

Avaldatud 16.10.2017

# **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/PK 69 „Ehitusvaldkonnaga seotud kindlustus“ asutamine**

Komitee tähis: EVS/PK 69

Komitee nimi: Ehitusvaldkonnaga seotud kindlustus

Komitee asutamise kuupäev: 09.10.2017

Komitee käsitusala: Eesti standardile EVS 911 "Ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingute sõlmimine ja sisu" uustöötuse koostamine ja ehitusvaldkonna kindlustuse standardi loomine.

Komitee esimees: Karl Haavasalu

EVS koordinaator Sten Luide ([sten@evs.ee](mailto:sten@evs.ee))

# UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### **EVS JUHEND 4:2017**

#### **Eesti standardi ja standardilaadse dokumendi ülesehitus, sõnastus ja vormistus Structure, formulation and presentation of an Estonian Standard and publication**

See juhend kirjeldab Eesti standardite, standardilaadsete dokumentide ja nende kavandite ülesehituse, sõnastuse ning vormistamise nõudeid. Esitatud on ka nõuded dokumentide muudatuste ja paranduste kohta.

Keel: et

Asendab dokumenti: EVS JUHEND 4:2014

### **EVS-EN 62569-1:2017**

#### **Generic specification of information on products by properties - Part 1: Principles and method**

IEC 62569-1:2017 specifies several qualifiers to be used with object or (dictionary) properties and their values indicating life cycle and other aspects of the property. It is a prerequisite for the usage of the other parts of IEC 62569. This first edition cancels and replaces IEC PAS 62569-1:2009. This edition constitutes a technical revision.

Keel: en

Alusdokumendid: IEC 62569-1:2017; EN 62569-1:2017

### **EVS-EN 9300-005:2017**

#### **Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 005: Authentication and Verification**

EN 9300-005 describes the fundamentals and concepts of authentication and verification of the integrity of digital documents and their content during the archiving and retrieval processes. The Data Domain Parts EN 9300-x00 will specify qualification measures for the content of the document. The fundamentals given in this document cover the requirements, methods and recommendations for their implementation within an archiving system.

Keel: en

Alusdokumendid: EN 9300-005:2017

### **EVS-EN 9300-007:2017**

#### **Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 007: Terms and References**

This document defines the common terms, abbreviations and references used through the EN 9300 series of standard parts.

Keel: en

Alusdokumendid: EN 9300-007:2017

## 07 LOODUS- JA RAKENDUSTEADUSED

### **EVS-EN ISO 11290-2:2017/AC:2017**

#### **Toiduahela mikrobioloogia. Horisontaalmeetod Listeria monocytogenes'e ja Listeria spp. tuvastamiseks ja loendamiseks. Osa 2: Loendamismeetod Microbiology of the food chain - Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp. - Part 2: Enumeration method**

Standardi EVS-EN ISO 11290-2:2017 parandus.

Keel: et

Parandab dokumenti: EVS-EN ISO 11290-2:2017

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### **EVS-EN 16516:2017**

#### **Ehitustooted. Ohtlike ainete eraldumise hindamine. Ruumide siseõhku toimuva emissiooni määramine**

#### **Construction products: Assessment of release of dangerous substances - Determination of emissions into indoor air**

This European Standard specifies a horizontal reference method for the determination of emissions of regulated dangerous substances from construction products into indoor air. This method is applicable to volatile organic compounds, semi-volatile organic compounds, and very volatile aldehydes. It is based on the use of a test chamber and subsequent analysis of the organic compounds by GC-MS or HPLC. NOTE 1 Supplemental information is given on indirect test methods (see Annex B) and on measuring very volatile organic compounds (see Annex C). NOTE 2 This European Standard describes the overall procedure

and makes use of existing standards mainly by normative reference, complemented when necessary with additional or modified normative requirements.

Keel: en

Alusdokumendid: EN 16516:2017

Asendab dokumenti: CEN/TS 16516:2013

### **EVS-EN 60695-11-2:2017**

#### **Tuleohukatsetused. Osa 11-2: Katseleegid. Eelsegatud kütteseguga leek nimivõimsusega 1 kW. Seadmed, kontrollkatsetuse läbiviimine ja juhised** **Fire hazard testing - Part 11-2: Test flames - 1 kW nominal pre-mixed flame - Apparatus, confirmatory test arrangement and guidance**

IEC 60695-11-2:2017 gives the requirements for the production and confirmation of a nominal 1 kW propane/air pre-mixed flame for use in fire hazard testing. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. It is not intended for use by manufacturers or certification bodies. It has the status of a basic safety publication in accordance with IEC Guide 104 and ISO/IEC Guide 51. This third edition of IEC 60695-11-2 cancels and replaces the second edition published in 2013. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: addition of an alternative production of the test flame; deletion of Annex B. In this standard, the following print types are used: terms defined within Clause 3: in bold type.

Keel: en

Alusdokumendid: IEC 60695-11-2:2017; EN 60695-11-2:2017

Asendab dokumenti: EVS-EN 60695-11-2:2014

### **EVS-EN ISO 11504:2017**

#### **Soil quality - Assessment of impact from soil contaminated with petroleum hydrocarbons (ISO 11504:2017)**

ISO 11504:2017 gives guidelines with regard to the choice of fractions and individual compounds when carrying out analysis for petroleum hydrocarbons in soils, soil materials and related materials, including sediments, for the purpose of assessing risks to human health, the environment and other possible receptors. Since many products based on petroleum hydrocarbons often contain substances that are not hydrocarbons, the recommendations also encompass such compounds where relevant. ISO 11504:2017 also includes relevant background information on which the recommendations are based together with guidance on the use of the fractions recommended in the assessment of risk. ISO 11504:2017 does not set criteria or guidelines for use as assessment criteria, since this is typically a national or regional regulatory issue. This document also does not include recommendations as to the specific model for the exposure assessment or the specific parameter values to be used; with respect to guidance on this matter, reference is made to ISO 15800.

Keel: en

Alusdokumendid: ISO 11504:2017; EN ISO 11504:2017

### **EVS-EN ISO 7250-1:2017**

#### **Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks (ISO 7250-1:2017)**

ISO 7250-1:2017 provides a description of anthropometric measurements which can be used as a basis for comparison of population groups and for the creation of anthropometric databases (see ISO 15535). The basic list of measurements specified in this document is intended to serve as a guide for ergonomists who are required to define population groups and apply their knowledge to the geometric design of the places where people work and live. In addition, the list serves as a basis for extracting one- and two-dimensional measurements from three-dimensional scans (specified in ISO 20685). It serves as a guide on how to take anthropometric measurements, but also gives information to the ergonomist and designer on the anatomical and anthropometrical bases and principles of measurement which are applied in the solution of design tasks. ISO 7250-1:2017 is intended to be used in conjunction with national or international regulations or agreements to ensure harmony in defining population groups and to allow comparison of anthropometric data among member bodies. In its various applications, it is anticipated that the basic list will be supplemented by specific additional measurements. Annex A shows the correspondence of dimensions described here with their use in ISO 14738 and ISO 15534.

Keel: en

Alusdokumendid: ISO 7250-1:2017; EN ISO 7250-1:2017

Asendab dokumenti: EVS-EN ISO 7250-1:2010

### **EVS-ISO 6058:2017**

#### **Vee kvaliteet. Kaltsiumisisalduse määramine EDTA-ga tiitrimisel** **Water quality - Determination of calcium content - EDTA titrimetric method (ISO 6058:1984)**

See rahvusvaheline standard kirjeldab kaltsiumisisalduse määramiseks põhjavees, pinnavees ja joogivees kasutatavat titrimetriilist meetodit etüleendiamiintetraatsetaadiga (EDTA). Seda saab kasutada ka munitsipaal- ja tööstusliku töötlemata vee uurimiseks, eeldusel et need ei sisalda segavat hulka raskemetalle. Meetod ei ole sobiv merevee ja muu kõrge soolsusega vee uurimiseks. Meetod sobib veele, mille kaltsiumisisaldus on 2 mg kuni 100 mg/l (0,05 mmol/l kuni 2,5 mmol/l). Vee puhul, mis sisaldab kaltsiumi rohkem kui 100 mg/l, tuleb proovi eelnevalt lahendada.

Keel: en, et

Alusdokumendid: ISO 6058:1984

### **EVS-ISO 6059:2017**

#### **Vee kvaliteet. Kaltsiumi ja magneesiumi summaarse sisalduse määramine EDTA-ga tiitrimisel Water quality - Determination of the sum of calcium and magnesium - EDTA titrimetric method (ISO 6059:1984)**

See rahvusvaheline standard kirjeldab kaltsiumi ja magneesiumi summaarse sisalduse määramiseks põhjavees, pinnavees ja joogivees kasutatavat tiitrimetrist meetodit etüleendiamiintetraatsetaadiga (EDTA). Meetod ei ole sobiv heitvee ja kõrge soolasisaldusega veeproovide, nt merevee, analüüsimiseks. Madalaim määratav sisaldus on 0,05 mmol/l.

Keel: en, et

Alusdokumendid: ISO 6059:1984

### **EVS-ISO 7890-3:2017**

#### **Vee kvaliteet. Nitraadi määramine. Osa 3: Spektromeetriline meetod sulfosalitsüülhappega Water quality - Determination of nitrate - Part 3: Spectrometric method using sulfosalicylic acid (ISO 7890-3:1988)**

1.1 Määratav ühend See osa standardisarjast ISO 7890 kirjeldab nitraatioonide määramist vees. 1.2 Proovi tüüp See meetod on sobiv töötlemata vee ja joogivee analüüsimiseks. 1.3 Vahemik Kuni nitraatse lämmastiku sisalduseni  $\rho_N = 0,2$  mg/l, kasutades maksimaalset proovi ruumala 25 ml. Kasutusvahemikku on võimalik laiendada kõrgematele kontsentratsioonidele, võttes väiksemaid proove. 1.4 Avastamispiir Kasutades 40 mm optilise teepikkusega küveti ja 25 ml proovi ruumala on avastamispiir  $\rho_N$  vahemikus  $\rho_N = 0,003$  mg/l kuni 0,013 mg/l. 1.5 Tundlikkus Nitraatse lämmastiku sisaldus  $\rho_N = 0,2$  mg/l annab neelduvuse ligikaudu 0,68 ühikut, kasutades 25 ml proovi ruumala ja 40 mm optilise teepikkusega küveti. 1.6 Segajad Võimalike segajatena testiti suurt hulka veeproovides tihti esinevaid ühendeid. Detailne info on toodud lisas A. Peamised võimalikud segajad on kloriid, ortofosfaat, magneesium ja mangaan(II), nagu toodud lisas A. Teised uuringud on näidanud, et meetod sobib kasutamiseks kuni proovi värvuseni 150 mg/l Pt, kui kasutatakse proovi neeldumise korrektsiooni (vt 6.5).

Keel: en, et

Alusdokumendid: ISO 7890-3:1988

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

### **EVS-EN 50401:2017**

#### **Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz - 100 GHz), when put into service**

This product standard is related to human exposure to radiofrequency electromagnetic fields transmitted by base station equipment in the frequency range 110 MHz to 100 GHz. The object is to assess the compliance of such equipment with the general public basic restrictions (directly or indirectly via compliance with reference levels) and the workers' exposure limits values (directly or indirectly via compliance with action levels), when it is put into service in its operational environment.

Keel: en

Alusdokumendid: EN 50401:2017

Asendab dokumenti: EVS-EN 50401:2006

Asendab dokumenti: EVS-EN 50401:2006/A1:2011

### **EVS-EN 50566:2017**

#### **Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body**

This product standard applies to wireless communication devices used at distances up to and including 200 mm from the human body, i.e. when held in the hand or in front of the face, mounted on the body, combined with other transmitting or non-transmitting devices or accessories (e.g. belt-clip, camera or Bluetooth add-on), or integrated into garments. The applicable frequency range is from 30 MHz to 6 GHz. The objective of this standard is to demonstrate the compliance of such devices with the basic restrictions and exposure limit values related to human exposure to radio frequency electromagnetic fields. For devices used next to the ear the applicable product standard is EN 50360:2017 [1]. For low power devices the applicable product standard is EN 50663:2017 [2].

Keel: en

Alusdokumendid: EN 50566:2017

Asendab dokumenti: EVS-EN 50566:2013

### **EVS-EN 60645-1:2017**

#### **Elektroakustika. Audiomeetrid. Osa 1: Puhta siinustooni audiomeetrid ja kõneaudiomeetria seadmestik Electroacoustics - Audiometric equipment - Part 1: Equipment for pure-tone and speech audiometry**

IEC 60645-1:2012 specifies general requirements for audiometers and particular requirements for pure-tone audiometers designed for use in determining hearing threshold levels, relative to standard reference threshold levels established by means of

psychoacoustic test methods. The object of this standard is to ensure: a) That tests of hearing in the frequency range 125 Hz to 16 000 Hz on a given human ear, performed with different audiometers which comply with this standard shall give substantially the same results; b) That the results obtained represent a valid comparison between the hearing of the ear tested and the reference threshold of hearing; c) That audiometers are classified according to the range of test signals they generate, according to the mode of operation or according to the complexity of the range of auditory functions they test. This third edition cancels and replaces the second edition, published in 2001, and IEC 60645-4 published in 1994. It constitutes an editorial revision.

Keel: en

Alusdokumendid: IEC 60645-1:2017; EN 60645-1:2017

Asendab dokumenti: EVS-EN 60645-1:2015

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### **EVS-EN 13445-5:2016/AC:2017**

#### **Leekkuumutusega surve anumad. Osa 5: Kontroll ja katsetamine Unfired pressure vessels - Part 5: Inspection and testing**

Standardi EVS-EN 13445-5:2016 parandus.

Keel: et

Parandab dokumenti: EVS-EN 13445-5:2016

### **EVS-EN ISO 13260:2011/A1:2017**

#### **Thermoplastics piping systems for non-pressure underground drainage and sewerage - Test method for resistance to combined temperature cycling and external loading - Amendment 1 (ISO 13260:2011/Amd 1:2017)**

Amendment for EN ISO 13260:2011

Keel: en

Alusdokumendid: ISO 13260:2010/Amd 1:2017; EN ISO 13260:2011/A1:2017

Muudab dokumenti: EVS-EN ISO 13260:2011

## 25 TOOTMISTEHNOLOGIA

### **EVS-EN ISO 14271:2017**

#### **Resistance welding - Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds (ISO 14271:2017)**

ISO 14271:2017 specifies the procedures for the hardness testing of etched cross-sections of resistance spot, projection, and seam welds. The aim of the hardness tests is to determine the Vickers hardness, in the low-force or microhardness range, of the weld nugget, the heat affected zone, and parent material in ferrous or non-ferrous metals for welds made in sheets of thickness 0,5 mm to 6 mm.

Keel: en

Alusdokumendid: ISO 14271:2017; EN ISO 14271:2017

Asendab dokumenti: EVS-EN ISO 14271:2011

Asendab dokumenti: EVS-EN ISO 14271:2011/AC:2012

## 29 ELEKTROTEHNIKA

### **EVS-EN 50341-2-8:2017**

#### **Overhead electrical lines exceeding AC 1 kV - Part 2-8: National Normative Aspects (NNA) for France (based on EN 50341-1:2012)**

(ncpt) FR.1 Scope of Part 1 and Part 2-8 Part 1 and the present Part 2-8 apply to new overhead lines as defined in 1.1/FR.2 "Definition of a new overhead line". (ncpt) FR.2 Definition of a new overhead line A new overhead line denotes any new overhead electrical line exceeding AC 1 kV built on new foundations and: - flanked by two substations or two terminal towers preceding said substations. or - flanked by a substation or a terminal tower at one end and in a branch situation (including branch tower) or tapping situation at the other end. (ncpt) FR.3 Application to existing overhead lines This standard does not apply to existing overhead lines exceeding AC 1 kV in France. (ncpt) FR.4 Application to overhead lines for which technical studies are underway Any decision to apply the requirements of the present standard to new overhead line projects for which technical studies are underway shall be stipulated in the Project Specification. (ncpt) FR.5 Application to overhead lines under construction The requirements of the present standard do not apply to overhead lines under construction. (ncpt) FR.1 Application to radio telecommunication equipment Part 1 and Part 2-8 apply to radio telecommunication equipment mounted on the towers of new overhead lines, particularly with respect to wind and ice assumptions. Radio equipment shall be arranged on the support so that it can be accessed and operations performed in accordance with safety regulations.

Keel: en

Alusdokumendid: EN 50341-2-8:2017

### **EVS-EN 60079-13:2017**

#### **Explosive atmospheres - Part 13: Equipment protection by pressurized room "p" and artificially ventilated room "v"**

IEC 60079-13:2017(E) gives requirements for the design, construction, assessment, verification and marking of rooms used to protect internal equipment by pressurization or artificial ventilation or both as applicable when located in an explosive gas atmosphere or combustible dust atmosphere hazardous area with or without an internal source of a flammable gas or vapour. It also includes a room located in a non-hazardous area that has an internal source of release of a flammable gas or vapour. This document deals with rooms that are partially constructed in a manufacturer's facility and intended to have the final installation completed on-site, as well as rooms that are constructed completely on-site. Rooms partially constructed in a manufacturer's facility may include third-party verification. For rooms built on-site, this document can be used by plant operators as a guide for assessment of those facilities. This document represents a major technical revision of the requirements for equipment protection by pressurized room "p" and artificially ventilated room "v" and should be considered as introducing all new requirements. This second edition cancels and replaces the first edition published in 2010. This edition constitutes a technical revision.&nbsp; This edition includes the following significant technical changes with respect to the previous edition: - modification of the title of this document to include artificially ventilated room "v" in addition to pressurized room "p"; - addition of types of protection "pb", "pc", and "vc"; and removal of types of protection "px", "py", "pz" and "pv"; - definition of the differences between pressurization and artificial ventilation types of protection; - removal of protection of rooms with an inert gas or a flammable gas from the scope of this document; - addition of an informative annex to include examples of applications where types of protection pressurization or artificial ventilation or pressurization and artificial ventilation can be used and associated guidelines. Additional information regarding the scope of this document can be found in Clause 1.

