõhusust saab katsetada ilma kadudeta piduris (nt piduri eemaldamise teel või piduri mähise toitmise teel eraldi energiaallikast). Kui tootja teatel on mootor kas piduriga või ilma pidurita ühesuguse ehitusega, võib mootori tõhususe katsetamine toimuda ilma pidurita. Määratletud tõhusust võib seejärel kasutada nii mootori kui ka pidurmootori hindamisel. • sukeldatavad mootorid, mis on spetsiaalselt ette nähtud täielikuks sukeldamiseks vedelikku; • suitsueraldusmootorid temperatuuriklassiga üle 400 °C.

Keel: et

Alusdokumendid: IEC 60034-30-1:2014; EN 60034-30-1:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **EVS-EN 60601-2-43:2010**

### **Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimumisnäitajatele**

Kohaldatav on põhistandardi IEC 60601-1:2005 "Medical electrical equipment – Part 1: General requirements for basic safety and essential performance" jaotis 1 järgmiste erisustega: 201.1.1 \*Käsitusala Asendus: Käesolev rahvusvaheline standard on kohaldatav selliste RÖNTGENSEADMETE ESMASELE OHUTUSELE ja OLULISTELE TOIMUMISNÄITAJATELE, mis on TOOTJA poolt kinnitatud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES, ja mida edaspidi nimetatakse MENETLUSRÖNTGENSEADMETEKS. Selle käsitusala on välja jäetud: – KIIRITUSRAVIS kasutatavad seadmed; – KOMPUUTERTOMOGRAAFIA seadmed; – PATSIENDI kehasse sisestamiseks mõeldud TARVIKUD; – mammograafilised RÖNTGENSEADMED; – dentaalRÖNTGENSEADMED. 201.1.2 Eesmärk Asendus: Käesoleva eristandardi eesmärgiks on: – sätestada ESMASE OHUTUSE ja OLULISTE TOIMUMISNÄITAJATE erinõuded FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES kasutatavate RÖNTGENSEADMETE, mis on määratletud alajaotises 201.3.203, projekteerimisele ja valmistamisele. – täpsustada teave, mis tuleb selle MENETLUSRÖNTGENSEADMEGA tagada abiks VASTUTAVALE ORGANISATSIOONILE või OPERAATORILE nendest protseduuridest tuleneva KIIRGUSRISKI ja seadme tõrkerISKI, mis võib kahjustada PATSIENTI või personali, haldamisel. 201.1.3 Kollateraalsandardid Täiendus: Käesolevas eristandardis viidatakse asjakohastele kollateraalsandarditele, mis on loetletud põhistandardi jaotises 2 ja käesoleva eristandardi jaotises 201.2. IEC 60601-1-2 ja IEC 60601-1-3 on kohaldatavad nii, nagu on muudetud vastavalt jaotistes 202 ja 203. IEC 60601-1-8 ja IEC 60601-1-10 ei ole kohaldatavad. Kõik muud standardiseerimis IEC 60601-1 välja antud kollateraalsandardid on kohaldatavad avaldatud tingimustel. 201.1.4 Eristandardid Asendus: Standardiseeria IEC 60601 eristandardid võivad muuta, asendada või tühistada põhistandardis või kollateraalsandardites sätestatud nõudeid käsitletavate EM-SEADMETE liigi kohaselt, samuti lisada täiendavaid nõudeid ESMASELE OHUTUSELE ja OLULISTELE TOIMUMISNÄITAJATELE. Eristandardi nõuded on põhistandardi suhtes prioriteetsed. Lühidalt, käesolevas eristandardis osutatakse standardile IEC 60601-1 kui põhistandardile. Kollateraalsandarditele osutatakse nende dokumendinumbrite järgi.

Keel: et

Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **EVS-EN ISO 15609-2:2002+A1:2004**

### **Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri spetsifikaat. Osa 2: Gaaskeevitus**

Käesolev Euroopa Standard määratleb nõuded gaaskeevituse Keevitusprotseduuri Spetsifikaadi sisule. See standard on osa standardisarjast, mille üksikasjad on toodud standardi prEN ISO 15607, lisas A. Selles standardis loetletud muutujad mõjutavad keeviliite kvaliteeti.

Keel: et

Alusdokumendid: EN ISO 15609-2:2001; ISO 15609-2:2001; EN ISO 15609-2:2001/A1:2003

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **EVS-EN ISO 3650:1999**

### **Toote geomeetriselised spetsifikatsioonid (GPS). Pikkuse etalonid. Otsmõõdud**

Käesolev rahvusvaheline standard määratleb ristkülikukujulise ristlõikega pikkusotsmõõtude olulised konstruktsioonilised ja metrooloogilised parameetrid nimipikkustele 0,5 mm kuni 1000 mm. Piirhälbed ja tolerantsid esitatakse kalibreerimiseks mõeldud täpsusklassile K ja erinevateks mõõteülesanneteks mõeldud täpsusklassidele 0, 1 ja 2.