Keel: en

Alusdokumendid: IEC 60079-13:2017; EN 60079-13:2017

Asendab dokumenti: EVS-EN 60079-13:2010

### **EVS-EN 60901:2002/A6:2017**

#### **Single-capped fluorescent lamps - Performance specifications**

Amendment for EN 60901:1996

Keel: en

Alusdokumendid: EN 60901:1996/A6:2017; IEC 60901:1996/A6:2014

Muudab dokumenti: EVS-EN 60901:2002

### **EVS-EN 61810-2:2017**

#### **Electromechanical elementary relays - Part 2: Reliability**

61810-2:2017 covers test conditions and provisions for the evaluation of endurance tests using appropriate statistical methods to obtain reliability characteristics for relays. This document applies to electromechanical elementary relays considered as non-repaired items (i.e. items which are not repaired after failure). This document does not cover procedures for electromechanical elementary relays where enhanced requirements for the verification of reliability apply. This edition includes the following significant technical changes with respect to the previous edition: - not only graphical but also numerical methods are added; - reduction of number of samples in specified cases; - new subclauses of confidence intervals are added; - the WeiBayes approach is added to facilitate compliance tests (routine test) with lower effort; - annexes have been restructured into an Annex A for data analysis (normative) and Annex&nbsp;B (informative) where various examples of the data analysis are given; - the former Annex C has been incorporated into the modified Annex B; - a new Annex C replaces the old Annex D.

Keel: en

Alusdokumendid: IEC 61810-2:2017; EN 61810-2:2017

Asendab dokumenti: EVS-EN 61810-2:2011

### **EVS-EN 61810-2-1:2017**

#### **Electromechanical elementary relays - Part 2-1: Reliability - Procedure for the verification of B10 values**

IEC 61810-2-1:2017 specifies reliability test procedures for electromechanical elementary relays when enhanced requirements for the verification of reliability apply. Particular provisions are given for relays incorporated in safety-related control systems of machinery in accordance with IEC 62061 and ISO 13849-1. For such relays, B10 values for dangerous failures (B10D values) are derived from the tests specified in this document. This edition includes the following significant technical changes with respect to the previous edition: - limitation of tests to 10 M cycles in Clause 5; - reduction of required number of test samples to 5 in specified cases; - introduction of WeiBayes analysis for routine test under Clause 4.

Keel: en

Alusdokumendid: IEC 61810-2-1:2017; EN 61810-2-1:2017

Asendab dokumenti: EVS-EN 61810-2-1:2011

### **EVS-EN 62442-1:2011/A11:2017**

#### **Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear**

Addition of Common Modifications and Annex ZZ for the ERP

Keel: en

Alusdokumendid: EN 62442-1:2011/A11:2017

Muudab dokumenti: EVS-EN 62442-1:2011



### **EVS-EN 62442-2:2014/A11:2017**

#### **Energy performance of lamp controlgear - Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of the controlgear**

Addition of Common Modifications and Annex ZZ for the ERP

Keel: en

Alusdokumendid: EN 62442-2:2014/A11:2017

Muudab dokumenti: EVS-EN 62442-2:2014

### **EVS-EN 62442-3:2014/A11:2017**

#### **Energy performance of lamp controlgear - Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear**

Addition of Common Modifications and Annex ZZ for the ERP

Keel: en

Alusdokumendid: EN 62442-3:2014/A11:2017

Muudab dokumenti: EVS-EN 62442-3:2014

### **EVS-EN 62569-1:2017**

#### **Generic specification of information on products by properties - Part 1: Principles and method**

IEC 62569-1:2017 specifies several qualifiers to be used with object or (dictionary) properties and their values indicating life cycle and other aspects of the property. It is a prerequisite for the usage of the other parts of IEC 62569. This first edition cancels and replaces IEC PAS 62569-1:2009. This edition constitutes a technical revision.

Keel: en

Alusdokumendid: IEC 62569-1:2017; EN 62569-1:2017

### **EVS-EN 62683-1:2017**

#### **Low-voltage switchgear and controlgear - Product data and properties for information exchange - Part 1: Catalogue data**

IEC 62683-1:2017 establishes the reference dictionary of the general description of low-voltage switchgear and controlgear classes based on defined properties. This dictionary is used to facilitate the exchange in electronic format of data describing low-voltage switchgear and controlgear. This document provides clear and unambiguous definitions of a limited number of properties and classes which are mainly used for presentation, selection and identification of products particularly in electronic catalogues. Each property has an unambiguously defined meaning and naming, and, where relevant, a defined value list, a defined format and a defined unit. The intention is not to cover manufacturer-specific features.

Keel: en

Alusdokumendid: IEC 62683-1:2017; EN 62683-1:2017

Asendab dokumenti: EVS-EN 62683:2015

### **EVS-EN 62827-2:2017**

#### **Wireless power transfer - Management - Part 2: Multiple device control management**

IEC 62827-2:2017(E), IEC 62827 defines a wireless power management protocol for wireless power transfer to multiple devices in a wireless power management system. Various functions of wireless power management systems are justified. The wireless power management frames and messages that work between the management block of a power source and the management block or the coupler block of a device, or the coupler block of a power source, are defined as well to execute various functions. Also, the procedures for each functionality are described based on its frames and messages.

Keel: en

Alusdokumendid: IEC 62827-2:2017; EN 62827-2:2017

### **EVS-EN 62952-3:2017**

#### **Power sources for a wireless communication device - Part 3: Generic energy harvesting adaptor module**

IEC 62952-3:2017 specifies requirements and a profile for a power source containing a generic energy harvesting adapter module (GEHAM) used as power source for wireless communication devices (WCD).

Keel: en

Alusdokumendid: IEC 62952-3:2017; EN 62952-3:2017

### **EVS-EN 63028:2017**

#### **Wireless Power Transfer - AirFuel Resonant Baseline System Specification (BSS)**

IEC 63028:2017(E) defines technical requirements, behaviors and interfaces used for ensuring interoperability for flexibly coupled wireless power transfer (WPT) systems for AirFuel Resonant WPT. This document is based on AirFuel Wireless Power Transfer System Baseline System Specification (BSS) v1.3.

Keel: en

Alusdokumendid: IEC 63028:2017; EN 63028:2017

**EVS-EN 50360:2017****Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear**

This product standard applies to wireless communication devices used in close proximity to the human ear (e.g. mobile phones, wireless headsets). The applicable frequency range is from 300 MHz to 6 GHz. The objective of this standard is to demonstrate the compliance of such devices with the basic restrictions and exposure limit values related to human exposure to radio frequency electromagnetic fields. For devices used next to the body or in front of the face the applicable product standard is EN 50566:2017. For low power devices the applicable product standard is prEN 50663:2016.

Keel: en

Alusdokumendid: EN 50360:2017

Asendab dokumenti: EVS-EN 50360:2002

Asendab dokumenti: EVS-EN 50360:2002/A1:2012

**EVS-EN 50385:2017****Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz - 100 GHz), when placed on the market**

This product standard is related to human exposure to radiofrequency electromagnetic fields transmitted by base station equipment in the frequency range 110 MHz to 100 GHz. The object is to assess the compliance of such equipment with the general public basic restrictions (directly or indirectly via compliance with reference levels) and the workers' exposure limit values (directly or indirectly via compliance with action levels), when it is placed on the market. For low power devices the applicable product standard is EN 50663:2017.

Keel: en

Alusdokumendid: EN 50385:2017

Asendab dokumenti: EVS-EN 50385:2003

**EVS-EN 50401:2017****Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz - 100 GHz), when put into service**

This product standard is related to human exposure to radiofrequency electromagnetic fields transmitted by base station equipment in the frequency range 110 MHz to 100 GHz. The object is to assess the compliance of such equipment with the general public basic restrictions (directly or indirectly via compliance with reference levels) and the workers' exposure limits values (directly or indirectly via compliance with action levels), when it is put into service in its operational environment.

Keel: en

Alusdokumendid: EN 50401:2017

Asendab dokumenti: EVS-EN 50401:2006

Asendab dokumenti: EVS-EN 50401:2006/A1:2011

**EVS-EN 50566:2017****Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body**

This product standard applies to wireless communication devices used at distances up to and including 200 mm from the human body, i.e. when held in the hand or in front of the face, mounted on the body, combined with other transmitting or non-transmitting devices or accessories (e.g. belt-clip, camera or Bluetooth add-on), or integrated into garments. The applicable frequency range is from 30 MHz to 6 GHz. The objective of this standard is to demonstrate the compliance of such devices with the basic restrictions and exposure limit values related to human exposure to radio frequency electromagnetic fields. For devices used next to the ear the applicable product standard is EN 50360:2017 [1]. For low power devices the applicable product standard is EN 50663:2017 [2].

Keel: en

Alusdokumendid: EN 50566:2017

Asendab dokumenti: EVS-EN 50566:2013

**EVS-EN 61076-3-104:2017****Connectors for electrical and electronic equipment - Product requirements - Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 2 000 MHz**

IEC 61076-3-104:2017(E) establishes uniform specifications, type testing requirements for 8 way, shielded free and fixed connectors for data transmissions with frequencies up to 2 000 MHz, and used as category 7A connectors in class FA cabling systems specified in ISO/IEC 11801-1. It contains all test methods and sequences, severity and preferred values for dimensions

and characteristics. This third edition of IEC 61076-3-104 cancels and replaces the second edition, published in 2006, and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - the title has been changed to incorporate transmissions with frequencies up to 2 000 MHz; - the drawings of some styles have been corrected for clarification; - Figures 23 and 24 have been updated; - Figure 3 has been updated to include reference dimensions and dimensional format changes; - the dimensions of Figure 7 have been updated; - the type designation and ordering information has been removed for consistency with the most updated sectional specification; - the test schedule was updated to include appropriate IEC 60512 Test Nos; - the electrical performance requirements have been revised for 2 GHz level and interchangeability information has been added for performance categories.

Keel: en

Alusdokumendid: IEC 61076-3-104:2017; EN 61076-3-104:2017

Asendab dokumenti: EVS-EN 61076-3-104:2006

## **EVS-EN 61757-2-2:2017**

### **Fibre optic sensors - Part 2-2: Temperature measurement - Distributed sensing**

IEC 61757-2-2:2016(E) defines detail specifications for distributed temperature measurement by a fibre optic sensor, also known as fibre optic distributed temperature sensing (DTS). DTS includes the use of Raman scattering, Brillouin scattering and Rayleigh scattering effects. In addition, Raman scattering and Rayleigh scattering based measurements are performed with a single-ended fibre configuration only. Brillouin scattering based measurements are performed with a single-ended fibre or fibre loop configuration. The technique accessible from both sides at same time (e. g. Brillouin optical time domain analysis, BOTDA) is referred to here as a loop configuration. Generic specifications for fibre optic sensors are defined in IEC 61757-1:2012. This part of IEC 61757 specifies the most important DTS performance parameters and defines the procedures for their determination. In addition to the group of performance parameters, a list of additional parameters has been defined to support the definition of the measurement specifications and their associated test procedures. The definitions of these additional parameters are provided for informational purposes and should be included with the sets of performance parameters. A general test setup is defined in which all parameters can be gathered through a set of tests. The specific tests are described within the clause for each measurement parameter. This general test setup is depicted and described in Clause 4 along with a list of general information that should be documented based upon the specific DTS instrument and test setup used to measure these parameters as per IEC 61757-2-2. Annex A provides a blank performance parameter table which should be used to record the performance parameter values for a given DTS instrument and chosen optical test setup configuration. Annex B provides guidelines for optional determination of point defect effects. This publication is to be read in conjunction with IEC 61757-1:2012

Keel: en

Alusdokumendid: IEC 61757-2-2:2016; EN 61757-2-2:2017

## **EVS-EN 62827-2:2017**

### **Wireless power transfer - Management - Part 2: Multiple device control management**

IEC 62827-2:2017(E), IEC 62827 defines a wireless power management protocol for wireless power transfer to multiple devices in a wireless power management system. Various functions of wireless power management systems are justified. The wireless power management frames and messages that work between the management block of a power source and the management block or the coupler block of a device, or the coupler block of a power source, are defined as well to execute various functions. Also, the procedures for each functionality are described based on its frames and messages.

Keel: en

Alusdokumendid: IEC 62827-2:2017; EN 62827-2:2017

## **EVS-EN 62952-3:2017**

### **Power sources for a wireless communication device - Part 3: Generic energy harvesting adaptor module**

IEC 62952-3:2017 specifies requirements and a profile for a power source containing a generic energy harvesting adapter module (GEHAM) used as power source for wireless communication devices (WCD).

Keel: en

Alusdokumendid: IEC 62952-3:2017; EN 62952-3:2017

## **EVS-EN 63028:2017**

### **Wireless Power Transfer - AirFuel Resonant Baseline System Specification (BSS)**

IEC 63028:2017(E) defines technical requirements, behaviors and interfaces used for ensuring interoperability for flexibly coupled wireless power transfer (WPT) systems for AirFuel Resonant WPT. This document is based on AirFuel Wireless Power Transfer System Baseline System Specification (BSS) v1.3.

Keel: en

Alusdokumendid: IEC 63028:2017; EN 63028:2017

## **EVS-EN 63029:2017**

### **Audio, video and multimedia systems and equipment - Multimedia e-publishing and e-book technologies - Raster-graphics image-based e-books**

IEC 63029:2017 specifies the scanning scheme to develop raster-graphics image-based e-books from existing printed books.

Keel: en

Alusdokumendid: IEC 63029:2017; EN 63029:2017

## **EVS-EN 63035:2017**

### **MIDI (Musical Instrument Digital Interface) specification 1.0 (Abridged edition, 2015)**

IEC 63035:2017(E) specifies a hardware and software specification which makes it possible to exchange symbolic music and control information between different musical instruments or other devices such as sequencers, computers, lighting controllers, mixers, etc. using MIDI technology (musical instrument digital interface).

Keel: en

Alusdokumendid: IEC 63035:2017; EN 63035:2017

## **35 INFOTEHNOLOGIA**

## **CEN/TR 17143:2017**

### **Intelligent transport systems - Standards and actions necessary to enable urban infrastructure coordination to support Urban-ITS**

The scope of this project is to undertake a pre-study providing stakeholder mapping, framework identification, gap analysis and identification of standards and related actions required to address the urban infrastructure aspects: the provision of a) multimodal information services; b) traffic management; c) urban logistics, that are required to support the provision of Urban-ITS. Specifically, the scope of this pre-study is to produce a technical report that will (by December 2015), for each area, specifically address the standardisation requirements to meet the following technical challenges: - stakeholder engagement; - common/interoperable data; - multimodality; - creation of (multimodal) transport datasets; - multiple means of communication; - urban logistics management - creation of urban-interurban interfaces; - use of open standards, architectures and specifications; - enable rather than prescribe or proscribe. It is the intention that, while the formal deliverable of this pre-study will be a technical report, that the project team will also identify areas for draft 'New Work Item Proposals' (and justifications) for work items to fill the identified gaps, where those gaps can be filled by Standards deliverables, and that the pre-study will also consider and make recommendations for any other support measures that are considered important or essential in order for the successful implementation, management and support of Urban-ITS in an environment where this is an administration controlled and led activity and not a community-wide managed or controlled activity. The pre-study report, in addition to its submission to the European Commission, shall be in a format suitable for adaptation to a European standardisation deliverable on Use Cases addressing the three areas of this request and highlighting their possible interdependencies. Specifically, a gap analysis identifying additional requirements and priorities for: d) Architecture: high level proposals outlining the parameters for a European standardisation deliverable for Urban-ITS architecture integrating the three areas of this request and highlighting connexions or interfaces with surrounding ITS applications as well as compatibility or coherence with existing standards, technical specifications, data models. e) Multimodal Information Services: Standardisation deliverables in support of new mobility services, such as car sharing, car-pooling, public bike sharing services, park & ride, bike & ride, etc. Alternative fuel infrastructure, including information on location and availability of stations, charging models and capacity at stations, (integrated) payment schemes, etc. A European standardisation deliverable on reference data model, common data dictionary and metadata structure for multimodal information services. f) Traffic Management: Standardisation deliverables in support of European standards for: a set of traffic management measures (encompassing the necessary infrastructure / static road data, dynamic road status data, traffic data or traffic control data, weather data), a set of traffic re-routing, traffic prioritisation and access regulation measures including intersections management (supplemented by vehicle identification data). In particular, the different types of road user charging models set up in various cities as well as the modalities of shared use of dedicated lanes by different types of vehicles (e.g. freight, public transport, emergency vehicles) should be considered. European standards or European Standardisation deliverables on reference data model, common data dictionary and metadata structure for traffic management including access regulation. g) Urban Logistics (Including parking management): Standardisation deliverables in support of European standards for: Intelligent parking for light vehicles, commercial vehicles and trucks. (...)

Keel: en

Alusdokumendid: CEN/TR 17143:2017

## **EVS-EN 62827-2:2017**

### **Wireless power transfer - Management - Part 2: Multiple device control management**

IEC 62827-2:2017(E), IEC 62827 defines a wireless power management protocol for wireless power transfer to multiple devices in a wireless power management system. Various functions of wireless power management systems are justified. The wireless power management frames and messages that work between the management block of a power source and the management block or the coupler block of a device, or the coupler block of a power source, are defined as well to execute various functions. Also, the procedures for each functionality are described based on its frames and messages.

Keel: en

Alusdokumendid: IEC 62827-2:2017; EN 62827-2:2017

## **EVS-EN 63028:2017**

### **Wireless Power Transfer - AirFuel Resonant Baseline System Specification (BSS)**

IEC 63028:2017(E) defines technical requirements, behaviors and interfaces used for ensuring interoperability for flexibly coupled wireless power transfer (WPT) systems for AirFuel Resonant WPT. This document is based on AirFuel Wireless Power Transfer System Baseline System Specification (BSS) v1.3.

Keel: en

Alusdokumendid: IEC 63028:2017; EN 63028:2017

### **EVS-EN 63029:2017**

#### **Audio, video and multimedia systems and equipment - Multimedia e-publishing and e-book technologies - Raster-graphics image-based e-books**

IEC 63029:2017 specifies the scanning scheme to develop raster-graphics image-based e-books from existing printed books.

Keel: en

Alusdokumendid: IEC 63029:2017; EN 63029:2017

### **EVS-EN 63035:2017**

#### **MIDI (Musical Instrument Digital Interface) specification 1.0 (Abridged edition, 2015)**

IEC 63035:2017(E) specifies a hardware and software specification which makes it possible to exchange symbolic music and control information between different musical instruments or other devices such as sequencers, computers, lighting controllers, mixers, etc. using MIDI technology (musical instrument digital interface).

Keel: en

Alusdokumendid: IEC 63035:2017; EN 63035:2017

### **EVS-EN 9300-005:2017**

#### **Aerospace series - LOTAR - LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 005: Authentication and Verification**

EN 9300-005 describes the fundamentals and concepts of authentication and verification of the integrity of digital documents and their content during the archiving and retrieval processes. The Data Domain Parts EN 9300-x00 will specify qualification measures for the content of the document. The fundamentals given in this document cover the requirements, methods and recommendations for their implementation within an archiving system.

Keel: en

Alusdokumendid: EN 9300-005:2017

### **EVS-EN 9300-007:2017**

#### **Aerospace series - LOTAR -LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 007: Terms and References**

This document defines the common terms, abbreviations and references used through the EN 9300 series of standard parts.

Keel: en

Alusdokumendid: EN 9300-007:2017

## **43 MAANTEESÕIDUKITE EHITUS**

### **EVS-EN 15194:2017**

#### **Cycles - Electrically power assisted cycles - EPAC Bicycles**

This European Standard applies to EPAC bicycles for private and commercial use with exception of EPAC intended for hire from unattended station. This European Standard is intended to cover all common significant hazards, hazardous situations and events (see Clause 4) of electrically power assisted bicycles, when used as intended and under condition of misuse that are reasonably foreseeable by the manufacturer. This European Standard is intended to cover electrically power assisted bicycles of a type which have a maximum continuous rated power of 0,25 kW, of which the output is progressively reduced and finally cut off as the EPAC reaches a speed of 25 km/h, or sooner, if the cyclist stops pedalling. This European Standard specifies requirements and test methods for engine power management systems, electrical circuits including the charging system for the design and assembly of electrically power assisted bicycles and sub-assemblies for systems having a rated voltage up to and including 48 V d.c. or integrated battery charger with a nominal 230 V a.c. input. This European Standard specifies safety and safety related performance requirements for the design, assembly, and testing of EPAC bicycles and subassemblies intended for use on public roads, and lays down guidelines for instructions on the use and care of such bicycles. This European Standard applies to EPAC bicycles that have a maximum saddle height of 635 mm or more and that are intended for use on public roads. This European Standard is not applicable to EPACs which are manufactured before the date of its publication as EN.

Keel: en

Alusdokumendid: EN 15194:2017

Asendab dokumenti: EVS-EN 15194:2009+A1:2011

### **EVS-EN 16944:2017**

#### **Agricultural machinery and tractors - Standardized access to repair and maintenance information (RMI) - Requirements**

This European Standard specifies the requirements to be fulfilled by manufacturers of tractors, interchangeable towed equipment and trailers used in agriculture and forestry in order to comply with the obligation to provide non-discriminatory access for independent operators to Repair and Maintenance Information (RMI) and to provide information on On-Board Diagnostic (OBD) systems. This standard specifies all organisational and technical requirements and means of verification to comply with the EU Regulation 167/2013 and its Delegated Acts with the objectives to allow the fair competition between manufacturers and between operators and to improve the competitiveness and future viability of companies with special regard to Small and Medium-sized Enterprises (SME). This European Standard is applicable to agricultural and forestry vehicles approved (respectively to be approved) in accordance with the EU Regulation 167/2013. This European Standard is not applicable to small series vehicles.

Keel: en  
Alusdokumendid: EN 16944:2017

## 45 RAUDTEETEHNIKA

### **EVS-EN 16922:2017**

#### **Raudteelased rakendused. Teeninduse püsiseadmed. Heitvee tühjendamisseadmed Railway applications - Ground based services - Vehicle waste water discharge equipment**

This European Standard specifies the interface requirements for controlled emission toilet equipment on railway vehicles and the infrastructure, including catering area sink waste retention tanks. Vehicle and infrastructure specific requirements are also given. The European Standard includes fixed and portable infrastructure equipment used to empty retention tanks, but excludes equipment fitted to railway vehicles where no fixed connections are used between vehicle and infrastructure.

Keel: en  
Alusdokumendid: EN 16922:2017

### **EVS-EN 50463-1:2017**

#### **Raudteelased rakendused. Energiamõõtmised rongides. Osa 1: Üldnõuded Railway applications - Energy measurement on board trains - Part 1: General**

This European Standard describes the primary purpose of the EMS, which is to meter energy consumption for billing and provide compiled energy billing data (CEBD) to a DCS. The EMS may also be used for other functions such as energy management. In addition, this European Standard also describes the primary purpose of a DCS and its interactions with an EMS and settlement system. This part of EN 50463: - gives requirements for the complete Energy Measurement System and also requirements for all devices implementing one or more functions of the Energy Measurement System; - applies to newly manufactured Energy Measurement Systems for use on board railway traction units, powered by AC. and/or DC. supply voltages as listed in EN 50163; - does not apply to portable Energy Measurement Systems.

Keel: en  
Alusdokumendid: EN 50463-1:2017  
Asendab dokumenti: EVS-EN 50463-1:2013

### **EVS-EN 50463-2:2017**

#### **Raudteelased rakendused. Energiamõõtmised rongides. Osa 2: Energiamõõtmised Railway applications - Energy measurement on board trains - Part 2: Energy measuring**

This European Standard covers the requirements applicable to the Energy Measurement Function (EMF) of an Energy Measurement System (EMS) for use on board traction units for measurement of energy supplied directly from/to the Contact Line system. This European Standard also gives requirements for the Current Measurement Function (e.g. current sensor), the Voltage Measurement Function (e.g. voltage sensor) and the Energy Calculation Function (e.g. energy meter). The Conformity Assessment arrangements for the Voltage Measurement Function, Current Measurement Function, the Energy Calculation Function and a complete Energy Measurement Function are also specified in this document. The standard has been developed taking into account that in some applications the EMF can be subjected to legal metrological control. All relevant metrological aspects are covered in this part. Figure 2 shows the flow between the functional blocks of the EMF. Only connections between the functional blocks required by this standard are displayed. (...)

Keel: en  
Alusdokumendid: EN 50463-2:2017  
Asendab dokumenti: EVS-EN 50463-2:2013

### **EVS-EN 50463-3:2017**

#### **Raudteelased rakendused. Energiamõõtmised rongides. Osa 3: Andmekäsitlus Railway applications - Energy measurement on board trains - Part 3: Data handling**

This European Standard covers the requirements applicable to the Data Handling System (DHS) of an Energy Measurement System (EMS). This document also includes the basic requirements for the Data Collecting System (DCS) on-ground, relating to the acquisition and storage and export of Compiled Energy Billing Data (CEBD). The Conformity Assessment arrangements for the DHS and the DCS are specified in this document. The settlement system is outside the scope of this standard, and the specification of the interface between DCS and settlement system is outside the scope of this standard.

Keel: en  
Alusdokumendid: EN 50463-3:2017  
Asendab dokumenti: EVS-EN 50463-3:2013

### **EVS-EN 50463-4:2017**

#### **Raudteelased rakendused. Energiamõõtmised rongides. Osa 4: Kommunikatsioon Railway applications - Energy measurement on board trains - Part 4: Communication**

This European Standard applies to the on board and on board to ground communication services, i.e. it covers the data communication using digital interfaces: a) between functions implemented within the EMS; b) between EMS function and other on board subsystems; c) between EMS and ground communication services. The on board data communication services of the EMS cover the data exchange between functions of the EMS and the data exchange between EMS and other on board units, where data are exchanged using a communications protocol stack over a dedicated physical interface or a shared communication

network. The on board to ground communication services cover the wireless data communication between the DHS and the on ground server. Furthermore, this document includes conformity assessment requirements.

Keel: en

Alusdokumendid: EN 50463-4:2017

Asendab dokumenti: EVS-EN 50463-4:2013

### **EVS-EN 50463-5:2017**

#### **Raudteealased rakendused. Energiamõõtmised rongides. Osa 5: Vastavushindamine Railway applications - Energy measurement on board trains - Part 5: Conformity assessment**

This European Standard specifies the conformity assessment arrangements for newly manufactured EMS installed on a traction unit. This includes the integration conformity assessment and installation conformity assessment. In addition, this document also specifies the conformity assessment procedures for device and ancillary component replacement (e.g. due to damage in service), and periodic check to verify the EMS conformity assessment remains valid. This European Standard does not include elements related to conformity assessment aspects other than design review and testing provisions for the products, processes or services specified. Consequently, this part does not delete, change or interpret the general requirements for conformity assessment procedures and vocabulary detailed in EN/ISO/IEC 17000. This European Standard does not cover the conformity assessment schemes that, according to the CEN-CENELEC Internal Regulations, are the responsibility of ISO policy committee "Committee on conformity assessment" (ISO/CASCO).

Keel: en

Alusdokumendid: EN 50463-5:2017

Asendab dokumenti: EVS-EN 50463-5:2013

## **47 LAEVAEHITUS JA MERE-EHITISED**

### **EVS-EN ISO 11105:2017**

#### **Väikelaevad. Bensiinimootori ja/või bensiinipaagi sektsioonide ventilatsioon Small craft - Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:1997)**

This International Standard specifies requirements for ventilation of petrol engine and petrol tank compartments in small craft of up to 24 m length of hull, having petrol engines for propulsion, electrical generation or mechanical power, to prevent accumulation of explosive gases in these compartments. Personal watercraft are not covered.

Keel: en

Alusdokumendid: ISO 11105:1997; EN ISO 11105:2017

Asendab dokumenti: EVS-EN ISO 11105:1999

### **EVS-EN ISO 12217-1:2017**

#### **Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 1: Mitte purjelaevad, mille kere pikkus on 6 meetrit või rohkem Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO 12217-1:2015)**

ISO 12217-1:2015 specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of boats susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using this part of ISO 12217 will enable the boat to be assigned to a design category (A, B, C or D) appropriate to its design and maximum total load. ISO 12217-1:2015 is principally applicable to boats propelled by human or mechanical power of 6 m up to 24 m hull length. However, it can also be applied to boats of under 6 m if they do not attain the desired design category specified in ISO 12217- 3 and they are decked and have quick-draining recesses which comply with ISO 11812. In relation to habitable multihulls, ISO 12217-1:2015 includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. ISO 12217-1:2015 excludes: inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; personal watercraft covered by ISO 13590 and other similar powered craft; gondolas and pedalos; sailing surfboards; surfboards, including powered surfboards; hydrofoils and hovercraft when not operating in the displacement mode; and submersibles. ISO 12217-1:2015 does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en

Alusdokumendid: ISO 12217-1:2015; EN ISO 12217-1:2017

Asendab dokumenti: EVS-EN ISO 12217-1:2015

### **EVS-EN ISO 12217-2:2017**

#### **Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 2: Purjelaevad, mille kere pikkus on 6 meetrit või rohkem Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m (ISO 12217-2:2015)**

ISO 12217-2:2015 specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of boats susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using ISO 12217-2:2015 will enable the boat to be assigned to a design category (A, B, C or D) appropriate to its design and maximum load. ISO 12217-2:2015 is principally applicable to boats propelled primarily by sail (even if fitted with an auxiliary engine) of 6 m up to and including 24 m hull length. However, it can also be applied to boats less than 6 m if they are habitable multihulls or may be applied if they do not attain the desired design category specified in ISO 12217- 3 and they are decked and have quick-draining

recesses which comply with ISO 11812. In relation to habitable multihulls, ISO 12217-2:2015 includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. ISO 12217-2:2015 excludes: inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; gondolas and pedalos; surfboards including sailing surfboards; and hydrofoils and foil stabilized boats when not operating in the displacement mode. ISO 12217-2:2015 does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en

Alusdokumendid: ISO 12217-2:2015; EN ISO 12217-2:2017

Asendab dokumenti: EVS-EN ISO 12217-2:2015

### **EVS-EN ISO 18422:2017**

#### **Ships and marine technology - Inland navigation vessels - Plate with instructions for rescue, resuscitation and first aid for drowning persons (ISO 18422:2014)**

This International Standard specifies a plate with instructions for rescue, resuscitation and first aid of drowning persons. This plate is intended for use -on inland navigation vessels -at suitable places on the shore of inland waterways, e.g. harbours, berths, locks, sluices, etc.; -at other suitable places.

Keel: en

Alusdokumendid: ISO 18422:2014; EN ISO 18422:2017

## **49 LENNUNDUS JA KOSMOSETEHNIKA**

### **EVS-EN 16603-70-41:2017**

#### **Space engineering - Telemetry and telecommand packet utilization**

This Standard addresses the utilization of telecommand packets and telemetry packets for the purposes of remote monitoring and control of spacecraft subsystems and payloads. This Standard does not address mission-specific payload data packets, but the rules contained herein can be extended to suit the requirements of any mission. This Standard does not address audio and video data as they are not contained within either telecommand or telemetry packets. This Standard defines a set of services that satisfy all the fundamental operational requirements for spacecraft monitoring and control during spacecraft integration, testing and flight operations, refer to ECSS-E-ST-70-11. It also specifies the structure and contents of the telecommand packets used to transport the requests and the telemetry packets used to transport the reports. This Standard can be used by any mission, no matter what its domain of application, orbit or ground station coverage characteristics. However, it is not the intention that the PUS should be applied in its entirety to a given mission. The services defined in this Standard cover a wide spectrum of operational scenarios and, for a given mission, only a subset of these services is likely to be appropriate. Choices are made early in the design phase of a new mission resulting in the need to tailor the PUS to suit the requirements of that mission. These choices include: • the on-board system design and architecture, in terms of the number of on-board application processes, their on-board implementation (e.g. the allocation to on-board processors) and their roles (i.e. which functions or subsystems or payloads they support); • which PUS services are supported by each application process. Each mission usually documents the results of this design and selection process in a "Space-to-Ground Interface Control Document". Some missions implement a centralized architecture with a small number of application processes, whilst others have a highly-distributed architecture within which a correspondingly larger number of application processes are distributed across several on-board processors. The specification of services in this Standard is adapted to the expectation that different missions require different levels of complexity and capability from a given service. To this end, all services are optional and a given service can be implemented at one of several distinct levels, corresponding to the inclusion of one or more capability sets. The minimum capability set corresponds to the simplest possible level that also remains sensible and coherent. At least this set is included in every implementation of a given service. The standardized PUS services fulfil the following criteria: • Commonality: each standard service corresponds to a group of capabilities applicable to many missions. • Coherence: the capabilities provided by each standard service are closely related and their scope is unambiguously specified. Each standard service covers all the activities for managing inter-related state information and all activities that use that state information. • Self-containment: each standard service has minimum and well-defined interactions with other services or on-board functions. • Implementation independence: the standard services neither assume nor exclude a particular spacecraft architecture (hardware or software).

Keel: en

Alusdokumendid: ECSS-E-ST-70-41C; EN 16603-70-41:2017

Asendab dokumenti: EVS-EN 14776:2004

### **EVS-EN 4695:2017**

#### **Aerospace series - Tie Rod with integrated bolts - Assembly Code G, H and K**

This standard specifies the dimensions and tolerances of rod assemblies for aerospace applications with two adjustable ends with integrated bolts for interior and sub structure in the temperature range -55 °C to 85 °C. The rod ends should not be screwed completely apart.

Keel: en

Alusdokumendid: EN 4695:2017

### **EVS-EN 4702-02:2017**

#### **Aerospace series - Quick release fastening systems for non-structural and lining applications - Part 02: Spring clamp stud combination**

This European Standard describes the compilation of the component system the spring clip pin family for use in fuselage interior equipment and in non-structural or secondary structural area for aerospace applications.



Keel: en  
Alusdokumendid: EN 4702-02:2017

#### **EVS-EN 4702-03:2017**

### **Aerospace series - Quick release fastening systems for non-structural and lining applications - Part 03: Stud - quick-release and locking**

This European Standard specifies the dimensions, mass, tolerances and static values of stud – quick-release and locking for use in fuselage interior equipment and non-structural or secondary structural area.

Keel: en  
Alusdokumendid: EN 4702-03:2017

#### **EVS-EN 4702-04:2017**

### **Aerospace series - Quick release fastening systems for non-structural and lining applications - Part 04: Spring clamp**

This standard describes the dimensions, mass, tolerances and static values of quick-release and locking – clamps for use in fuselage interior equipment and non-structural or secondary structural area.

Keel: en  
Alusdokumendid: EN 4702-04:2017

#### **EVS-EN 4702-05:2017**

### **Aerospace series - Quick release fastening systems for non-structural and lining applications - Part 05: Retaining washer**

The standard specifies the dimensions, mass tolerances of quick-release and locking – washers for use in fuselage interior equipment and non-structural or secondary structural area.

Keel: en  
Alusdokumendid: EN 4702-05:2017

#### **EVS-EN 6128:2017**

### **Aerospace series - Blind bolt, 100° flush head, high strength**

This European Standard specifies the configuration, dimension, tolerances and mass of a stainless steel blind bolt with 100° flush head for aerospace application.

Keel: en  
Alusdokumendid: EN 6128:2017

#### **EVS-EN 9117:2017**

### **Aerospace series - Delegated Product Release Verification**

This standard specifies requirements for DPRV to establish common product / service requirements for use at all levels of the supply chain. This standard shall apply when an organization elects to delegate product release verification by contractual flow down to their supplier (reference EN 9100 and EN 9110 standards); to perform product acceptance on their behalf. The delegating organization shall use this standard as the baseline for establishing a DPRV process, although they may include additional contract requirements to meet their specific needs.

Keel: en  
Alusdokumendid: EN 9117:2017

#### **EVS-EN 9300-005:2017**

### **Aerospace series - LOTAR - LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 005: Authentication and Verification**

EN 9300-005 describes the fundamentals and concepts of authentication and verification of the integrity of digital documents and their content during the archiving and retrieval processes. The Data Domain Parts EN 9300-x00 will specify qualification measures for the content of the document. The fundamentals given in this document cover the requirements, methods and recommendations for their implementation within an archiving system.

Keel: en  
Alusdokumendid: EN 9300-005:2017

#### **EVS-EN 9300-007:2017**

### **Aerospace series - LOTAR -LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 007: Terms and References**

This document defines the common terms, abbreviations and references used through the EN 9300 series of standard parts.

Keel: en  
Alusdokumendid: EN 9300-007:2017

## 65 PÖLLUMAJANDUS

### EVS-EN 15695-1:2017

#### **Pöllumajandustraktorid ja liikurpitsid. Operaatori (juhi) kaitse ohtlike ainete eest. Osa 1: Kabiini liigitus, nõuded ja katseprotseduurid**

#### **Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 1: Cab classification, requirements and test procedures**

This European Standard is applicable to cabs of agricultural and forestry tractors and self-propelled sprayers. Its purpose is to limit the exposure of the operator (driver) to hazardous substances when applying plant protection products (PPP) and liquid fertilisers. This European Standard specifies different categories of cabs of agricultural and forestry tractors and self-propelled sprayers and the relevant requirements and test procedures in order to limit the exposure of the operator (driver) to hazardous substances when inside the cab. It also specifies the information to be provided by the tractor or self-propelled sprayer manufacturer. This document does not cover: - the exposure linked to fumigants; - the category of cab and performance level to be used for any particular application; - the actual cab performance in the field applications; - the field durability of filters. This document is not applicable to tractor cabs which are manufactured before the date of its publication as an EN.