Keel: et

Alusdokumendid: ISO 3650:1998; EN ISO 3650:1998

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **EVS-EN ISO 5817:2014**

### **Keevitus. Tera, nikli, titaani ja nende sulamite sulakeevitusliited (välja arvatud kiirguskeevituse meetodid). Kvaliteeditasemed keevitusdefektide järgi**

Standard esitab kvaliteeditasemed keevitusdefektide järgi sulakeevitatud keeviliidetes (välja arvatud kiirguskeevitus) kõikele teraste, nikli, titaani tüüpidele ning nende sulamitele. Seda rakendatakse materjali paksustel  $\geq 0,5$  mm. Standard hõlmab täielikult läbikeevitatud pötkõmblusi ja nurkõmblusi. Standardi põhimõtteid võib samuti kasutada osalise läbikeevitusega pötkõmbluste

jaoks. (Kiirguskeevituse meetoditega valmistatud keevisliidete kvaliteeditasemed on toodud standardis ISO 13919-1). Välja pakutud kolm kvaliteeditaset on antud selliselt, et need hõlmavad laia keevitustoodete valmistusala. Kvaliteeditasemed on tähistatud tähtedega B, C ja D. Kvaliteeditase B vastab lõpetatud keevisõmbluse kõige kõrgematele nõuetele Arvesse on võetud erinevat tüüpi koormusi, nt staatilist koormust, termilist koormust, korrosioonkoormust, rõhukoormust. Lisajuhised väsimuskoormuste korral on toodud lisas C. Kvaliteeditasemed viitavad tootmisele ja heale töömeisterlikkusele. Standard laieneb: a) mittelegeerterastele ja legeerterastele; b) niklile ja nikli sulamitele; c) titaanile ja titaani sulamitele; d) käsitsi, mehaniseeritud ja automaatkeevitusele; e) kõigile keevitusasenditele; f) kõikidele keevisõmbluse tüüpidele, nt põkkõmblustele, nurkõmblustele ja hargmikliidetele, ja g) järgmistele keevitusprotsessidele ja alamprotsessidele, nagu on defineeritud standardis ISO 4063: — 11 metallkaarkeevitus ilma kaitsegaasita; — 12 räubustikaarkeevitus, kaarkeevitus räubusti all; — 13 kaitsegaaskaarkeevitus; — 14 kaitsegaaskaarkeevitus sulamatu volframelektroodiga; — 15 plasmakaarkeevitus; — 31 hapnik-atsetüleengeevitus, gaaskeevitus (ainult terastele). Standard ei käsitle keevitamise metallurgilisi aspekte, nagu metallitera suurus ja kõvadus.

Keel: et

Alusdokumendid: ISO 5817:2014; EN ISO 5817:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **EVS-EN ISO 658:2002**

### **Õliseemned. Lisandite sisalduse määramine**

See rahvusvaheline standard kirjeldab meetodit lisandite sisalduse määramiseks õliseemnetes, mida kasutatakse peamiselt tööstustoorainena. Standard määratleb ka erinevaid fraktsioonide liigitusrühmi, mille all mõeldakse tavaliselt lisandeid.

Keel: et

Alusdokumendid: ISO 658:2002; EN ISO 658:2002

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **EVS-EN ISO 9308-1:2014**

### **Vee kvaliteet. Escherichia coli ja coli-laadsete bakterite arvukuse määramine. Osa 1: Membraanfiltratsiooni meetod, sobib kasutamiseks madala bakteriaalse fooniga vee analüüsimiseks**

Standardi ISO 9308 esimene osa spetsifitseerib meetodi Escherichia coli (E. coli) ja coli-laadsete bakterite arvukuse määramiseks. Meetodi põhiastjad on proovi filtreerimine läbi membraanfiltrit, membraanfiltrile kogutud bakterite kasvatamine koos filtriga coli-bakterite kromogeensõotmel, filtrile kasvanud bakterikolooniate loendus ning lõpptulemiste arvutamine. Kuna üldjuhul on agarsõotmete selektiivsus madal, siis võib bakteririkka pinnavee ja madalate kaevude vee E. coli ja coli-laadsete bakterite sisalduse määramist häirida taustakasv. Seega ei sobi käesolev meetod väga kõrge bakterisisaldusega vee analüüsimiseks. Standardi ISO 9308 esimene osa sobib eelkõige vähese bakterisisaldusega vee, kolooniate arvukus kromogeensõotmel kuni 100, analüüsimiseks. Sellisteks veteks on joogivesi, desinfitseeritud basseiniavesi või veepuhastusjaamas puhastusprotsessi läbinud joogivesi. Mõned E. coli tüvesid, mis on  $\beta$ -D-glükuronidaas-negatiivne nagu Escherichia coli O157, ei arvestata E. coli hulka. Kuna Escherichia coli O157 on  $\beta$ -D-galaktosidaas-positiivne loetakse see kromogeensõotmel kasvatamisel coli-laadseteks bakteriks.