Keel: en

Alusdokumendid: EN 15695-1:2017

Asendab dokumenti: EVS-EN 15695-1:2010

### EVS-EN 16944:2017

#### **Agricultural machinery and tractors - Standardized access to repair and maintenance information (RMI) - Requirements**

This European Standard specifies the requirements to be fulfilled by manufacturers of tractors, interchangeable towed equipment and trailers used in agriculture and forestry in order to comply with the obligation to provide non-discriminatory access for independent operators to Repair and Maintenance Information (RMI) and to provide information on On-Board Diagnostic (OBD) systems. This standard specifies all organisational and technical requirements and means of verification to comply with the EU Regulation 167/2013 and its Delegated Acts with the objectives to allow the fair competition between manufacturers and between operators and to improve the competitiveness and future viability of companies with special regard to Small and Medium-sized Enterprises (SME). This European Standard is applicable to agricultural and forestry vehicles approved (respectively to be approved) in accordance with the EU Regulation 167/2013. This European Standard is not applicable to small series vehicles.

Keel: en

Alusdokumendid: EN 16944:2017

## 67 TOIDUAINETE TEHNOLOOGIA

### EVS-EN ISO 21294:2017

#### **Oilseeds - Manual or automatic discontinuous sampling (ISO 21294:2017)**

ISO 21294:2017 specifies the requirements for discontinuous sampling of oilseeds, using the manual or automatic method, for the purpose of assessing their quality and condition. NOTE An example of "condition" is an odour due to a treatment product.

Keel: en

Alusdokumendid: ISO 21294:2017; EN ISO 21294:2017

Asendab dokumenti: EVS-EN ISO 542:2000

## 71 KEEMILINE TEHNOLOOGIA

### EVS-EN 16956:2017

#### **Cosmetics - Analytical methods - HPLC/UV method for the identification and assay of hydroquinone, ethers of hydroquinone and corticosteroids in skin whitening cosmetic products**

This European Standard specifies a HPLC/UV method for the identification and quantification of hydroquinone, 3 ethers of hydroquinone and 4 corticosteroids most frequently found in illegally sold skin whitening cosmetic products: clobetasol propionate, betamethasone dipropionate, fluocinonide and fluocinolone acetonide. This standard also gives HPLC/UV methods for the identification of 38 corticosteroids that may be found in skin whitening cosmetic products (see Annex D). This standard is not dedicated to artificial nail products or soaps.

Keel: en

Alusdokumendid: EN 16956:2017

## 75 NAFTA JA NAFTATEHNOLOOGIA

### EVS-EN 13303:2017

#### **Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen**

This European Standard specifies a method for the determination of the loss in mass of industrial bitumen after heating. The method is used to detect volatile components. NOTE The users of the method are encouraged to gather comparative information

on binders using this standard, EN 13303 and EN 12607-2 [1] at 163 °C to facilitate the transition to the use of only one standard. WARNING - The use of this standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: EN 13303:2017

Asendab dokumenti: EVS-EN 13303:2009

### **EVS-EN ISO 2592:2017**

#### **Petroleum and related products - Determination of flash and fire points - Cleveland open cup method (ISO 2592:2017)**

ISO 2592:2017 specifies a procedure for the determination of flash and fire points of petroleum products using the Cleveland open cup apparatus. It is applicable to petroleum products having open cup flash points between 79 °C and 400 °C, except fuel oils which are most commonly tested by the closed cup procedure described in ISO 2719.

Keel: en

Alusdokumendid: ISO 2592:2017; EN ISO 2592:2017

Asendab dokumenti: EVS-EN ISO 2592:2002

## **77 METALLURGIA**

### **EVS-EN ISO 3927:2017**

#### **Metallic powders, excluding powders for hardmetals - Determination of compressibility in uniaxial compression (ISO 3927:2017)**

ISO 3927:2017 specifies methods for measuring the extent to which a metallic powder is compacted when subjected to uniaxial compressive loading in a confining die under specified conditions. The method is not applicable to powders for hardmetals.

Keel: en

Alusdokumendid: ISO 3927:2017; EN ISO 3927:2017

Asendab dokumenti: EVS-EN ISO 3927:2011

## **79 PUIDUTEHNOLOOGIA**

### **EVS-EN 13489:2017**

#### **Wood-flooring and parquet - Multi-layer parquet elements**

This European Standard specifies the characteristics of multi-layer parquet elements for internal use as flooring.

Keel: en

Alusdokumendid: EN 13489:2017

Asendab dokumenti: EVS-EN 13489:2003

## **81 KLAASI- JA KERAAMIKA-TÖÖSTUS**

### **EVS-EN ISO 18753:2017**

#### **Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of absolute density of ceramic powders by pycnometer (ISO 18753:2017)**

ISO 18753:2017 specifies a method for determining the absolute particle density of fine ceramic powders or sintered parts using liquid pycnometry. NOTE Other pycnometer methods like gas pycnometers (e.g. helium pycnometer), where a gas is used as media, also exist.

Keel: en

Alusdokumendid: ISO 18753:2017; EN ISO 18753:2017

Asendab dokumenti: EVS-EN ISO 18753:2005

## **87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS**

### **EVS-EN ISO 11997-1:2017**

#### **Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 1: Wet (salt fog)/dry/humid (ISO 11997-1:2017)**

ISO 11997-1:2017 specifies a method for the determination of the resistance of coatings to one of four defined cycles of wet (salt fog)/dry/humid conditions using specified solutions.

Keel: en

Alusdokumendid: ISO 11997-1:2017; EN ISO 11997-1:2017

Asendab dokumenti: EVS-EN ISO 11997-1:2006

**EVS-EN 12604:2017****Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements and test methods**

This European Standard specifies mechanical requirements and test methods for manually operated doors, gates and barriers, intended for installation in areas in the reach of persons, and for which the main intended use is giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises. This European Standard also covers manually operated vertically moving commercial doors such as rolling shutters and rolling grilles, used in retail premises which are mainly provided for goods protection. This document applies only to doors which are not part of the load carrying structure of the building. It does not apply to - lock gates and dock gates; - doors on vehicles; - doors mainly for the retention of animals unless they are at the site perimeter; - doors intended for pedestrian use; - railway barriers. Whenever the term "door" is used in this document, it is deemed to cover the full scope of types and variances of doors, gates and barriers defined by the scope of this Standard.

Keel: en

Alusdokumendid: EN 12604:2017

Asendab dokumenti: EVS-EN 12604:2003

Asendab dokumenti: EVS-EN 12605:2000

**EVS-EN 13303:2017****Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen**

This European Standard specifies a method for the determination of the loss in mass of industrial bitumen after heating. The method is used to detect volatile components. NOTE The users of the method are encouraged to gather comparative information on binders using this standard, EN 13303 and EN 12607-2 [1] at 163 °C to facilitate the transition to the use of only one standard. WARNING - The use of this standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: EN 13303:2017

Asendab dokumenti: EVS-EN 13303:2009

**EVS-EN 13639:2017****Determination of total organic carbon in limestone**

This European Standard specifies methods for the determination of the total organic carbon content (TOC) in limestone. The standard describes the reference method and alternative methods which can be considered to be equivalent. In the case of a dispute, only the reference method is used. Any other methods may be used provided they are calibrated, either against the reference method or against internationally accepted reference materials, in order to demonstrate their equivalence.

Keel: en

Alusdokumendid: EN 13639:2017

Asendab dokumenti: EVS-EN 13639:2002

Asendab dokumenti: EVS-EN 13639:2002/AC:2013

**EVS-EN 16516:2017****Ehitustooted. Ohtlike ainete eraldumise hindamine. Ruumide siseõhku toimuva emissiooni määramine****Construction products: Assessment of release of dangerous substances - Determination of emissions into indoor air**

This European Standard specifies a horizontal reference method for the determination of emissions of regulated dangerous substances from construction products into indoor air. This method is applicable to volatile organic compounds, semi-volatile organic compounds, and very volatile aldehydes. It is based on the use of a test chamber and subsequent analysis of the organic compounds by GC-MS or HPLC. NOTE 1 Supplemental information is given on indirect test methods (see Annex B) and on measuring very volatile organic compounds (see Annex C). NOTE 2 This European Standard describes the overall procedure and makes use of existing standards mainly by normative reference, complemented when necessary with additional or modified normative requirements.

Keel: en

Alusdokumendid: EN 16516:2017

Asendab dokumenti: CEN/TS 16516:2013

**EVS-EN ISO 13260:2011/A1:2017****Thermoplastics piping systems for non-pressure underground drainage and sewerage - Test method for resistance to combined temperature cycling and external loading - Amendment 1 (ISO 13260:2011/Amd 1:2017)**

Amendment for EN ISO 13260:2011

Keel: en

Alusdokumendid: ISO 13260:2010/Amd 1:2017; EN ISO 13260:2011/A1:2017  
Muudab dokumenti: EVS-EN ISO 13260:2011

## 93 RAJATISED

### **EVS-EN 16933-2:2017**

#### **Drain and sewer systems outside buildings - Design - Part 2: Hydraulic design**

This European Standard specifies requirements for the design of drain and sewer systems outside buildings. It is applicable to drain and sewer systems from the point where the wastewater leaves a building, roof drainage system, or paved area, to a point where it is discharged into a wastewater treatment plant or receiving water body. This document specifies requirements for the hydraulic design of drain and sewer systems and the assessment of the capacity of existing drain and sewer systems.

Keel: en

Alusdokumendid: EN 16933-2

### **EVS-EN ISO 13260:2011/A1:2017**

#### **Thermoplastics piping systems for non-pressure underground drainage and sewerage - Test method for resistance to combined temperature cycling and external loading - Amendment 1 (ISO 13260:2011/Amd 1:2017)**

Amendment for EN ISO 13260:2011

Keel: en

Alusdokumendid: ISO 13260:2010/Amd 1:2017; EN ISO 13260:2011/A1:2017

Muudab dokumenti: EVS-EN ISO 13260:2011

## 97 OLME. MEELELAHUTUS. SPORT

### **EVS-EN 16121:2013+A1:2017**

#### **Non-domestic storage furniture - Requirements for safety, strength, durability and stability**

This European Standard specifies requirements for the safety, strength, durability and stability for all types of non-domestic storage furniture. It does not apply to domestic storage, office storage, industrial storage, kitchen, catering equipment, retail storage, laboratory storage and industrial storage lockers. Requirements for strength and durability do not apply to the structure of the building for example the strength of wall hanging cabinets includes only the cabinets and the parts used for attachment. The wall and the wall attachments are not included. It does not include requirements for the resistance to ageing, degradation and flammability.

Keel: en

Alusdokumendid: EN 16121:2013+A1:2017

Asendab dokumenti: EVS-EN 16121:2013

### **EVS-EN 71-7:2014+A1:2017**

#### **Mänguasjade ohutus. Osa 7: Sörmevärvid. Nõuded ja katsemeetodid Safety of toys - Part 7: Finger paints - Requirements and test methods**

Standardi EN 71 selles osas määratakse nõuded ainetele ja materjalidele, mida kasutatakse sörmevärvides ja rakendatakse ainult sörmevärvide kohta. Lisanõuded on esitatud märgistusele, etikettimisele ja taarale.

Keel: en, et

Alusdokumendid: EN 71-7:2014+A1:2017

Asendab dokumenti: EVS-EN 71-7:2014

# ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### EVS JUHEND 4:2014

**Eesti standardi ja standardilaadse dokumendi ülesehitus, sõnastus ja vormistus**  
**Structure, formulation and presentation of an Estonian Standard and publication**

Keel: et

Asendatud järgmise dokumendiga: EVS JUHEND 4:2017

Standardi staatus: Kehtetu

### EVS-EN 27286:1999

**Kontaktkeevitusseadmete graafilised tingmärgid**  
**Graphical symbols for resistance welding equipment**

Keel: en

Alusdokumendid: ISO 7286:1986; EN 27286:1991

Standardi staatus: Kehtetu

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### CEN/TS 16172:2013

**Sludge, treated biowaste and soil - Determination of elements using graphite furnace atomic absorption spectrometry (GF- AAS)**

Keel: en

Alusdokumendid: CEN/TS 16172:2013

Standardi staatus: Kehtetu

### CEN/TS 16178:2012

**Sludge, treated biowaste and soil - Determination of pharmaceutical products**

Keel: en

Alusdokumendid: CEN/TS 16178:2012

Standardi staatus: Kehtetu

### CEN/TS 16516:2013

**Ehitustooted. Ohtlike ainete eraldumise hindamine. Ruumide siseõhku toimuva emissiooni määramine**

**Construction products - Assessment of release of dangerous substances - Determination of emissions into indoor air**

Keel: en

Alusdokumendid: CEN/TS 16516:2013

Asendatud järgmise dokumendiga: EVS-EN 16516:2017

Standardi staatus: Kehtetu

### EVS-EN 50519:2010

**Assessment of workers' exposure to electric and magnetic fields of industrial induction heating equipment**

Keel: en

Alusdokumendid: EN 50519:2010

Standardi staatus: Kehtetu

### EVS-EN 60695-11-2:2014

**Tuleohukatsetused. Osa 11-2: Katseleegid. Eelsegatud kütteseguga leek nimivõimsusega 1 kW. Seadmed, kontrollkatsetuse läbiviimine ja juhised**

**Fire hazard testing - Part 11-2: Test flames - 1 kW nominal pre-mixed flame: Apparatus, confirmatory test arrangement and guidance**

Keel: en

Alusdokumendid: IEC 60695-11-2:2013; EN 60695-11-2:2014

Asendatud järgmise dokumendiga: EVS-EN 60695-11-2:2017

Standardi staatus: Kehtetu

## **EVS-EN ISO 7250-1:2010**

### **Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks**

Keel: en

Alusdokumendid: ISO 7250-1:2008; EN ISO 7250-1:2010

Asendatud järgmise dokumendiga: EVS-EN ISO 7250-1:2017

Standardi staatus: Kehtetu

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

### **EVS-EN 50385:2003**

**Tootestandard traadita telekommunikatsioonisüsteemide raadio baasjaamade ja paiksete lõppjaamade vastavusest peamistele piirangutele või etalontasemetele, mis on seotud inimese tundlikkusega raadiosageduslike elektromagnetväljade suhtes. Elukeskkond**

**Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) - General public**

Keel: en

Alusdokumendid: EN 50385:2002

Asendatud järgmise dokumendiga: EVS-EN 50385:2017

Standardi staatus: Kehtetu

### **EVS-EN 50401:2006**

**Tootestandard raadiosidevõrkude jaoks ettenähtud kohtkindlate raadiosaateseadmete (110 MHz – 40 GHz) vastavuse tõendamiseks raadiosageduslike elektromagnetväljade elanikukiirituse alaste põhipiirangutega või baastasemetega nende seadmete kasutuselevõtul**

**Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service**

Keel: en

Alusdokumendid: EN 50401:2006

Asendatud järgmise dokumendiga: EVS-EN 50401:2017

Muudetud järgmise dokumendiga: EVS-EN 50401:2006/A1:2011

Standardi staatus: Kehtetu

### **EVS-EN 50401:2006/A1:2011**

**Tootestandard raadiosidevõrkude jaoks ettenähtud kohtkindlate raadiosaateseadmete (110 MHz – 40 GHz) vastavuse tõendamiseks raadiosageduslike elektromagnetväljade elanikukiirituse alaste põhipiirangutega või baastasemetega nende seadmete kasutuselevõtul**

**Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service**

Keel: en

Alusdokumendid: EN 50401:2006/A1:2011

Asendatud järgmise dokumendiga: EVS-EN 50401:2017

Standardi staatus: Kehtetu

### **EVS-EN 50566:2013**

**Tootestandard üldkasutatavate käeshoitavate ja kehalekinnitatud raadiosidevahendite (30 MHz kuni 6 GHz) raadiosagedusväljade nõuetekohasuse näitamiseks**

**Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz)**

Keel: en

Alusdokumendid: EN 50566:2013

Asendatud järgmise dokumendiga: EVS-EN 50566:2017

Standardi staatus: Kehtetu

### **EVS-EN 60645-1:2015**

**Elektroakustika. Audiomeetrid. Osa 1: Puhta siinustooni audiomeetrid**

**Electroacoustics - Audiometric equipment - Part 1: Equipment for pure-tone audiometry**

Keel: en  
Alusdokumendid: IEC 60645-1:2012; EN 60645-1:2015  
Asendatud järgmise dokumendiga: EVS-EN 60645-1:2017  
Standardi staatus: Kehtetu

## 25 TOOTMISTEHNOLOOGIA

### **EVS-EN 27286:1999**

#### **Kontaktkeevitusseadmete graafilised tingmärgid Graphical symbols for resistance welding equipment**

Keel: en  
Alusdokumendid: ISO 7286:1986; EN 27286:1991  
Standardi staatus: Kehtetu

### **EVS-EN 50519:2010**

#### **Assessment of workers' exposure to electric and magnetic fields of industrial induction heating equipment**

Keel: en  
Alusdokumendid: EN 50519:2010  
Standardi staatus: Kehtetu

### **EVS-EN ISO 14271:2011**

#### **Resistance welding - Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds (ISO 14271:2011)**

Keel: en  
Alusdokumendid: ISO 14271:2011; EN ISO 14271:2011  
Asendatud järgmise dokumendiga: EVS-EN ISO 14271:2017  
Parandatud järgmise dokumendiga: EVS-EN ISO 14271:2011/AC:2012  
Standardi staatus: Kehtetu

### **EVS-EN ISO 14271:2011/AC:2012**

#### **Resistance welding - Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds - Technical Corrigendum 1 (ISO 14271:2011/Cor 1:2012)**

Keel: en  
Alusdokumendid: ISO 14271:2011/Cor 1:2012; EN ISO 14271:2011/AC:2012  
Asendatud järgmise dokumendiga: EVS-EN ISO 14271:2017  
Standardi staatus: Kehtetu

## 29 ELEKTROTEHNIKA

### **EVS-EN 60079-13:2010**

#### **Plahvatusohtlikud keskkonnad. Osa 13: Ülerõhulise gaastäitega (kaitseviisiga "p") kaitstud seadmed**

#### **Explosive atmospheres - Part 13: Equipment protected by pressurized room "p"**

Keel: en  
Alusdokumendid: IEC 60079-13:2010; EN 60079-13:2010  
Asendatud järgmise dokumendiga: EVS-EN 60079-13:2017  
Standardi staatus: Kehtetu