Keel: et

Alusdokumendid: ISO 9308-1:2014; EN ISO 9308-1:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **prEVS-EN 61439-5**

### **Madalpingelised aparaadikoosted. Osa 5: Avalike elektrivõrkude elektrijaotuskoosted**

Käesolev standardi IEC 61439 osa kehtestab erinõuded avalike elektrivõrkude elektrijaotuskoostetele (jaotuskoostetele). Jaotuskoosted peavad vastama järgmistele kriteeriumidele: - kasutatakse elektrienergia jaotamiseks kolmefaasilistes süsteemides nimivahelduvpingega mitte üle 1000 V (vt tüüpilise jaotusvõrgu kujutis joonisel 101); - on kohtkindlad; - lahtised koosted ei ole käsitletavad käesoleva standardiga; - sobivad paigaldamiseks kohtades, kuhu on nende kasutamiseks juurdepääs ainult elektrilaisikutel, kuid välisjaotuskoosted võivad siiski olla paigaldatud ka kohtades, mis on juurdepääsetavad tavaisikutele; - on sise- või väliskasutuseks. Käesoleva standardi eesmärk on sõnastada jaotuskoostete määratlused ning sätestada nende talitlustingimused, ehitusnõuded, tehnilised omadused ja katsetused. Võrgu parameetrid võivad nõuda katsetusi kõrgemal sooritustasemel. Jaotuskoosted võivad samuti sisaldada elektrienergia jaotusega seotud juhtimis- ja/või signalisatsiooniseadmeid. Käesolev standard kehtib kõikide jaotuskoostete kohta, mis on toodetud nii ainuprojekti põhjal kui ka täielikult standardiseeritud masstoodanguna. Tootmine ja/või montaaž võib olla tehtud mitte üksnes algupärase tootja poolt (vt IEC 61439-1:2011 jaotis 3.10.1) Käesolev standard ei kehti üksikseadmete ja isekoostatud osiste kohta nagu mootorstarterid, sulavkaitse-lülid, elektroonikaseadmed jne, mis rahuldavad vastavate toodete standardeid. Käesolev standard ei kehti eritüüpi koostete kohta, mis on käsitletud standardi IEC 61439 sarjade teistes osades.

Keel: et

Alusdokumendid: IEC 61439-5:2014; EN 61439-5:2015; EN 61439-5:2015/AC:2015; IEC 61439-5/Cor 1:2015

**Kommenteerimise lõppkuupäev: 08.07.2015**

## **prEVS-EN 62353**

### **Elektrilised meditsiiniseadmed. Elektriliste meditsiiniseadmete korraline kontroll ja remondijärgne kontroll**

Seda rahvusvahelist standardit kohaldatakse standardile IEC 60601-1:1988 (teine väljaanne) ja tema muudatustele ning IEC 60601-1: 2005 (kolmas väljaanne) ja tema muudatustele vastavate ELEKTRILISTE MEDITSIINISEADMETE ja ELEKTRILISTE MEDITSIINISÜSTEEMIDE, edaspidi EM-SEADMED ja EM-SÜSTEEMID, või nende seadmete või süsteemide osade kontrollimiseks enne KASUTUSELEVÖTTU, TEHNILISE HOOLDUSE, ÜLEVAATUSE, TEENINDUSTÖÖDE ajal ja

REMONDIjärgselt või KORRALISEL KONTROLLIL, et hinnata EM-SEADMETE või EM-SÜSTEEMIDE või nende osade ohutust. Seadmete jaoks, mis ei ole ehitatud standardile IEC 60601-1 vastavalt, võib neid nõudeid kasutada, võttes arvesse seadmete projekteerimise ohutusnorme ja kasutusjuhendis olevat teavet. See standard sisaldab tabeleid piirmääradega standardi IEC 60601-1 eri väljaannetest. Selle standardi eesmärk on mõõtemetodite rakendamine sõltumatult väljaandest, millele vastavalt EM-SEADMED või EM-SÜSTEEMID on projekteeritud. See standard sisaldab: — „üldnõudeid“, mis sisaldavad üldist laadi jaotisi, ja — „erinõudeid“, edasised jaotised, mis käsitlevad EM-SEADMETE ja EM-SÜSTEEMIDE eritüüpe ja mida rakendatakse koos „Üldnõuetega“. MÄRKUS Sellel etapil ei ole erinõudeid. See standard ei ole sobilik hindamiseks, kas EM-SEADMED või EM-SÜSTEEMID või mis tahes teised seadmed järgivad oma konstruktsiooni poolset asjakohaseid standardeid. See standard ei ole kohaldatav EM-SÜSTEEMIDE koostamiseks. EM-SÜSTEEMIDE koostamiseks vaata standardi IEC 60601-1:2005 + IEC 60601-1:2005/AMD1:2012 peatükki 16. See standard ei määratle nõudeid EM-SEADMETE või EM-SÜSTEEMIDE REMONDILE, osade vahetamisele ja ÜMBERTEGEMISELE. Kogu TOOTJA juhiste vastavalt sooritatud TEHNILINE HOOLDUS, ÜLEVAATUS, TEENINDUSTÖÖD ja REMONT säilitab vastavuse standardile, mida on kasutatud seadme konstrueerimisel. Vastasel juhul tuleb kohaldatavatele nõuetele vastavust hinnata ja kontrollida enne käesoleva standardi testide sooritamist. Seda standardit saab kohaldada ka REMONDIjärgsel kontrollil. Standard IEC 60601-1:2005 + IEC 60601-1:2005/AMD1:2012 nõuab, et TOOTJA võtab ühe RISKIHALDUSPROTSESSI osana arvesse seda, kuidas on tagatud EM-SEADME või EM-SÜSTEEMI ohutus toote eluea jooksul. Osana riskihaldusprotsessist võib TOOTJA olla ära näidanud TEHNILISE HOOLDUSE protseduurid. See hõlmab EM-SEADME või EM-SÜSTEEMI jaoks vastavate testide määratlemist. TOOTJA võib olla määratlenud vajalikud mõõteseadistused ja -meetodid, kaasa arvatud kasutusjuhendites või muus KAASNEVAS DOKUMENTATSIOONIS toodud toimimisnäitajate kindlustamise testid. See standard sätestab järjepidevad testprotseduurid. Selle standardi eesmärk ei ole määratleda KORRALISE KONTROLLI välpa. Kui TOOTJA ei ole selliseid välpasid määratlenud, võib välpade kehtestamise jaoks kasutada lisa F. Elektripaigaldise, kaasa arvatud raviruumide TOITEVÕRGU ja sellega seotud kaabelduse testimine on sellest standardist välja jäetud. Need testid on hõlmatud standardis IEC 60364-7-710 või võrdväärsetes rahvuslikes standardites.