### **EVS-EN 61810-2:2011**

#### **Electromechanical elementary relays - Part 2: Reliability**

Keel: en  
Alusdokumendid: IEC 61810-2:2011; EN 61810-2:2011  
Asendatud järgmise dokumendiga: EVS-EN 61810-2:2017  
Standardi staatus: Kehtetu

### **EVS-EN 61810-2-1:2011**

#### **Electromechanical elementary relays - Part 2: Reliability - Procedure for the verification of B10 values**

Keel: en  
Alusdokumendid: IEC 61810-2-1:2011; EN 61810-2-1:2011  
Asendatud järgmise dokumendiga: EVS-EN 61810-2-1:2017  
Standardi staatus: Kehtetu



### **EVS-EN 62683:2015**

#### **Low-voltage switchgear and controlgear - Product data and properties for information exchange**

Keel: en  
Alusdokumendid: IEC 62683:2015; EN 62683:2015  
Asendatud järgmise dokumendiga: EVS-EN 62683-1:2017  
Standardi staatus: Kehtetu

## **31 ELEKTROONIKA**

### **EVS-EN 123600:2002**

#### **Sectional Specification: Flex-rigid multilayer printed boards with through connections**

Keel: en  
Alusdokumendid: EN 123600:1996  
Standardi staatus: Kehtetu

### **EVS-EN 123700:2002**

#### **Sectional Specification: Flex-rigid double sided printed boards with through connections**

Keel: en  
Alusdokumendid: EN 123700:1996  
Standardi staatus: Kehtetu

### **EVS-EN 123800:2002**

#### **Sectional Specification: Flexible multilayer printed boards with through connections**

Keel: en  
Alusdokumendid: EN 123800:1996  
Standardi staatus: Kehtetu

### **EVS-EN 61076-3-104:2006**

#### **Connectors for electronic equipment - Product requirements -- Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 1 000 MHz**

Keel: en  
Alusdokumendid: IEC 61076-3-104:2006; EN 61076-3-104:2006  
Asendatud järgmise dokumendiga: EVS-EN 61076-3-104:2017  
Standardi staatus: Kehtetu

## **33 SIDETEHNIKA**

### **EVS-EN 50360:2002**

#### **Toote standard mobiiltelefonide vastavusest peamistele piirangutele seoses inimese tundlikkusega elektromagnetiliste väljade suhtes (300 MHz – 3 GHz) Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)**

Keel: en  
Alusdokumendid: EN 50360:2001; EN 50360:2001/AC:2006  
Asendatud järgmise dokumendiga: EVS-EN 50360:2017  
Muudetud järgmise dokumendiga: EVS-EN 50360:2002/A1:2012  
Standardi staatus: Kehtetu

### **EVS-EN 50360:2002/A1:2012**

#### **Toote standard mobiiltelefonide vastavusest peamistele piirangutele seoses inimese tundlikkusega elektromagnetiliste väljade suhtes (300 MHz – 3 GHz) Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)**

Keel: en  
Alusdokumendid: EN 50360:2001/A1:2012  
Asendatud järgmise dokumendiga: EVS-EN 50360:2017  
Standardi staatus: Kehtetu

### **EVS-EN 50385:2003**

**Tootestandard traadita telekommunikatsioonisüsteemide raadio baasjaamade ja paiksete lõppjaamade vastavusest peamistele piirangutele või etalontasemetele, mis on seotud inimese tundlikkusega raadiosageduslike elektromagnetväljade suhtes. Elukeskkond**  
**Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) - General public**

Keel: en  
Alusdokumendid: EN 50385:2002  
Asendatud järgmise dokumendiga: EVS-EN 50385:2017  
Standardi staatus: Kehtetu

### **EVS-EN 50401:2006**

**Tootestandard raadiosidevõrkude jaoks ettenähtud kohtkindlate raadiosaateseadmete (110 MHz – 40 GHz) vastavuse tõendamiseks raadiosageduslike elektromagnetväljade elanikukiirituse alaste põhipiirangutega või baastasemetega nende seadmete kasutuselevõtul**  
**Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service**

Keel: en  
Alusdokumendid: EN 50401:2006  
Asendatud järgmise dokumendiga: EVS-EN 50401:2017  
Muudetud järgmise dokumendiga: EVS-EN 50401:2006/A1:2011  
Standardi staatus: Kehtetu

### **EVS-EN 50401:2006/A1:2011**

**Tootestandard raadiosidevõrkude jaoks ettenähtud kohtkindlate raadiosaateseadmete (110 MHz – 40 GHz) vastavuse tõendamiseks raadiosageduslike elektromagnetväljade elanikukiirituse alaste põhipiirangutega või baastasemetega nende seadmete kasutuselevõtul**  
**Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service**

Keel: en  
Alusdokumendid: EN 50401:2006/A1:2011  
Asendatud järgmise dokumendiga: EVS-EN 50401:2017  
Standardi staatus: Kehtetu

### **EVS-EN 50566:2013**

**Tootestandard üldkasutatavate käeshoitavate ja kehalekinnitatud raadiosidevahendite (30 MHz kuni 6 GHz) raadiosagedusväljade nõuetekohasuse näitamiseks**  
**Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz)**

Keel: en  
Alusdokumendid: EN 50566:2013  
Asendatud järgmise dokumendiga: EVS-EN 50566:2017  
Standardi staatus: Kehtetu

## **43 MAANTEESÕIDUKITE EHITUS**

### **EVS-EN 15194:2009+A1:2011**

**Cycles - Electrically power assisted cycles - EPAC Bicycles CONSOLIDATED TEXT**

Keel: en  
Alusdokumendid: EN 15194:2009+A1:2011  
Asendatud järgmise dokumendiga: EVS-EN 15194:2017  
Standardi staatus: Kehtetu

## 45 RAUDTEETEHNIKA

### **EVS-EN 50463-1:2013**

#### **Raudteealased rakendused. Energiamõõtmised rongides. Osa 1: Üldnõuded Railway applications - Energy measurement on board trains - Part 1: General**

Keel: en

Alusdokumendid: EN 50463-1:2012

Asendatud järgmise dokumendiga: EVS-EN 50463-1:2017

Standardi staatus: Kehtetu

### **EVS-EN 50463-2:2013**

#### **Raudteealased rakendused. Energiamõõtmised rongides. Osa 2: Energiamõõtmised Railway applications - Energy measurement on board trains - Part 2: Energy measuring**

Keel: en

Alusdokumendid: EN 50463-2:2012

Asendatud järgmise dokumendiga: EVS-EN 50463-2:2017

Standardi staatus: Kehtetu

### **EVS-EN 50463-3:2013**

#### **Raudteealased rakendused. Energiamõõtmised rongides. Osa 3: Andmekäsitlus Railway applications - Energy measurement on board trains - Part 3: Data handling**

Keel: en

Alusdokumendid: EN 50463-3:2012

Asendatud järgmise dokumendiga: EVS-EN 50463-3:2017

Standardi staatus: Kehtetu

### **EVS-EN 50463-4:2013**

#### **Raudteealased rakendused. Energiamõõtmised rongides. Osa 4: Kommunikatsioon Railway applications - Energy measurement on board trains - Part 4: Communication**

Keel: en

Alusdokumendid: EN 50463-4:2012

Asendatud järgmise dokumendiga: EVS-EN 50463-4:2017

Standardi staatus: Kehtetu

### **EVS-EN 50463-5:2013**

#### **Raudteealased rakendused. Energiamõõtmised rongides. Osa 5: Vastavushindamine Railway applications - Energy measurement on board trains - Part 5: Conformity assessment**

Keel: en

Alusdokumendid: EN 50463-5:2012

Asendatud järgmise dokumendiga: EVS-EN 50463-5:2017

Standardi staatus: Kehtetu

## 47 LAEVAEHITUS JA MERE-EHITISED

### **EVS-EN ISO 11105:1999**

#### **Väikelaevad. Bensiinimootori ja/või bensiinipaagi sektsioonide ventilatsioon Small craft - Ventilation of petrol engine and/or petrol tank compartments**

Keel: en

Alusdokumendid: ISO 11105:1997; EN ISO 11105:1997

Asendatud järgmise dokumendiga: EVS-EN ISO 11105:2017

Standardi staatus: Kehtetu

### **EVS-EN ISO 12217-1:2015**

#### **Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 1: Mitte purjelaevad, mille kere pikkus on 6 meetrit või rohkem Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO 12217-1:2015)**

Keel: en

Alusdokumendid: ISO 12217-1:2015; EN ISO 12217-1:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 12217-1:2017

Standardi staatus: Kehtetu

### **EVS-EN ISO 12217-2:2015**

**Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 2: Purjelaevad, mille kere pikkus on 6 meetrit või rohkem**

**Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m (ISO 12217-2:2015)**

Keel: en

Alusdokumendid: ISO 12217-2:2015; EN ISO 12217-2:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 12217-2:2017

Standardi staatus: Kehtetu

## **49 LENNUNDUS JA KOSMOSETEHNIKA**

### **EVS-EN 14776:2004**

**Space engineering - Ground systems and operations - Telemetry and telecommand packet utilization**

Keel: en

Alusdokumendid: EN 14776:2004

Asendatud järgmise dokumendiga: EVS-EN 16603-70-41:2017

Standardi staatus: Kehtetu

## **65 PÖLLUMAJANDUS**

### **EVS-EN 15695-1:2010**

**Põllumajandustraktorid ja liikurpitsid. Operaatori (juhi) kaitse ohtlike ainete eest. Osa 1: Kabiini liigitus, nõuded ja katseprotseduurid**

**Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 1: Cab classification, requirements and test procedures**

Keel: en

Alusdokumendid: EN 15695-1:2009

Asendatud järgmise dokumendiga: EVS-EN 15695-1:2017

Standardi staatus: Kehtetu

## **67 TOIDUAINETE TEHNOLOOGIA**

### **EVS-EN ISO 542:2000**

**Õliseemned. Proovivõtmine  
Oilseeds - Sampling**

Keel: en, et

Alusdokumendid: ISO 542:1990; EN ISO 542:1995

Asendatud järgmise dokumendiga: EVS-EN ISO 21294:2017

Standardi staatus: Kehtetu

## **75 NAFTA JA NAFTATEHNOLOOGIA**

### **EVS-EN 13303:2009**

**Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen**

Keel: en

Alusdokumendid: EN 13303:2009

Asendatud järgmise dokumendiga: EVS-EN 13303:2017

Standardi staatus: Kehtetu

### **EVS-EN ISO 2592:2002**

**Leekpunkti ja süttimistemperatuuri määramine. Clevelandi avatud tiigli meetod  
Determination of flash and fire points - Cleveland open cup method**

Keel: en

Alusdokumendid: ISO 2592:2000; EN ISO 2592:2001

Asendatud järgmise dokumendiga: EVS-EN ISO 2592:2017

Standardi staatus: Kehtetu

## 77 METALLURGIA

### EVS-EN ISO 3927:2011

#### **Metallic powders, excluding powders for hardmetals - Determination of compressibility in uniaxial compression (ISO 3927:2011)**

Keel: en

Alusdokumendid: ISO 3927:2011; EN ISO 3927:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 3927:2017

Standardi staatus: Kehtetu

## 79 PUIDUTEHNOLOOGIA

### EVS-EN 13489:2003

#### **Puidust põrandakate. Mitmekihilised parkettelemendid Wood flooring - Multi-layer parquet elements**

Keel: en

Alusdokumendid: EN 13489:2002

Asendatud järgmise dokumendiga: EVS-EN 13489:2017

Standardi staatus: Kehtetu

## 81 KLAASI- JA KERAAMIKA-TÖÖSTUS

### EVS-EN ISO 18753:2005

#### **Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of absolute density of ceramic powders by pycnometer**

Keel: en

Alusdokumendid: ISO 18753:2004; EN ISO 18753:2005

Asendatud järgmise dokumendiga: EVS-EN ISO 18753:2017

Standardi staatus: Kehtetu

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

### EVS-EN ISO 11997-1:2006

#### **Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 1: Wet (salt fog)/dry/humidity**

Keel: en

Alusdokumendid: ISO 11997-1:2005; EN ISO 11997-1:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 11997-1:2017

Standardi staatus: Kehtetu

## 91 EHITUSMATERJALID JA EHITUS

### CEN/TS 16516:2013

#### **Ehitustooted. Ohtlike ainete eraldumise hindamine. Ruumide siseõhku toimuva emissiooni määramine**

#### **Construction products - Assessment of release of dangerous substances - Determination of emissions into indoor air**

Keel: en

Alusdokumendid: CEN/TS 16516:2013

Asendatud järgmise dokumendiga: EVS-EN 16516:2017

Standardi staatus: Kehtetu

### EVS-EN 12604:2003

#### **Tööstus-, kommerts- ning garaažiuksed ja -väravad. Mehaanilised aspektid. Nõuded Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements**

Keel: en, et

Alusdokumendid: EN 12604:2000

Asendatud järgmise dokumendiga: EVS-EN 12604:2017

Standardi staatus: Kehtetu

### EVS-EN 12605:2000

#### **Industrial, commercial and garage doors and gates - Mechanical aspects - Test Methods**

Keel: en  
Alusdokumendid: EN 12605:2000  
Asendatud järgmise dokumendiga: EVS-EN 12604:2017  
Standardi staatus: Kehtetu

#### **EVS-EN 13303:2009**

**Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen**

**Bitumen and bituminous binders - Determination of the loss of mass after heating of industrial bitumen**

Keel: en  
Alusdokumendid: EN 13303:2009  
Asendatud järgmise dokumendiga: EVS-EN 13303:2017  
Standardi staatus: Kehtetu

#### **EVS-EN 13639:2002**

**Orgaanilise süsiniku üldsisalduse määramine lubjakivis**  
**Determination of total organic carbon in limestone**

Keel: en  
Alusdokumendid: EN 13639:2002+AC:2004  
Asendatud järgmise dokumendiga: EVS-EN 13639:2017  
Parandatud järgmise dokumendiga: EVS-EN 13639:2002/AC:2013  
Standardi staatus: Kehtetu

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

#### **EVS-EN 16121:2013**

**Koduväline mahutismööbel. Nõuded ohutusele, tugevusele, vastupidavusele ja stabiilsusele**  
**Non-domestic storage furniture - Requirements for safety, strength, durability and stability**

Keel: en  
Alusdokumendid: EN 16121:2013  
Asendatud järgmise dokumendiga: EVS-EN 16121:2013+A1:2017  
Standardi staatus: Kehtetu

#### **EVS-EN 50090-8:2002**

**Home and Building Electronic Systems (HBES) -- Part 8: Conformity assesment of products**

Keel: en  
Alusdokumendid: EN 50090-8:2000  
Standardi staatus: Kehtetu

#### **EVS-EN 71-7:2014**

**Mänguasjade ohutus. Osa 7: Sõrmevärvid. Nõuded ja katsemeetodid**  
**Safety of toys - Part 7: Finger paints - Requirements and test methods**

Keel: en, et  
Alusdokumendid: EN 71-7:2014  
Asendatud järgmise dokumendiga: EVS-EN 71-7:2014+A1:2017  
Standardi staatus: Kehtetu

# STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast 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: <https://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

### FprEN 9300-200

#### **Aerospace series - LOTAR -Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 200: Common Concepts for Long term Archiving and Retrieval of Product Structure Information**

The EN 9300-2xx series does not address primary technical data content or operation of the configuration management process itself. The EN 9300-2xx series only delivers methods for long term archiving and retrieval of PDM data. Methods for long term archiving and retrieval of primary technical data (content data) attached to PDM data is not in scope of the EN 9300-2xx series. These are delivered within the scope of other parts of EN 9300 as 1xx series for CAD or by applying existing available standards.

Keel: en

Alusdokumendid: FprEN 9300-200

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN 12944-3

#### **Fertilizers and liming materials - Vocabulary - Part 3: Terms relating to liming materials**

This European Standard defines terms relating to liming materials. An index of all terms defined in this part of EN 12944, with their French and German equivalents is given in Annex A. A general index of all terms defined in all three parts of EN 12944, with their French and German equivalents, is given in Annex B.

Keel: en

Alusdokumendid: prEN 12944-3

Asendab dokumenti: EVS-EN 12944-3:2002

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN 14564

#### **Tanks for the transport of dangerous goods - Terminology**

This European Standard gives the terminology for all tanks and does not cover carriage in bulk for the transport of dangerous goods. This document is part of the standards on tanks for transport of dangerous goods, prepared by CEN/TC 296 in application of the RID/ADR [2, 3]: - Annex A gives some definitions taken from RID/ADR chapter 1.2 ; and — Annex B gives some definitions taken from RID/ADR chapter 6.7. NOTE Annexes A and B are based on the 2017 edition of RID/ADR which are updated every two years. This includes the potential of temporary inconsistencies with these annexes.

Keel: en

Alusdokumendid: prEN 14564

Asendab dokumenti: EVS-EN 14564:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN ISO 14880-1

#### **Optics and photonics - Microlens arrays - Part 1: Vocabulary (ISO/DIS 14880-1:2017)**

This part of ISO 14880 defines terms for microlens arrays. It applies to microlens arrays which consist of arrays of very small lenses formed inside or on one or more surfaces of a common substrate and systems. The aim of this part of ISO 14880 is to

improve the compatibility and interchangeability of lens arrays from different suppliers and to enhance the development of technology using microlens arrays.

Keel: en

Alusdokumendid: ISO/DIS 14880-1; prEN ISO 14880-1

Asendab dokumenti: EVS-EN ISO 14880-1:2016

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

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

### prEVS 875-8

#### Vara hindamine. Osa 8: Kulumeetod

#### Property valuation - Part 8: Cost approach

EVS 875-8: See standard käsitleb kulumeetodi kasutamise eesmärke ja võimalusi ning maa ja ehitiste hindamist kulumeetodi abil.

Keel: et

Asendab dokumenti: EVS 875-8:2012

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEVS 875-9

#### Vara hindamine. Osa 9: Tulumeetod

#### Property valuation - Part 9: Income Approach

EVS 875-9: See standard käsitleb tulumeetodi kasutamise eesmärke ja võimalusi kinnisvara hindamisel ja investeringute analüüsil.

Keel: et

Asendab dokumenti: EVS 875-9:2012

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 07 LOODUS- JA RAKENDUSTEADUSED

### prEN ISO 8199

#### Water quality - General requirements and guidance for microbiological examinations by culture (ISO/DIS 8199:2017)

This document gives requirements and guidance for performing the manipulations common to each culture technique for the microbiological examination of water, particularly the preparation of samples, culture media, and general apparatus and glassware, unless otherwise required in the specific standard. This document also describes the various techniques available for detection and enumeration by culture and the criteria for determining which technique is appropriate. This document is mainly intended for examinations for bacteria, yeasts and moulds, but some aspects are also applicable to bacteriophages, viruses and parasites. Techniques not based on culturing microorganisms, such as polymerase chain reaction (PCR) methods, are excluded from the scope.

Keel: en

Alusdokumendid: ISO/DIS 8199; prEN ISO 8199

Asendab dokumenti: EVS-EN ISO 8199:2007

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 11 TERVISEHOOLDUS

### prEN ISO 23907-1

#### Sharps injury protection - Requirements and test methods - Part 1: Single-use sharps containers (ISO/DIS 23907-1:2017)

This document specifies requirements for single-use sharps containers intended to hold potentially hazardous sharps medical waste with or without sharps protection features, e.g. scalpel blades, trocars, hypodermic needles and syringes. It is applicable to sharps containers that are supplied complete by the manufacturer and to those that are supplied as components intended to be assembled by the user. It is not applicable to reusable sharps containers or the outer containers used in the transportation of filled single-use sharps containers.

Keel: en

Alusdokumendid: ISO/DIS 23907-1; prEN ISO 23907-1

Asendab dokumenti: EVS-EN ISO 23907:2012

**Arvamusküsitluse lõppkuupäev: 16.12.2017**



**prEN 14564****Tanks for the transport of dangerous goods - Terminology**

This European Standard gives the terminology for all tanks and does not cover carriage in bulk for the transport of dangerous goods. This document is part of the standards on tanks for transport of dangerous goods, prepared by CEN/TC 296 in application of the RID/ADR [2, 3]: - Annex A gives some definitions taken from RID/ADR chapter 1.2 ; and — Annex B gives some definitions taken from RID/ADR chapter 6.7. NOTE Annexes A and B are based on the 2017 edition of RID/ADR which are updated every two years. This includes the potential of temporary inconsistencies with these annexes.

Keel: en

Alusdokumendid: prEN 14564

Asendab dokumenti: EVS-EN 14564:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

**prEN 15659****Secure storage units - Classification and methods of test for resistance to fire - Light fire storage units**

This European Standard specifies requirements for light fire storage units providing protection against fire. The method of test is specified to determine the ability of light fire storage units to protect paper media from the effects of fire. Two levels of fire exposure periods (LFS 30 P and LFS 60 P) are specified using the maximum temperature increase permitted within the storage space of the light fire storage unit. Requirements are also specified for the test specimen, the technical documentation for the test specimen, correlation of the test specimen with the technical documentation, preparation for type testing and test procedures. A scheme to classify the light fire storage units from the test results is also given (see Table 1).

Keel: en

Alusdokumendid: prEN 15659

Asendab dokumenti: EVS-EN 15659:2009

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

**prEN 62676-2-31:2017****Video surveillance systems for use in security applications - Part 2-31: Video transmission protocols - IP interoperability implementation based on Web services - Live streaming and configuration**

This standard defines procedures for communication between network video clients and video transmitter devices. This new set of specifications makes it possible to build network video systems with devices and receivers from different manufacturers using common and well defined interfaces. These interfaces cover functions such as media and imaging configuration, real-time streaming of audio and video, Pan, Tilt and Zoom (PTZ) control as well as analytics. The management and control interfaces defined in this standard are described as Web Services. This standard also contains XML schema and Web Service Description Language (WSDL) definitions for the introduced network services.

Keel: en

Alusdokumendid: IEC 62676-2-31:201X; prEN 62676-2-31:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

**prEN 62676-2-32:2017****Video surveillance systems for use in security applications - Part 2-32: Video transmission protocols - IP interoperability implementation based on Web services - Recording**

This part of IEC 62676 specifies The web service interface for the configuration of recording of Video, Audio and Metadata. Additionally associated events are defined. The overview section provides a definition of the storage model this standard is based on Web service usage is outside of the scope of this document. Please refer to the IEC 60839-11-31 for more information

Keel: en

Alusdokumendid: IEC 62676-2-32:201X; prEN 62676-2-32:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

**prEN ISO 14067****Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification (ISO/DIS 14067:2017)**

This document specifies principles, requirements and guidelines for the quantification and reporting (see Clause 7) of the carbon footprint of a product (CFP), in a manner consistent with International Standards on life cycle assessment (ISO 14040 and ISO 14044). Requirements and guidelines for the quantification of a partial carbon footprint of a product (partial CFP) are also specified. This document is applicable to CFP studies, the result of which provide the basis for different options (see Clause 4) including communication of CFP information in accordance with ISO 14026. This document addresses only a single impact category: climate change. Carbon offsetting and communication of the CFP or partial CFP information are outside of the scope of this document. This document does not assess any social or economic aspects or impacts or any other environmental aspects and related impacts potentially arising from the life cycle of a product.

Keel: en

Alusdokumendid: ISO/DIS 14067; prEN ISO 14067  
Asendab dokumenti: CEN ISO/TS 14067:2014

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN ISO 23470

#### **Soil quality - Determination of effective cation exchange capacity (CEC) and exchangeable cations using a hexamminecobalt trichloride solution (ISO/DIS 23470:2017)**

This International Standard specifies a method for the determination of cation exchange capacity (CEC) and the content of exchangeable cations (Al, Ca, Fe, K, Mg, Mn, Na) in soils using a hexamminecobalt trichloride solution as extractant. For soils containing calcium carbonate a calcite saturated hexamminecobalt trichloride solution is specified particularly for determination of exchangeable Ca. This method was introduced to avoid erroneous (inflated) Ca values. This International Standard is applicable to all types of air-dry soil samples which have been prepared in accordance with ISO 11464. Hexamminecobalt trichloride is recommended as an extractant for non-calcareous soils with a pH value < 6.5. As the pH value of a soil suspension in the hexamminecobalt trichloride solution is close to the pH value of the suspension in water, this method is considered to give the effective CEC, i.e. the CEC at the soil pH value (e.g. according to ISO 11206). A calcite saturated hexamminecobalt trichloride solution is recommended for calcareous soils with a pH value > 6.5. Here only the exchangeable cations Ca, Mg, K and Na plus the total CEC are determined. The pH value of the calcite saturated hexamminecobalt trichloride solution is approximately 9. Thus the results are comparable to the determination of potential CEC (e.g. according to ISO 13536). Reference and results of the comparison with other methods (barium chloride, ammonium acetate) are given in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 23470; prEN ISO 23470  
Asendab dokumenti: EVS-EN ISO 23470:2011

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEVS 812-7

#### **Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõude, tuleohutusnõude tagamine projekteerimise ja ehitamise käigus**

#### **Fire safety of constructions - Part 7: The fulfilment of essential requirement - Safety of construction works in case of fire in the course of design and building process**

Käesolev standard annab selgitused ja tüüplahendused standardolukordade lahendamiseks määrusega kehtestatud oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Eriahenduste ohutust on endiselt võimalik tõendada ka muul usaldusväärsel viisil, kui on tagatud oluliste nõuete minimaalne tase.

Keel: et

Asendab dokumenti: EVS 812-7:2008

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

### EN 1434-1:2015/prA1

#### **Soojusarvestid. Osa 1: Üldnõuded**

#### **Thermal energy meters - Part 1: General requirements**

This European Standard specifies the general requirements and applies to heat meters. Heat meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The heat meter indicates the quantity of heat in legal units. Electrical safety requirements are not covered by this European Standard. Pressure safety requirements are not covered by this European Standard. Surface mounted temperature sensors are not covered by this European Standard. This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en

Alusdokumendid: EN 1434-1:2015/prA1  
Muudab dokumenti: EVS-EN 1434-1:2015

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### EN 1434-2:2015/prA1

#### **Soojusarvestid. Osa 2: Konstruksiooninõuded**

#### **Thermal energy meters - Part 2: Constructional requirements**

This European Standard specifies the constructional requirements and applies to heat meters. Heat meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The heat meter indicates the quantity of heat in legal units. Electrical safety requirements are not covered by this European Standard. Pressure safety requirements are not covered by this European Standard. Surface mounted temperature sensors are not covered by this European Standard. This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en

Alusdokumendid: EN 1434-2:2015/prA1  
Muudab dokumenti: EVS-EN 1434-2:2015

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### [EN 1434-4:2015/prA1](#)

#### **Soojusarvestid. Osa 4: Mudeli tüübikatsed Thermal energy meters - Part 4: Pattern approval tests**

This European Standard specifies pattern approval tests and applies to heat meters. Heat meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The heat meter indicates the quantity of heat in legal units. Electrical safety requirements are not covered by this European Standard. Pressure safety requirements are not covered by this European Standard. Surface mounted temperature sensors are not covered by this European Standard. This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en

Alusdokumendid: EN 1434-4:2015/prA1

Muudab dokumenti: EVS-EN 1434-4:2015

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### [EN 1434-5:2015/prA1](#)

#### **Soojusarvestid. Osa 5: Esmataatluskatsed Thermal energy meters - Part 5: Initial verification tests**

This European Standard specifies initial verification tests and applies to heat meters. Heat meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The heat meter indicates the quantity of heat in legal units. Electrical safety requirements are not covered by this European Standard. Pressure safety requirements are not covered by this European Standard. Surface mounted temperature sensors are not covered by this European Standard. This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en

Alusdokumendid: EN 1434-5:2015/prA1

Muudab dokumenti: EVS-EN 1434-5:2015

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### [EN 1434-6:2015/prA1](#)

#### **Soojusarvestid. Osa 6: Paigaldus, kasutuselevõtt, käidukontroll ja hooldus Thermal energy meters - Part 6: Installation, commissioning, operational monitoring and maintenance**

This European Standard specifies commissioning, operational monitoring and maintenance and applies to heat meters. Heat meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The heat meter indicates the quantity of heat in legal units. Electrical safety requirements are not covered by this European Standard. Pressure safety requirements are not covered by this European Standard. Surface mounted temperature sensors are not covered by this European Standard. This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en

Alusdokumendid: EN 1434-6:2015/prA1

Muudab dokumenti: EVS-EN 1434-6:2015

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### [prEN 61265:2017](#)

#### **Electroacoustics - Instruments for measurement of aircraft noise - Performance requirements for systems to measure sound pressure levels in noise certification of aircraft**

This document specifies requirements for the electroacoustical performance of systems of instruments used to measure sound for the purposes of aircraft noise certification, and for other comparisons among aircraft models, and recommends methods by which tests can be made periodically to verify that the performance continues to conform to the requirements within stated limits. In general, a sound measurement system for this purpose comprises a combination of instruments extending from a microphone, including its windscreen and other accessories, through data recording and processing devices to a suitable output. Different measurement systems, regardless of their composition, perform the necessary functions in different ways and operate on either analogue or digital principles.

Keel: en

Alusdokumendid: IEC 61265:201X; prEN 61265:2017

Asendab dokumenti: EVS-EN 61265:2002

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### [prEN ISO 3743-2](#)

#### **Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms (ISO/FDIS 3743-2:2017)**

This part document specifies a relatively simple engineering method for determining the sound power levels of small, movable noise sources. The methods specified in this document are suitable for measurements of all types of noise within a specified

frequency range, except impulsive noise consisting of isolated bursts of sound energy which are covered by ISO 3744 and ISO 3745. NOTE A classification of different types of noise is given in ISO 12001.

Keel: en

Alusdokumendid: ISO/FDIS 3743-2; prEN ISO 3743-2

Asendab dokumenti: EVS-EN ISO 3743-2:2009

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 19 KATSETAMINE

### prEN 60112:2017

#### **Method for the determination of the proof and the comparative tracking indices of solid insulating materials**

This International standard specifies the method of test for the determination of the proof and comparative tracking indices of solid insulating materials on pieces taken from parts of equipment and on plaques of material using alternating voltages. The standard provides for the determination of erosion when required.

Keel: en

Alusdokumendid: IEC 60112:201X; prEN 60112:2017

Asendab dokumenti: EVS-EN 60112:2003

Asendab dokumenti: EVS-EN 60112:2003/A1:2010

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### prEN 13175

#### **LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings**

This European Standard specifies minimum requirements for the design, testing and production testing of valves, including appropriate fittings, which are connected to mobile or static LPG pressure vessels above 150 l water capacity. Pressure relief valves and their ancillary equipment, contents gauges and automotive LPG components are outside the scope of this European Standard. This European Standard does not apply to refineries or other process plants.

Keel: en

Alusdokumendid: prEN 13175

Asendab dokumenti: EVS-EN 13175:2014

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN 14564

#### **Tanks for the transport of dangerous goods - Terminology**

This European Standard gives the terminology for all tanks and does not cover carriage in bulk for the transport of dangerous goods. This document is part of the standards on tanks for transport of dangerous goods, prepared by CEN/TC 296 in application of the RID/ADR [2, 3]: — Annex A gives some definitions taken from RID/ADR chapter 1.2; and — Annex B gives some definitions taken from RID/ADR chapter 6.7. NOTE Annexes A and B are based on the 2017 edition of RID/ADR which are updated every two years. This includes the potential of temporary inconsistencies with these annexes.

Keel: en

Alusdokumendid: prEN 14564

Asendab dokumenti: EVS-EN 14564:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 25 TOOTMISTEHNOLOGIA

### FprEN 62841-4-2:2017/FprAA:2017

#### **Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 4-2: Erinõuded hekilõikuritele Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-2: Particular requirements for hedge trimmers**

Common modification for FprEN 62841-4-2:2017

Keel: en

Alusdokumendid: FprEN 62841-4-2:2017/FprAA:2017

Muudab dokumenti: FprEN 62841-4-2:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### prEN ISO 11124-1

### **Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 1: General introduction and classification (ISO/DIS 11124-1:2017)**

This part of ISO 11124 specifies requirements for 12 grades of chilled-iron grit abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes, together with corresponding grade designations. Values are specified for hardness, density, defect/structural requirements and chemical composition. The requirements specified in this part of ISO 11124 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125. Chilled-iron grit abrasives are used in both static and site blasting equipment. They are most often selected where a facility exists for recovery and re-use of the abrasive. Note 1 Information on commonly referenced national standards for metallic abrasives and their approximate relationship with ISO 11124 is given in Annex A. Note 2 Although this part of ISO 11124 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

Keel: en

Alusdokumendid: ISO/DIS 11124-2; prEN ISO 11124-1

Asendab dokumenti: EVS-EN ISO 11124-1:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### prEN ISO 11124-2

### **Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 2: Chilled-iron grit (ISO/DIS 11124-2:2017)**

This part of ISO 11124 specifies requirements for 12 grades of chilled-iron grit abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes, together with corresponding grade designations. Values are specified for hardness, density, defect/structural requirements and chemical composition. The requirements specified in this part of ISO 11124 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125. Chilled-iron grit abrasives are used in both static and site blasting equipment. They are most often selected where a facility exists for recovery and re-use of the abrasive. Note 1 Information on commonly referenced national standards for metallic abrasives and their approximate relationship with ISO 11124 is given in Annex A. Note 2 Although this part of ISO 11124 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

Keel: en

Alusdokumendid: ISO/DIS 11124-2; prEN ISO 11124-2

Asendab dokumenti: EVS-EN ISO 11124-2:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### prEN ISO 11124-3

### **Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 3: High-carbon cast-steel shot and grit (ISO/DIS 11124-3:2017)**

This part of ISO 11124 specifies requirements for 14 grades of high-carbon cast-steel shot and 11 grades of high-carbon cast-steel grit, as supplied for blast-cleaning processes. Values are specified for hardness, density, defect/structural requirements and chemical composition. The requirements specified in this part of ISO 11124 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125. High-carbon cast-steel shot and grit are used in both static and site blasting equipment. They are most often selected where a facility exists for the recovery and re-use of the abrasive. NOTE 1 Information on commonly referenced national standards for metallic abrasives and their approximate relationship with ISO 11124 is given in Annex A. NOTE 2 Although this part of ISO 11124 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2:1992, Preparation of steel substrates before application of paints and related products — Surface preparation methods — Part 2: Abrasive blast-cleaning.

Keel: en

Alusdokumendid: ISO/DIS 11124-3; prEN ISO 11124-3

Asendab dokumenti: EVS-EN ISO 11124-3:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### prEN ISO 11124-4

### **Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 4: Low-carbon cast-steel shot (ISO/DIS 11124-4:2017)**

This part of ISO 11124 specifies requirements for 12 grades of low-carbon cast-steel shot abrasive, as supplied for blast-cleaning processes. Values are specified for hardness, density, defect/structural requirements and chemical composition. The requirements specified in this part of ISO 11124 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125.

Low-carbon cast-steel shot abrasives are used in both static and site blasting equipment. They are most often selected where a facility exists for recovery and re-use of the abrasive. Note 1 Information on commonly referenced national standards for metallic abrasives and their approximate relationship with ISO 11124 is given in Annex A. Note 2 Although this part of ISO 11124 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2, Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 2: Abrasive blast-cleaning.

Keel: en

Alusdokumendid: ISO/DIS 11124-4; prEN ISO 11124-4

Asendab dokumenti: EVS-EN ISO 11124-4:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11125-1**

### **Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 1: Sampling (ISO/DIS 11125-1:2017)**

This part of ISO 11125 specifies a method for the sampling of metallic blast-cleaning abrasives from consignments and for the subdivision of the sample into quantities suitable for undertaking the appropriate test methods specified in other parts of ISO 11125. This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning. The types of metallic abrasive and requirements for each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 11125-1; prEN ISO 11125-1

Asendab dokumenti: EVS-EN ISO 11125-1:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11125-2**

### **Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 2: Determination of particle size distribution (ISO/DIS 11125-2:2017)**

This part of ISO 11125 specifies a test method for the determination of particle size distribution of metallic blast-cleaning abrasives by sieving. This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning. The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 11125-2; prEN ISO 11125-2

Asendab dokumenti: EVS-EN ISO 11125-2:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11125-3**

### **Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 3: Determination of hardness (ISO/DIS 11125-3:2017)**

This part of ISO 11125 specifies a test method for the determination of the Vickers hardness of metallic blast-cleaning abrasives. This method is not recommended for the testing of particle sizes below 0,3 mm. NOTE Accurate testing of particles below 0,3 mm (grades S040/G050) is extremely difficult. This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning. The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 11125-3; prEN ISO 11125-3

Asendab dokumenti: EVS-EN ISO 11125-3:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11125-4**

### **Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 4: Determination of apparent density (ISO/DIS 11125-4:2017)**

This part of ISO 11125 specifies a test method for the determination of the apparent density of metallic blast-cleaning abrasives. The purpose of the test is to establish the soundness of the metallic abrasive. Significant levels of internal shrinkage or hollow particles will reduce the apparent density. This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning. The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 11125-4; prEN ISO 11125-4

Asendab dokumenti: EVS-EN ISO 11125-4:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11125-5**

### **Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 5: Determination of percentage defective particles and of microstructure (ISO/DIS 11125-5:2017)**

This part of ISO 11125 specifies test methods for the determination of the percentage of defective particles and of the microstructure of metallic blast-cleaning abrasives. This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning. The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 11125-5; prEN ISO 11125-5

Asendab dokumenti: EVS-EN ISO 11125-5:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11125-6**

### **Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 6: Determination of foreign matter (ISO/DIS 11125-6:2017)**

The purpose of the test is to establish the level to which the abrasive is contaminated by foreign matter. The level of foreign matter, e.g. oxides and residual metallurgical slag, is determined by magnetic separation. This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning. The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A. This part of ISO 11125 specifies a test method for the determination of foreign matter in metallic blast-cleaning abrasives.