Keel: et

Alusdokumendid: IEC 62353:2014; EN 62353:2014

**Kommenteerimise lõppkuupäev: 08.07.2015**

### prEVS-ISO 13053-1

#### **Kvantitatiivsed meetodid protsessi parendamises. Kuus sigmat. Osa 1: DMAIC meetodika**

See osa ISO 13053 standardist kirjeldab äritegevuse parendamise meetodikat, mida tuntakse kuue sigmana. See meetodika hõlmab tüüpiliselt viit etappi: määratle, analüüsi, mõõda, parenda ja ohja (DMAIC). See osa ISO 13053 standardist soovib eelistatavaid või parimaid praktikaid kuue sigma projektide elluviimise käigus kasutatava DMAIC meetodika iga etapi kohta. Samuti antakse käesolevas ISO 13053 osas soovitusi Kuue Sigma projekti juhtimiseks ja kirjeldatakse sellistesse projektidesse kaasatud inimeste rolle, teadmisi ja väljaõpet. Antud ISO 13053 osa saavad kohaldada tootmis-, teenindus- ning operatiivnõuabehaldusprotsesse kasutavad organisatsioonid.

Keel: et

Alusdokumendid: ISO 13053-1:2011

**Kommenteerimise lõppkuupäev: 08.07.2015**

# 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 12832:2000**

### **Guideline for terminology, characteristics and type of sludges**

This European Standard defines terms for sludges described in the scope of CEN/TC308: storm water handling, night soil, urban wastewater collecting systems, urban wastewater treatment plants, treating industrial wastewater similar to urban wastewater, water supply treatment plants, water distribution systems, but excluding hazardous sludges from industry.

Keel: en

Alusdokumendid: EN 12832:1999

Tühistamisküsitluse lõppkuupäev: 08.07.2015

## TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Standardikeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mida ei avaldata Eesti standardina enne Euroopa organisatsiooni ja Standardikeskuse kokku lepitud dokumendi olemasolust avalikkuse teavitamise hilisemat tähtpäeva. Reeglina võib selliste teadete avaldamine olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samaaegselt nii eesti- kui ka ingliskeelsena.

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast [standardimisprogrammist](#). Täiendav teave standardiosakonnast: [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

### EN 933-8:2012+A1:2015

**Täitematerjalide geomeetriliste omaduste katsetamine. Osa 8: Peenosiste hindamine.**

**Liivekvivalendikatse**

**Tests for geometrical properties of aggregates - Part 8: Assessment of fines - Sand equivalent test**

Eeldatav avaldamise aeg Eesti standardina 07.2015

### EN 10027-2:2015

**Designation systems for steels - Part 2: Numerical system**

Eeldatav avaldamise aeg Eesti standardina 10.2015

### EN 12697-2:2015

**Asfaltsegud. Katsemeetodid. Osa 2: Terastikulise koostise määramine.**

**Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution**

Eeldatav avaldamise aeg Eesti standardina 07.2015

### EN 62106:2015

**Raadioandmeedastussüsteemi (RDS) spetsifikatsioon VHF/FM raadioringhäälingule**

**raadiosagedusvahemikus 87,5 MHz kuni 108,0 MHz**

**Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 MHz to 108,0 MHz**

Eeldatav avaldamise aeg Eesti standardina 01.2016

### EN 62493:2015

**Valgustusseadmete hindamine inimesele toimivate elektromagnetväljade järgi**

**Assessment of lighting equipment related to human exposure to electromagnetic Field**

Eeldatav avaldamise aeg Eesti standardina 01.2016

### EN ISO 17100:2015

**Translation Services - Requirements for translation services (ISO 17100:2015)**

Eeldatav avaldamise aeg Eesti standardina 11.2015

## AVALDATUD EESTIKEELSESD STANDARDIPARANDUSED

Selles rubriigis avaldame teavet Eesti standardite paranduste koostamise kohta. Standardiparandus koostatakse toimetusslikku laadi vigade (trükivead jms) kõrvaldamiseks standardist. Eesti standardi paranduse tähis koosneb standardi tähisest ja selle lõppu lisatud tähtedest AC.

Nt standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ. Parandatud standardi tähis reeglina ei muutu.

**EVS 920-5:2015/AC:2015**

**Katuseehitusreeglid. Osa 5: Lamekatused**

**Requirements for roof building. Part 5: Flat roofs**

# UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

## CEN ISO/TS 80004-6:2015

### Nanotehnoloogiad. Sõnastik. Osa 6: Nanoobjektide karakteriseerimine Nanotechnologies - Vocabulary - Part 6: Nano-object characterization (ISO/TS 80004-6:2013)

See tehniline spetsifikatsioon esitab nanoobjektide karakteriseerimisega seonduvate terminite ja määratluste loetelu.

## CEN/TR 16598:2014

### Kogumik põhjendustest standardile EN 1176. Nõuded Collection of rationales for EN 1176 - Requirements

See tehniline aruanne on mõeldud lugemiseks koos standardiga EN 1176. Selles aruandes antud põhjendused kirjeldavad peamisi põhjusi, mis peituvad standardis EN 1176 antud nõuete taga. Standardi nõuded on vahendid (nt mõõtmised, katsemeetodid jne), mille abil on eesmärgid mõeldud saavutada.

## CEN/TS 1992-4-5:2009

### Kinnituste projekteerimine betooni. Osa 4-5: Järelepaigaldatavad kinnituselemendid. Keemilised süsteemid

#### Design of fastenings for use in concrete - Part 4-5: Post-installed fasteners - Chemical systems

See dokument põhineb normkandevõimel ja -kaugustel, mis on määratletud Euroopa tehnilises spetsifikatsioonis. Üldiselt kehtivad arvutuspehmed toote mõõtmete  $6 \leq h_{ef}/d_{nom} \leq 20$  korral. Mingit tüüpi kinnituselemendi kohta kehtiva vahemiku võib leida asjakohasest Euroopa tehnilisest spetsifikatsioonist

## EVS-EN 1177:2008

### Lööki pehmendav mänguväljaku aluspinna kate. Kriitilise kukkumiskõrguse määramine Impact attenuating playground surfacing - Determination of critical fall height

See Euroopa standard määratleb meetodi mänguväljaku aluspinna kate lööki pehmendava omaduse kindlaks määramiseks. See määratleb „kriitilise kukkumiskõrguse“ (vt jaotist 3.2) aluspinna katele, olles selle efektiivsuse ülemiseks piiriks peavigastuse vähendamisel, kui mänguväljaku seadmete kasutamine vastab standardile EN 1176. Euroopa standardis kirjeldatud katsemeetodid on rakendatavad katsetele, mida viiakse läbi laboratooriumis ning kohapeal.

## EVS-EN 12259-1:2003+A2+A3

### Paiksed tulekustutussüsteemid. Sprinkler- ja veepihustussüsteemide komponendid. Osa 1: Sprinklerid Fixed firefighting systems - Components for sprinkler and water spray systems - Part 1: Sprinklers

See standard sätestab nõuded soojuse mõjul elemendi oleku muutumise või klaasampulli purunemise toimet rakenduvate sprinklerite konstruktsioonile ja talitlusele ning kasutamisele automaatsetes sprinklersüsteemides vastavalt EN 12845 „Automaatsed sprinklersüsteemid. Projekteerimine ja paigaldamine“. Ära toodud on ka katsemeetodid ja soovitatav tüübiheakskiidu katsete tabel. MÄRKUS Kõik surveandmete puhul on käesolevas Euroopa standardis toodud surveühikuna baar.

## EVS-EN 1537:2013

### Geotehniliste eritööde tegemine. Pinnaseankrud Execution of special geotechnical work - Ground anchors

1.1 See Euroopa standard käsitleb pinnasesse injekteeeritud pinnaseankruid, mis on pingestatud ja katsetatud. Neid võib kasutada alalistes või ajutistes rakendustes. MÄRKUS Selle standardi mõiste „ankur (ankrud)“ tähistab „pinnaseankrut (pinnaseankruid)“. 1.2 Ankrud on projekteeritud kooskõlas standardiga EN 1997-1 ja katsetatud kooskõlas standardikavandiga prEN ISO 22477-5. 1.3 Tüüpilised nakke ja survestamise tüüpi ankrud on näidatud joonistel 1 ja 2. 1.4 Termin „pinnas“ all mõeldakse pinnast, kaljut ja olemasolevat või enne ehitustööd paigaldatud täitepinnast. 1.5 Pinnaseankrute kavandamine ja projekteerimine vajab kogemusi ja teadmisi selles spetsiaalses valdkonnas. 1.6 Paigaldamine ja katsetamine nõuab oskuslikku, kvalifitseeritud tööd ja järeelvalvet. 1.7 See standard ei asenda spetsialistidest personali teadmisi ja kogemusi ehitustöötajate asjatundlikkus on selle standardi kasutamisel nõutav. 1.8 See standard ei käsitle selliseid süsteeme nagu tõmbeviad, kruviankrud, mehaanilised ankrud, pinnase naelutamine, plaatankrud või ekspanderankrud, kuna need ei täida selle standardi nõudeid.