Keel: en

Alusdokumendid: ISO/DIS 11125-6; prEN ISO 11125-6

Asendab dokumenti: EVS-EN ISO 11125-6:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11125-7**

### **Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 7: Determination of moisture (ISO/DIS 11125-7:2017)**

This part of ISO 11125 specifies a test method for the determination of the level of free moisture present in metallic blast-cleaning abrasives. It is determined by measuring the mass lost on heating. This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning. The types of metallic abrasive and requirements for each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 11125-7; prEN ISO 11125-7

Asendab dokumenti: EVS-EN ISO 11125-7:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

#### **prEN ISO 11126-1**

### **Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 1: General introduction and classification (ISO/DIS 11126-1:2017)**

This part of ISO 11126 describes a classification of non-metallic blast-cleaning abrasives for the preparation of steel substrates before application of paints and related products. It specifies the characteristics which are required for the complete designation of such abrasives. This part of ISO 11126 applies to abrasives supplied in the "new" or unused condition only. It does not apply to abrasives either during or after use. NOTE Although this part of ISO 11126 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

Keel: en

Alusdokumendid: ISO/DIS 11126-1; prEN ISO 11126-1

Asendab dokumenti: EVS-EN ISO 11126-1:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN ISO 11126-3

#### **Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 3: Copper refinery slag (ISO/DIS 11126-3:2017)**

This part of ISO 11126 specifies requirements for copper refinery slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this part of ISO 11126 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127. NOTE Although this part of ISO 11126 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2:2000.

Keel: en

Alusdokumendid: ISO/DIS 11126-3; prEN ISO 11126-3

Asendab dokumenti: EVS-EN ISO 11126-3:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN ISO 11126-4

#### **Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 4: Coal furnace slag (ISO/DIS 11126-4:2017)**

This part of ISO 11126 specifies requirements for coal furnace slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this part of ISO 11126 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127. Note Although this part of ISO 11126 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504:2000.

Keel: en

Alusdokumendid: ISO/DIS 11126-4; prEN ISO 11126-4

Asendab dokumenti: EVS-EN ISO 11126-4:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN ISO 11126-5

#### **Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 5: Nickel refinery slag (ISO/DIS 11126-5:2017)**

This part of ISO 11126 specifies requirements for nickel refinery slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this part of ISO 11126 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127. NOTE Although this part of ISO 11126 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2:2000.

Keel: en

Alusdokumendid: ISO/DIS 11126-5; prEN ISO 11126-5

Asendab dokumenti: EVS-EN ISO 11126-5:2003

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN ISO 11126-6

#### **Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 6: Iron furnace slag (ISO/DIS 11126-6:2017)**

This part of ISO 11126 specifies requirements for iron furnace slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this part of ISO 11126 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127. NOTE Although this part of ISO 11126 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2:2000.

Keel: en

Alusdokumendid: ISO/DIS 11126-6; prEN ISO 11126-6

Asendab dokumenti: EVS-EN ISO 11126-6:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**



## prEN ISO 11126-7

### **Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 7: Fused aluminium oxide (ISO/DIS 11126-7:2017)**

This part of ISO 11126 specifies requirements for fused aluminium oxide abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, bulk density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this part of ISO 11126 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127. Note 1 Information on commonly referenced national and international standards is given in Annex A1. Note 2 Although this part of ISO 11126 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2

Keel: en

Alusdokumendid: ISO/DIS 11126-7; prEN ISO 11126-7

Asendab dokumenti: EVS-EN ISO 11126-7:2000

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## prEN ISO 11126-8

### **Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 8: Olivine (ISO/DIS 11126-8:2017)**

This part of ISO 11126 specifies requirements for olivine abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this part of ISO 11126 apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127. NOTE Although this part of ISO 11126 has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2:2000.

Keel: en

Alusdokumendid: ISO/DIS 11126-8; prEN ISO 11126-8

Asendab dokumenti: EVS-EN ISO 11126-8:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 29 ELEKTROTEHNIKA

### EN 60061-1:1993/prA58:2017

#### **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**

Amendment for EN 60061-1:1993

Keel: en

Alusdokumendid: IEC 60061-1:1969/A58:201X; EN 60061-1:1993/prA58:2017

Muudab dokumenti: EVS-EN 60061-1:2001

Muudab dokumenti: EVS-EN 60061-1:2001+A49:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### EN 60061-1:1993/prA58:2017 {FRAG 75}

#### **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**

Fragment of EN 60061-1:1993/prA58:2017

Keel: en

Alusdokumendid: IEC 60061-1:1969/A58:201X {FRAG 75}; EN 60061-1:1993/prA58:2017 {FRAG 75}

Muudab dokumenti: EVS-EN 60061-1:2001

Muudab dokumenti: EVS-EN 60061-1:2001+A49:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### EN 60061-2:1993/prA54:2017

#### **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**

Amendment for EN 60061-2:1993

Keel: en

Alusdokumendid: IEC 60061-2:1969/A54:201X; EN 60061-2:1993/prA54:2017

Muudab dokumenti: EVS-EN 60061-2:2001

Muudab dokumenti: EVS-EN 60061-2:2001+A46:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **EN 60061-2:1993/prA54:2017 {FRAG 76}**

#### **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: Holders**

Fragment of EN 60061-2:1993/prA54:2017

Keel: en

Alusdokumendid: IEC 60061-2:1969/A54:201X {FRAG 76}; EN 60061-2:1993/prA54:2017 {FRAG 76}

Muudab dokumenti: EVS-EN 60061-2:2001

Muudab dokumenti: EVS-EN 60061-2:2001+A46:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **EN 60061-3:1993/prA55:2017**

#### **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**

Amendment for EN 60061-3:1993

Keel: en

Alusdokumendid: IEC 60061-3:1969/A55:201X; EN 60061-3:1993/prA55:2017

Muudab dokumenti: EVS-EN 60061-3:2001

Muudab dokumenti: EVS-EN 60061-3:2001+A47:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN 60112:2017**

#### **Method for the determination of the proof and the comparative tracking indices of solid insulating materials**

This International standard specifies the method of test for the determination of the proof and comparative tracking indices of solid insulating materials on pieces taken from parts of equipment and on plaques of material using alternating voltages. The standard provides for the determination of erosion when required.

Keel: en

Alusdokumendid: IEC 60112:201X; prEN 60112:2017

Asendab dokumenti: EVS-EN 60112:2003

Asendab dokumenti: EVS-EN 60112:2003/A1:2010

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN 61857-32:2017**

#### **Electrical insulation systems - Procedures for thermal evaluation - Part 32: Multifactor evaluation with increased factors during diagnostic testing**

This part of the 61857 series is focused on applications where other possible factors need to be incorporated to evaluate any influence on the performance of the EIS. Multi-factor evaluation is the most complex type of project to design and conduct. Clear guidelines are needed to give the user of this standard a uniform approach and a method to analyse the test results. This standard is for applications where the stresses are some combination of other factors of influence identified in IEC 60505. The multi-factor stresses are applied during the diagnostic portion of each test cycle. A few examples of other factors of influence or multi-factor stresses are: - High vibration - Submersion in oils, water, or solutions - Voltage higher than the test voltage of the reference EIS - Decreased cold shock temperature

Keel: en

Alusdokumendid: IEC 61857-32:201X; prEN 61857-32:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## **31 ELEKTROONIKA**

### **prEN 60512-1:2017**

#### **Connectors for electronic equipment - Tests and measurements - Part 1: General**

This part of IEC 60512 is intended to be used as a basis for tests and measurements specifications for electrical connectors. It provides guidance and reference for tests and measurements within the IEC 60512 series. It includes the description and the

practice of the various phases of tests and measurements (preparation, tests and measurements, requirements, documentation), in addition basic terms and definitions applicable to any part of the IEC 60512 series. This standard is used in conjunction with IEC 60512-1-101 to establish uniform detail tests and measurements specifications. Detail tests and measurements specifications are applicable to electrical connectors and their components (e.g. connector inserts, connector housings, locking mechanisms, contacts and terminations) within the scope of technical committee 48. They may also be used for similar devices when specified in a detail product specification. Detail tests and measurements specifications are used in conjunction with detail product specifications which prescribe the tests to be used, the required degree of severity for each of them and the permissible performance limits. The detail product specification also specifies the deviations in procedures, which may be required when applying a test to the type of connector or its component under consideration, and it further specifies any special procedures which may be required. NOTE - RF and fibre optical connectors are not dealt with by the sub-committee, however, hybrid connectors which additionally employ RF and/or fibre optic contacts, are handled by SC 48B in cooperation with TC 46 and/or TC 86.

Keel: en

Alusdokumendid: IEC 60512-1:201X; prEN 60512-1:2017

Asendab dokumenti: EVS-EN 60512-1:2002

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN 60512-99-002:2017**

#### **Connectors for electronic equipment - tests and measurements - Part 99-002: Endurance test schedules - Test 99b, Test schedule for unintended unmating under electrical load**

This part of IEC 60512 is used for testing connectors within the scope of SC 48B that are used in twisted pair communication cabling with remote power, such as ISO/IEC 11801 Class D (or better), balanced cabling in support of IEEE Std 802.3bt™, (PoE Plus – Power over Ethernet Plus). The object of this document is to detail a test schedule to determine the ability of pairs of connectors to withstand 2 X 25 engagements and separations when an electrical current is being passed through the connector in accordance with IEC 60512-9-3.

Keel: en

Alusdokumendid: IEC 60512-99-002:201X; prEN 60512-99-002:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN ISO 14880-1**

#### **Optics and photonics - Microlens arrays - Part 1: Vocabulary (ISO/DIS 14880-1:2017)**

This part of ISO 14880 defines terms for microlens arrays. It applies to microlens arrays which consist of arrays of very small lenses formed inside or on one or more surfaces of a common substrate and systems. The aim of this part of ISO 14880 is to improve the compatibility and interchangeability of lens arrays from different suppliers and to enhance the development of technology using microlens arrays.

Keel: en

Alusdokumendid: ISO/DIS 14880-1; prEN ISO 14880-1

Asendab dokumenti: EVS-EN ISO 14880-1:2016

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## **35 INFOTEHNOLOOGIA**

### **FprEN 9300-200**

#### **Aerospace series - LOTAR -Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 200: Common Concepts for Long term Archiving and Retrieval of Product Structure Information**

The EN 9300-2xx series does not address primary technical data content or operation of the configuration management process itself. The EN 9300-2xx series only delivers methods for long term archiving and retrieval of PDM data. Methods for long term archiving and retrieval of primary technical data (content data) attached to PDM data is not in scope of the EN 9300-2xx series. These are delivered within the scope of other parts of EN 9300 as 1xx series for CAD or by applying existing available standards.

Keel: en

Alusdokumendid: FprEN 9300-200

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN 62680-1-4:2017**

#### **Universal Serial Bus interfaces for data and power - Part 1-4: Common Components - USB Type-C™ Authentication Specification**

This specification defines the architecture and methodology for unilateral Product Authentication. It is intended to be fully compatible with and extend existing PD and USB infrastructure. Information is provided to allow for Policy enforcement, but individual Policy decisions are not specified. The Authentication of USB Type-C products that support Alternate Modes is allowed. However, the methods to do so are outside the scope of this specification.

Keel: en

Alusdokumendid: IEC 62680-1-4:201X; prEN 62680-1-4:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 47 LAEVAEHITUS JA MERE-EHITISED

### FprEN ISO 8099-1

#### **Small craft - Waste systems - Part 1: Waste water retention (ISO/FDIS 8099-1:2017)**

This document specifies requirements for the design, construction and installation of systems for temporary retention of sewage for subsequent disposal. It applies to small craft with a length of hull (LH) of up to 24 m. This document does not address waste water treatment systems.

Keel: en

Alusdokumendid: ISO/FDIS 8099-1; prEN ISO 8099-1

Asendab dokumenti: EVS-EN ISO 8099:2001

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 49 LENNUNDUS JA KOSMOSETEHNIKA

### FprEN 2812

#### **Aerospace series - Stripping of electric cables**

This European standard specifies the conditions for stripping and inspection of stripping tools and the stripped ends of electric cables for aerospace applications. Various stripping processes exist. The choice of a process depends upon the properties of the particular cables to be stripped and/or on the specific requirements for the end product to be achieved. The processes specified today in this document are: a) manual stripping; b) mechanical stripping; c) laser stripping; d) thermal stripping.

Keel: en

Alusdokumendid: FprEN 2812

Asendab dokumenti: EVS-EN 2812:2009

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### FprEN 3155-004

#### **Aerospace series - Electrical contacts used in elements of connection - Part 004: Contacts, electrical, male, type A, crimp, class T - Product standard**

This European Standard specifies the required characteristics tests and tooling applicable to male electrical contacts 004, type A, crimp, class T, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated female contacts are defined in EN 3155-005. The contacts defined by this standard are not applicable for connector EN 2997 classes KV, SV, KF and SF (defined in EN 2997-002).

Keel: en

Alusdokumendid: FprEN 3155-004

Asendab dokumenti: EVS-EN 3155-004:2007

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### FprEN 3155-005

#### **Aerospace series - Electrical contacts used in elements of connection - Part 005: Contacts, electrical, female, type A, crimp, class T - Product standard**

This European Standard specifies the required characteristics and tests applicable to female electrical contacts 005, type A, crimp, class T, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated male contacts are defined in EN 3155-004. The contacts defined by this standard are not applicable for connector EN 2997 classes KV, SV, KF and SF (defined in EN 2997-002).

Keel: en

Alusdokumendid: FprEN 3155-005

Asendab dokumenti: EVS-EN 4593:2011

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### FprEN 9300-200

#### **Aerospace series - LOTAR -Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 200: Common Concepts for Long term Archiving and Retrieval of Product Structure Information**

The EN 9300-2xx series does not address primary technical data content or operation of the configuration management process itself. The EN 9300-2xx series only delivers methods for long term archiving and retrieval of PDM data. Methods for long term archiving and retrieval of primary technical data (content data) attached to PDM data is not in scope of the EN 9300-2xx series. These are delivered within the scope of other parts of EN 9300 as 1xx series for CAD or by applying existing available standards.

Keel: en

Alusdokumendid: FprEN 9300-200

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## prEN 61265:2017

### **Electroacoustics - Instruments for measurement of aircraft noise - Performance requirements for systems to measure sound pressure levels in noise certification of aircraft**

This document specifies requirements for the electroacoustical performance of systems of instruments used to measure sound for the purposes of aircraft noise certification, and for other comparisons among aircraft models, and recommends methods by which tests can be made periodically to verify that the performance continues to conform to the requirements within stated limits. In general, a sound measurement system for this purpose comprises a combination of instruments extending from a microphone, including its windscreen and other accessories, through data recording and processing devices to a suitable output. Different measurement systems, regardless of their composition, perform the necessary functions in different ways and operate on either analogue or digital principles.

Keel: en

Alusdokumendid: IEC 61265:201X; prEN 61265:2017

Asendab dokumenti: EVS-EN 61265:2002

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 53 TÖSTE- JA TEISALDUS-SEADMED

### prEN 15011

#### **Cranes - Bridge and gantry cranes**

This European Standard applies to bridge and gantry cranes able to travel by wheels on rails, runways or roadway surfaces, and to gantry cranes without wheels mounted in a stationary position. This European Standard specifies requirements for all significant hazards, hazardous situations and events relevant to bridge and gantry cranes when used as intended and under conditions foreseen by the manufacturer (see Clause 4). This European Standard does not include requirements for the lifting of persons. The specific hazards due to potentially explosive atmospheres, ionising radiation and operation in electromagnetic fields beyond the range of EN 61000-6-2 are not covered by this European Standard. This European Standard is applicable to bridge and gantry cranes manufactured after the date of its publication as an EN.

Keel: en

Alusdokumendid: prEN 15011

Asendab dokumenti: EVS-EN 15011:2011+A1:2014

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

### prEN 12726

#### **Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules**

This European Standard specifies the dimensions of a cork mouth finish for corks and capsules for glass bottles, for wine that has a carbonation pressure not exceeding 1,2 g CO<sub>2</sub>/l, for use with natural corks.

Keel: en

Alusdokumendid: prEN 12726

Asendab dokumenti: EVS-EN 12726:2000

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 65 PÖLLUMAJANDUS

### EVS-ISO 4387:2006/prA2

#### **Sigaretid. Kuivade tahkete osakeste kogu- ja nikotiinivaba hulga kindlaksmääramine rutiinse analüütilise suitsumasina abil**

#### **Cigarettes - Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine**

Standardi EVS-ISO 4387:2006 muudatus.

Keel: en

Alusdokumendid: ISO 4387:2000/Amd 2:2017

Muudab dokumenti: EVS-ISO 4387:2006

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN 12944-3

#### **Fertilizers and liming materials - Vocabulary - Part 3: Terms relating to liming materials**

This European Standard defines terms relating to liming materials. An index of all terms defined in this part of EN 12944, with their French and German equivalents is given in Annex A. A general index of all terms defined in all three parts of EN 12944, with their French and German equivalents, is given in Annex B.

Keel: en

Alusdokumendid: prEN 12944-3

## 71 KEEMILINE TEHNOLOOGIA

### prEN 1656

#### **Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements (phase 2, step 1)**

This European Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water or - in the case of ready-to-use products - with water. Products can only be tested at a concentration of 80 % or less, as some dilution is always produced by adding the test organisms and interfering substance. This European Standard document applies to products that are used in the veterinary area - e.g. in veterinary care facilities, breeding, husbandry, transport and disposal of all animals except when in the food chain following death and entry to the processing industry. This European Standard applies to products that are used in the veterinary area in the fields of, equipment disinfection by immersion, surface disinfection by wiping, spraying, flooding or other means and teat disinfection. EN14885 specifies in detail the relationship of the various tests to one another and to "use recommendations". NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used. NOTE 2 This method corresponds to a phase 2 step 1 test. NOTE 3 This method cannot be used to evaluate the activity of hand hygiene products. For these products reference shall be made to EN 14885.