## EVS-EN 1930:2011

### Lastele kasutamiseks ja laste hooldamiseks mõeldud tooted. Turvabarjäärid. Ohutusnõuded ja katsemeetodid Child use and care articles - Safety barrier - Safety requirements and test methods

See Euroopa standard määratleb ohutusnõuded ja katsemeetodid laste turvabarjääridele koduseks kasutamiseks siseruumides, mis on konstrueeritud paigaldamiseks avaustele, et piirata lapse juurdepääsu kodus ning hoida ära kuni 24 kuu vanuste väikelaste läbipääsemine. See Euroopa standard ei rakendu toodetele, mis on konstrueeritud paigaldamiseks akendele.

### [EVS-EN 1995-1-1:2005/A2:2014](#)

**Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks**  
**Eurocode 5: Design of timber structures - Part 1-1: General - Common rules and rules for buildings**

EVS-EN 1995-1-1:2005 muudatus A2.

### [EVS-EN 1995-1-1:2005+A1+NA+A2](#)

**Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks**  
**Eurocode 5: Design of timber structures - Part 1-1: General - Common rules and rules for buildings**

EN 1995 on rakendatav puitkonstruktsioonide projekteerimisel (saepuit, sh hõõveldatud ja ümarpuit, liimpuit, spoonliimpuit jm puidupõhised konstruktsioonid), samuti liimi või mehaaniliste sidemetega liidetud puidupõhiste plaatide projekteerimisel. Käesolev standard vastab standardiga EN 1990:2002 esitatud ohutus- ja kasutusnõuetele ning projekteerimisühendustele.

### [EVS-EN 60601-1-3:2008/A1:2013](#)

**Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele**  
**Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment (IEC 60601-1-3:2008/A1:2013)**

See rahvusvaheline standard kehtib elektriliste meditsiiniseadmete ja elektriliste meditsiinisüsteemide (edaspidi EM-seadmete ja EM-süsteemide) esmase ohutuse ja oluliste toimimisnäitajate kohta. See kollateraalsandard on kohaldatav sellistele röntgenseadmetele ja nende koostisosadele, mille puhul inimpatsiendi radioloogilist kujutist kasutatakse diagnoosimiseks, meditsiini protseduuride kavandamiseks või juhtimiseks.

### [EVS-EN 60601-1-3:2008+A1:2013](#)

**Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele**  
**Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment (IEC 60601-1-3:2008+IEC 60601-1-3:2008/A1:2013)**

See rahvusvaheline standard kehtib elektriliste meditsiiniseadmete ja elektriliste meditsiinisüsteemide (edaspidi EM-seadmete ja EM-süsteemide) esmase ohutuse ja oluliste toimimisnäitajate kohta. See kollateraalsandard on kohaldatav sellistele röntgenseadmetele ja nende koostisosadele, mille puhul inimpatsiendi radioloogilist kujutist kasutatakse diagnoosimiseks, meditsiini protseduuride kavandamiseks või juhtimiseks.

### [EVS-EN 62031:2008/A2:2015](#)

**Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded**  
**LED modules for general lighting - Safety specifications**

Standardi EVS-EN 62031:2008 muudatus.

### [EVS-EN 62031:2008+A1:2013+A2:2015](#)

**Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded**  
**LED modules for general lighting - Safety specifications**

See rahvusvaheline standard käsitleb järgmistele valgusdiodmoodulitele esitatavaid üld- ja ohutusnõudeid: valgusdiodmoodulid ilma integreeritud liiteseadisteta, talitlemiseks konstantsel pingel, konstantsel voolul või konstantsel võimsusel; ballastseadist sisaldavad valgusdiodmoodulid talitlemiseks alalis-toitepingel kuni 250 V või vahelduv-toitepingel kuni 1000 V sagedusega 50 Hz või 60 Hz. MÄRKUS 1 Eraldi paiknevale liiteseadisele esitatavad ohutusnõuded on sätestatud standardis IEC 61347-2-13. Eraldi paikneva liiteseadise toimivusnõuded on sätestatud standardis IEC 62384. MÄRKUS 2 Nõuded integreeritud liiteseadisega, lambisokliga varustatud valgusdiodmoodulitele (ballastseadist sisaldavatele lampidele), mis on ette nähtud kasutamiseks võrgutoitelises üldtarbevalgustuses, koos samasuguse sokliga lampide asendamise võimalusega, on sätestatud standardis IEC 60968 (olemasoleva väljaande muudatus või uue, laiema käsitlusala väljaanne on arutusel). Nõuded integreeritud liiteseadisega, lambisokliga varustatud valgusdiodmoodulitele (ballastseadist sisaldavatele lampidele), mis on ette nähtud kasutamiseks mitte-võrgutoitelises üldtarbevalgustuses, koos samasuguse sokliga lampide asendamise võimalusega, on arutusel. MÄRKUS 3 Kui selle standardi nõuded käivad mõlema valgusdiodmooduli liigi kohta, nii integreeritud liiteseadisega kui ka ilma selleta, kasutatakse terminit moodul. Kui kasutatakse terminit valgusdiodmoodul üksinda, mõeldakse selle all ilma integreeritud liiteseadiseta valgusdiodmoodulit. MÄRKUS 4 See standard sisaldab teavet fotobioloogilise ohutuse kohta.



#### **EVS-EN ISO 15613:2004**

### **Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Tootmiseelset keevituskatsel põhinev kvalifitseerimine Specification and qualification of welding procedure for metallic materials - Qualification based on pre-production welding test**

See Euroopa standard on osa standardisarjast, mille üksikasjad on toodud standardi EN ISO 15607:2003 lisas A. Standard määratleb, kuidas esialgne keevitusprotseduuri spetsifikaat atesteeritakse tootmiseelse katsetuse alusel. Standardi põhimõtteid võib rakendada ka teistele keevitusprotsessidele. Standard on rakendatav metalsete materjalide kaarkeevitamisel, gaaskeevitamisel, kiirkeevitamisel, kontaktkeevitamisel, vastakkeevitamisel ja hõrdkeevitamisel. Selle standardi kasutamist võib piirata rakendusstandard või spetsifikatsioon.

#### **EVS-HD 60364-4-42:2011/A1:2015**

### **Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects**

Standardi EVS-HD 60364-4-42:2011 muudatus.

#### **EVS-HD 60364-4-42:2011+A1:2015**

### **Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects**

IEC 60364 see osa kehtib elektripaigaldiste kohta, milles on vaja rakendada meetmeid inimeste, koduloomade ja vara kaitseks — elektriseadmetest põhjustatud kuumustoimete, materjalide süttimise või lagunemise ja põletuste riski eest; — tuleohu korral tekkivate leekide leviku eest elektripaigaldistest lähedal asuvatesse teistesse tuletõkkevaheseintega eraldatud ehitiseosadesse; — elektriseadmete, sealhulgas turvaseadmete toimivuse halvenemise eest. MÄRKUS 1 Kaitseks kuumustoimete eest võib rakendada rahvuslike õigusaktide nõudeid. MÄRKUS 2 Kaitse liigvoolude eest on sätestatud standardis IEC 60364-4-43.

#### **EVS-ISO 4037-2:2015**

### **Röntgeni ja gamma referentskiirguse dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks ja nende koste määramiseks sõltuvana footoni energiast. Osa 2: Kiirguskaitseline dosimeetria energiavahemikus 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV X and gamma reference radiation for calibrating dosimeters and dose rate meters and for determining their response as a function of photon energy -- Part 2: Dosimetry for radiation protection over the energy ranges from 8 keV to 1,3 MeV and 4 MeV to 9 MeV**

See standardi osa kirjeldab röntgeni ja gamma referentskiirguse dosimeetria protseduure kiirguskaitse instrumentide kalibreerimiseks energiavahemikus ligikaudu 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV. Nende referentskiirguste alusel saadud nominaalseid kermakiiruse väärtusi ja saamisviise kirjeldatakse standardi osas ISO 4037-1.

## STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest [enquiry@evs.ee](mailto:enquiry@evs.ee).

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 1177:2008	Lööke summutav mänguväljaku kate. Ohutusnõuded ja katsemeetodid	Lööki pehmendav mänguväljaku aluspinna kate. Kriitilise kukkumiskõrguse määramine
EVS-EN 13165:2012+A1:2015	Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud jäigast vahtpolüuretaanvahust (PUR) tooted. Spetsifikatsioon	Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud jäigast vahtpolüuretaanvahust (PU) tooted. Spetsifikatsioon
EVS-EN 62606:2013	Põhinõuded kaarlahendusrikkete indikaatorseadistele	Põhinõuded elektrikaare avastamise seadistele
EVS-EN ISO 15613:2004	Keevitusprotseduuri spetsifikatsioon ja kvalifitseerimine metallmaterjalidele. Tootmiseelset keevituskatsel põhinev kvalifitseerimine	Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Tootmiseelset keevituskatsel põhinev kvalifitseerimine

## UUED EESTIKEELSE PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN ISO/TS 80004-6:2015	Nanotechnologies - Vocabulary - Part 6: Nano-object characterization (ISO/TS 80004-6:2013)	Nanotehnoloogiad. Sõnastik. Osa 6: Nanoobjektide karakteriseerimine
CEN/TR 16598:2014	Collection of rationales for EN 1176 - Requirements	Kogumik põhjendustest standardile EN 1176. Nõuded
CEN/TS 1992-4-5:2009	Design of fastenings for use in concrete - Part 4-5: Post-installed fasteners - Chemical systems	Kinnituste projekteerimine betooni. Osa 4-5: Järelepaigaldatavad kinnituselemendid. Keemilised süsteemid
EVS-EN 12480:2015	Gas meters - Rotary displacement gas meters	Gaasiarvestid. Rootorgaasiarvestid
EVS-EN 14682:2015	Safety of children's clothing - Cords and drawstrings on children's clothing - Specifications	Lasterõivaste ohutus. Nöörid ja krookpaelad (ehk tõmbpaelad) lasterõivastel. Spetsifikatsioonid
EVS-EN 1537:2013	Execution of special geotechnical work - Ground anchors	Geotehniliste eritööde tegemine. Pinnaseankrud
EVS-EN 50615:2015	Household and similar electrical appliances - Safety - Particular requirements for devices for fire prevention and suppression for electric hobs (cooktops)	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Erinõuded elektriliste pliidiplaatide tulevältimis- ja tulekustutusseadistele
EVS-EN 54-27:2015	Fire detection and fire alarms systems - Part 27: Duct smoke detectors	Automaatne tulekahjusignalisatsioonisüsteem. Osa 27: Ventilatsioonikanali suitsuandurid
EVS-EN 60645-1:2015	Electroacoustics - Audiometric equipment - Part 1: Equipment for pure-tone audiometry	Elektroakustika. Audiomeetrid. Osa 1: Puhta siinustooni audiomeetrid

EVS-EN 60730-2-5:2015	Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems	Elektrilised automaatjuhtimisseadmed. Osa 2-5: Erinõuded automaatsetele elektrilistele põletijuhtimissüsteemidele
EVS-EN 61010-2-010:2014	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials	Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-010: Erinõuded laboratoorsetele materjalide kuumutamise seadmetele
EVS-EN 61010-2-081:2015	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes	Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-081: Erinõuded laboratoorsetele automaatsetele ja poolautomaatsetele analüüsi- ja muuotstarbelistele seadmetele
EVS-EN 61375-2-5:2015	Electronic railway equipment - Train communication network (TCN) - Part 2-5: Ethernet train backbone	Raudtee elektroonikaseadmed. Rongisisene kommunikatsioonivõrk. Osa 2-5: Rongi Ethernet magistraal
EVS-EN 61557-16:2015	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment	Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetamis-, mõõte- ja seireseadmed. Osa 16: Elektriseadmete ja/või meditsiiniliste elektriseadmete kaitseviiside tõhususe katsetamise seadmed
EVS-EN 62275:2015	Cable management systems - Cable ties for electrical installations	Juhistike ehitus. Elektripaigaldiste juhtmekõidised

## UUED HARMONEERITUD STANDARDID

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

Harmoneeritud standardiks nimetatakse EÜ direktiivide kontekstis Euroopa Komisjoni mandaadi alusel Euroopa standardimisorganisatsioonide koostatud ja vastu võetud standardid.

Harmoneeritud standardite kasutamise korral eeldatakse enamiku vastavate direktiivide mõistes, et standardi kohaselt valmistatud toode täidab direktiivi olulisi nõudeid ning on seega reeglina 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 ülevõtva 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 1999/5/EÜ Radio- ja telekommunikatsiooni terminalseadmed (EL Teataja 2015/C 125/01)

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	Direktiivi 1999/5/EÜ artikkel
EVS-EN 303 203-2 V1.1.1:2015 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raadiosagedusalas 2483,5 MHz kuni 2500 MHz töötavad patsiendi meditsiinilised jälgimissüsteemid (MBANS). Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel	14.04.2015			Artikli 3, lõige 2
EVS-EN 303 204-2 V1.1.1:2015 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Võrgupõhised lähitoimeseadmed (SRD); Raadiosagedusalas 870 MHz kuni 876 MHz töötavad raadioseadmed, kus võimsus ulatub kuni 500 mW; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel	14.04.2015			Artikli 3, lõige 2
EVS-EN 305 550-2 V1.2.1:2015 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raadiosagedusalas 40 GHz kuni 246 GHz töötavad raadioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel	14.04.2015			Artikli 3, lõige 2

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.

**Direktiiv 2006/95/EÜ**  
**Madalpingeseadmed**  
 (EL Teataja 2015/C 125/02)

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 60335-2-30:2010/AC:2015 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele	17.04.2015		

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.

**Direktiiv 97/67/EÜ**  
**Postiteenused**  
 (EL Teataja 2015/C 159/01)

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 13724:2013 Postiteenused. Postkastide ja postiluukide avad. Nõuded ja katsemeetodid	13.05.2015		
EVS-EN 13850:2012 Postiteenused. Teenuse kvaliteet. Prioriteetsete ja esimese klassi üksikute kirisaadetiste postitamisest kättetoimetamiseni kulgemisaja mõõtmine	13.05.2015		
EVS-EN 14012:2009 Postiteenused. Teenuse kvaliteet. Kaebuste läbivaatamise ja käsitlemise kord	13.05.2015		
EVS-EN 14142-1:2011 Postiteenused. Aadresside andmebaas. Osa 1: Postiaadresside komponendid	13.05.2015		
EVS-EN 14508:2006+A1:2010 Postiteenused. Teenuse kvaliteet. Mitteprioriteetsete ja teise klassi üksikute kirisaadetiste postitamisest kättetoimetamiseni kulgemisaja mõõtmine	13.05.2015		
EVS-EN 14534:2004+A1:2007 Postiteenused. Teenuse kvaliteet. Liht- ja teise astme postisaadetiste punktist-punkti teeninduse toimetamisaegade mõõtmine	13.05.2015		

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.