Keel: en

Alusdokumendid: prEN 1656

Asendab dokumenti: EVS-EN 1656:2010

Asendab dokumenti: EVS-EN 1656:2010/AC:2010

Arvamusküsitluse lõppkuupäev: 16.12.2017

### prEN ISO 6145-7

#### **Gas analysis - Preparation of calibration gas mixtures using dynamic methods - Part 7: Thermal mass-flow controllers (ISO/DIS 6145-7:2017)**

ISO 6145 is a series of International Standards dealing with various dynamic methods used for the preparation of calibration gas mixtures. This part 7 specifies a method for continuous preparation of calibration gas mixtures, from pure gases or other gas mixtures by use of thermal mass-flow controllers. If this method is employed for preparation of calibration gas mixtures the optimum performance is as follows: the relative expanded measurement uncertainty  $U$ , obtained by multiplying the standard uncertainty by a coverage factor  $k = 2$ , is not greater than 2 %. If pre-mixed gases are used instead of pure gases, mole fractions below  $10^{-6}$  can be obtained. The measurement of mass flow is not absolute and the flow controller requires independent calibration. The merits of the method are that a large quantity of the calibration gas mixture can be prepared on a continuous basis and that multi-component mixtures can be prepared as readily as binary mixtures if the appropriate number of thermal mass-flow controllers is utilised. NOTE Gas blending systems, based upon thermal mass-flow controllers, and some including the facility of computerization and automatic control, are commercially available.

Keel: en

Alusdokumendid: ISO/DIS 6145-7; prEN ISO 6145-7

Asendab dokumenti: EVS-EN ISO 6145-7:2011

Arvamusküsitluse lõppkuupäev: 16.12.2017

## 75 NAFTA JA NAFTATEHNOLOOGIA

### FprEN ISO 16380

#### **Road vehicles - Blended fuels refuelling connector (ISO 16380:2014+Amd 1:2016)**

ISO 16380:2014 applies to compressed blended fuels vehicle nozzles and receptacles hereinafter referred to as devices, constructed entirely of new, unused parts and materials. Compressed blended fuels fuelling connection nozzles consist of the following components, as applicable: a) Receptacle and protective cap (mounted on vehicle); b) Nozzle (mounted on dispenser side). ISO 16380:2014 applies to devices which have a service pressure of 20 MPa, 25 MPa, and 35 MPa hereinafter referred to as: a) size 1: M200, M250, and M350; b) size 2: N200 and N250. ISO 16380:2014 refers to service pressures of 20 MPa, 25 MPa, and 35 MPa for size 1 and 20 MPa and 25 MPa for size 2. ISO 16380:2014 applies to devices with standardised mating components. ISO 16380:2014 applies to connectors which a) prevent blended fuels vehicles from being fuelled by dispenser stations with working pressures higher than the vehicle fuel system working pressure, b) allow blended fuels vehicles to be fuelled by dispenser stations with working pressures equal to or lower than the vehicle fuel system working pressure, c) allow blended fuels vehicles to be fuelled by dispenser stations for compressed natural gas, d) allow blended fuels vehicles to be fuelled by compressed natural gas dispenser stations with working pressures equal to or lower than the vehicle fuel system working pressure, e) prevent blended fuels vehicles size 1 being refuelled on blended fuels dispenser stations equipped with a size 2 nozzle and vice versa, f) prevent natural gas vehicles from being fuelled by blended fuels station, and dispensers, and g) prevent pure hydrogen vehicles from being fuelled by blended fuels station dispensers. ISO 16380:2014 is applicable to mixtures of hydrogen from 2 % to 30 % in volume and compressed natural gas containing: a) natural gas in accordance with ISO 15403- 1 and ISO 15403- 2; b) pure hydrogen in accordance with ISO 14687- 1 or ISO/TS 14687- 2.

Keel: en

Alusdokumendid: ISO 16380:2014; ISO 16380:2014/Amd 1:2016; FprEN ISO 16380

Arvamusküsitluse lõppkuupäev: 16.12.2017

### prEN ISO 6974-3

#### **Natural gas - Determination of composition and associated uncertainty by gas chromatography - Part 3: Precision and bias (ISO/DIS 6974-3:2017)**

This part of ISO 6974 describes the precision that can be expected from the gas chromatographic method that is set up in accordance with part 1 of this standard. The stated precision provides values for the magnitude of variability that can be expected between test results when the method described in part 1 of this standard is applied in one or more competent laboratories. This part of ISO 6974 also gives guidance on the assessment of bias.

Keel: en

Alusdokumendid: prEN ISO 6974-3; ISO/DIS 6974-3:2017

Asendab dokumenti: EVS-EN ISO 6974-3:2002

Arvamusküsitluse lõppkuupäev: 16.12.2017

## 77 METALLURGIA

### prEN ISO 26203-1

#### **Metallic materials - Tensile testing at high strain rates - Part 1: Elastic-bar-type systems (ISO/FDIS 26203-1:2017)**

This document specifies methods for testing metallic sheet materials to determine the stress-strain characteristics at high strain rates. This document covers the use of elastic-bar-type systems. The strain-rate range between  $10^{-3}$  and  $10^3$  s<sup>-1</sup> is considered to be the most relevant to vehicle crash events based on experimental and numerical calculations such as the finite element analysis (FEA) work for crashworthiness. In order to evaluate the crashworthiness of a vehicle with accuracy, reliable stress-strain characterization of metallic materials at strain rates higher than  $10^{-3}$  s<sup>-1</sup> is essential. This test method covers the strain-rate range above  $10^2$  s<sup>-1</sup>. NOTE 1 At strain rates lower than  $10^{-1}$  s<sup>-1</sup>, a quasi-static tensile testing machine that is specified in ISO 7500-1 and ISO 6892-1 can be applied. NOTE 2 This testing method is also applicable to tensile test-piece geometries other than the flat test pieces considered here.

Keel: en

Alusdokumendid: ISO/FDIS 26203-1; prEN ISO 26203-1

Asendab dokumenti: EVS-EN ISO 26203-1:2010

Arvamusküsitluse lõppkuupäev: 16.12.2017

### prEN ISO 7500-1

#### **Metallic materials - Calibration and verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Calibration and verification of the force-measuring system (ISO/FDIS 7500-1:2017)**

This document specifies the calibration and verification of tension/compression testing machines. The verification consists of: - a general inspection of the testing machine, including its accessories for the force application; - a calibration of the force-measuring system of the testing machine; - a confirmation that the performance properties of the testing machine achieve the limits given for a specified class. NOTE This document addresses the static calibration and verification of the force-measuring systems. The calibration values are not necessarily valid for high-speed or dynamic testing applications. Further information regarding dynamic effects is given in the Bibliography.

Keel: en

Alusdokumendid: ISO/FDIS 7500-1; prEN ISO 7500-1

Asendab dokumenti: EVS-EN ISO 7500-1:2015

Arvamusküsitluse lõppkuupäev: 16.12.2017

### prEN ISO 7539-6

#### **Corrosion of metals and alloys - Stress corrosion testing - Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement (ISO/DIS 7539-6:2017)**

1.1 This part of ISO 7539 covers procedures for designing, preparing and using precracked specimens for investigating susceptibility to stress corrosion. It gives recommendations for the design, preparation and use of precracked specimens for investigating susceptibility to stress corrosion. Recommendations concerning notched specimens are given in Annex A. The term "metal" as used in this part of ISO 7539 includes alloys. 1.2 Because of the need to confine plasticity at the crack tip, precracked specimens are not suitable for the evaluation of thin products, such as sheet or wire, and are generally used for thicker products including plate bar and forgings. They can also be used for parts joined by welding. 1.3 Precracked specimens can be loaded with equipment for application of a constant load or can incorporate a device to produce a constant displacement at the loading points. Tests conducted under increasing displacement or increasing load are dealt with in ISO 7539-9. 1.4 A particular advantage of precracked specimens is that they allow data to be acquired from which critical defect sizes, above which stress corrosion cracking can occur, can be estimated for components of known geometry subjected to known stresses. They also enable rates of stress corrosion crack propagation to be determined. The latter data can be taken into account when monitoring parts containing defects during service.

Keel: en

Alusdokumendid: ISO/DIS 7539-6; prEN ISO 7539-6

Asendab dokumenti: EVS-EN ISO 7539-6:2011

## 81 KLAASI- JA KERAAMIKA-TÖÖSTUS

### prEN 16612

#### **Glass in building - Determination of the lateral load resistance of glass panes by calculation**

This European Standard gives a method of determining the design value of the bending strength of glass. It gives: - the general method of calculation, and - guidance for lateral load resistance of linearly supported glazed elements used as infill panels; NOTE Examples of lateral loads are wind loads and snow loads and self weight of sloping glass and climatic loads on insulating glass units. This standard gives recommended values for the following factors for glass as a material: -material partial factors,  $\gamma_{M;A}$  and  $\gamma_{M;v}$ ; -factors for the load duration,  $k_{mod}$ ; -partial factor for actions,  $\gamma_G$ ,  $\gamma_Q$ , and  $\psi$ ; -factor for stressed edges,  $k_e$ . Most glass in buildings is used as infill panels. Infill panels are in a class of consequence lower than those covered in EN 1990, so proposed values for the partial load factors,  $\gamma_Q$  and  $\gamma_G$ , are given for infill panels. The action of climatic loads on insulating glass units is not covered by Eurocodes, so this document also gives proposed values of partial factors,  $\psi_0$ ,  $\psi_1$  and  $\psi_2$ , for this action. This European Standard does not determine suitability for purpose. Resistance to lateral loads is only one part of the design process, which may also need to take into account, for example: -in-plane loading, buckling, lateral torsional buckling, and shear forces - environmental factors (e.g. sound insulation, thermal properties), -safety characteristics which cannot be calculated (e.g. fire performance, breakage characteristics in relation to human safety, security, containment). This European Standard does not apply to channel shaped glass.

Keel: en

Alusdokumendid: prEN 16612

Arvamusküsitluse lõppkuupäev: 16.12.2017

## 91 EHTUSMATERJALID JA EHTUS

### prEN 13074-1

#### **Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 1: Recovery by evaporation**

This European Standard specifies a method for the recovery of binder from a bituminous emulsion or from a cut-back or fluxed bitumen after conditioning at ambient temperature for 24 h followed by 24 h at 50 °C, in such a way that will enable further testing with minimum changes of the binder characteristics. It applies to all types of bituminous emulsions, modified with polymers or non-modified, as well as to all types of cut-back and fluxed bitumen, both modified with polymers and non-modified. For cut-back and fluxed bituminous binders, this test method is only an intermediate step and should be followed by the stabilisation procedure specified by EN 13074-2. Direct testing of the recovered binder is however used to evaluate the setting ability of fluxed bituminous binders made with vegetal fluxes. NOTE The recovered binder is not necessarily identical to the initial binder. WARNING - The use of this document may involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. The hazards associated with the use of this method have been assessed using cut-back bitumen containing 10 % kerosene and 90 % 160/220 penetration grade bitumen and were found low enough to be acceptable. However it is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 13074-1

Asendab dokumenti: EVS-EN 13074-1:2011

Arvamusküsitluse lõppkuupäev: 16.12.2017

### prEN 13074-2

#### **Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 2: Stabilisation after recovery by evaporation**

This European Standard specifies a method for the stabilisation at 85 °C for 24 h of a binder after recovery from a bituminous emulsion or from a cut-back or fluxed bitumen for further testing. It applies to all types of bituminous emulsions, modified with polymers or non-modified, and as well as to all types of cut-back and fluxed bitumen, both modified with polymers and non-modified. The recovery test method is specified in EN 13074-1. WARNING - The use of this document may involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. The hazards associated with the use of this method have been assessed using cut-back bitumen containing 10 % kerosene and 90 % 160/220 penetration grade bitumen and were found low enough to be acceptable. However it is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 13074-2

Asendab dokumenti: EVS-EN 13074-2:2011

Arvamusküsitluse lõppkuupäev: 16.12.2017

### prEN 16002

#### **Flexible sheets for waterproofing - Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing**



This European Standard specifies a test method to determine the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing. The assessment is limited to the performance of the mechanically fastened flexible sheets only. The test method does not include the determination of the performance of the mechanical fastener and/or the combination of the mechanical fastener and the substrate.

Keel: en

Alusdokumendid: prEN 16002

Asendab dokumenti: EVS-EN 16002:2010

**Arvamusküsitluse lõppkuupäev: 16.11.2017**

### **prEN 62947-1:2017**

#### **Electrically operated spray toilet seats for household and similar use - Methods for measuring the performance - Part 1: General test methods of spray seats**

This International Standard specifies test methods to measure the performance of electrically operated spray seats for household and similar use. This standard does not apply to the electrically operated spray seats which are intended for medical and/or assistive product.

Keel: en

Alusdokumendid: IEC 62947-1:201X; prEN 62947-1:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN ISO 10545-4**

#### **Ceramic tiles - Part 4: Determination of modulus of rupture and breaking strength (ISO/DIS 10545-4:2017)**

This part of ISO 10545 specifies a test method for determining the modulus of rupture and breaking strength of all ceramic tiles. NOTE ISO 13006 provides property requirements for tiles and other useful information on these products.

Keel: en

Alusdokumendid: ISO/DIS 10545-4; prEN ISO 10545-4

Asendab dokumenti: EVS-EN ISO 10545-4:2014

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN ISO 11654**

#### **Acoustics - Sound absorbers - Rating of sound absorption coefficients (ISO/DIS 11654:2017)**

1.1 This International Standard specifies a method by which the frequency-dependent values of the sound absorption coefficient can be converted into a single number. 1.2 The single-number rating specified in this International Standard can be used to formulate requirements and to describe acoustical properties of sound-absorbing products. The rating is not appropriate when the products are to be used in qualified environments requiring careful acoustical design by expertise. In such cases, only complete sound absorption data as a function of frequency are satisfactory. This International Standard is not applicable unless the applications cover the whole frequency range of the reference curve. This International Standard is, in principle, applicable to all products for which the sound absorption coefficient has been determined in accordance with ISO 354.

Keel: en

Alusdokumendid: ISO/DIS 11654; prEN ISO 11654

Asendab dokumenti: EVS-EN ISO 11654:1999

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN ISO 16535**

#### **Thermal insulating products for building applications - Determination of long-term water absorption by immersion (ISO/DIS 16535:2017)**

This International Standard specifies the equipment and procedures for determining the long term water absorption of test specimens. It is applicable to thermal insulating products. This International Standard specifies two options: - Method 1 - partial immersion - Method 2 - total immersion The long term water absorption by partial immersion is intended to simulate the water absorption caused by long term water exposure. The long term water absorption by total immersion is not directly related to the conditions on site, but has been recognized as a relevant condition of test for some products in some applications.

Keel: en

Alusdokumendid: ISO/DIS 16535; prEN ISO 16535

Asendab dokumenti: EVS-EN 12087:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN ISO 16536**

#### **Thermal insulating products for building applications - Determination of long term water absorption by diffusion (ISO/DIS 16536:2017)**

This International Standard specifies the equipment and procedures for determining the long term water absorption of test specimens by diffusion. It is applicable to thermal insulating products. It is intended to simulate the water absorption of products subjected to high relative humidities, approximating to 100 %, on both sides and subjected to a water vapour pressure gradient for a long period of time e.g. inverted roof or unprotected ground insulation. The test is not applicable for all types of thermal

insulating products. The product standard should state for which of its products, if any, this test is applicable. NOTE For unprotected ground insulation the temperature of 50 °C may be replaced by a lower temperature, when more data is available.

Keel: en

Alusdokumendid: ISO/DIS 16536; prEN ISO 16536

Asendab dokumenti: EVS-EN 12088:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEN ISO 29767**

#### **Thermal insulating products for building applications - Determination of short term water absorption by partial immersion (ISO/DIS 29767:2017)**

This International Standard specifies the equipment and procedures for determining the short-term water absorption of specimens by partial immersion. It is applicable to thermal insulating products. NOTE It is intended to simulate the water absorption caused by a 24 h raining period during construction work.

Keel: en

Alusdokumendid: ISO/DIS 29767; prEN ISO 29767

Asendab dokumenti: EVS-EN 1609:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEVS 812-7**

#### **Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõude, tuleohutusnõude tagamine projekteerimise ja ehitamise käigus**

#### **Fire safety of constructions - Part 7: The fulfilment of essential requirement - Safety of construction works in case of fire in the course of design and building process**

Käesolev standard annab selgitused ja tüüplahendused standardolukordade lahendamiseks määrusega kehtestatud oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Eriahenduste ohutust on endiselt võimalik tõendada ka muul usaldusväärsel viisil, kui on tagatud oluliste nõuete minimaalne tase.

Keel: et

Asendab dokumenti: EVS 812-7:2008

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEVS 875-8**

#### **Vara hindamine. Osa 8: Kulumeetod**

#### **Property valuation - Part 8: Cost approach**

EVS 875-8: See standard käsitleb kulumeetodi kasutamise eesmärgi ja võimalusi ning maa ja ehitiste hindamist kulumeetodi abil.

Keel: et

Asendab dokumenti: EVS 875-8:2012

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEVS 875-9**

#### **Vara hindamine. Osa 9: Tulumeetod**

#### **Property valuation - Part 9: Income Approach**

EVS 875-9: See standard käsitleb tulumeetodi kasutamise eesmärgi ja võimalusi kinnisvara hindamisel ja investeringute analüüsil.

Keel: et

Asendab dokumenti: EVS 875-9:2012

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### **prEVS 906**

#### **Mitteeluhoonete ventilatsioon. Üldnõuded ventilatsiooni- ja ruumiõhu konditsioneerimissüsteemidele. Eesti rahvuslik lisa standardile prEN 16798-3**

#### **Ventilation for non-residential buildings - Performance requirements for ventilation and room-conditioning systems. Estonian National Annex for prEN 16798-3**

Käesolev Eesti standard käsitleb mitteeluhoonete ruumides nõutavate õhuparameetrite tagamist vajaliku õhuvahetuse organiseerimise teel, arvestades nii sise- kui välisõhu arvutuslike parameetrite, maksimaalselt lubatava mürataseme kui ka tervishoiu- ja ökonoomikaalaste nõuetega. Standardis ei dubleerita standardis prEN 16798-3 esitatut, küll aga aktsepteeritakse standardis antud projekteerimiskriteeriume ja kõiki nõudeid nii ruumidele kui süsteemidele, samuti õhuliikide ja süsteemide spetsifitseerimist ning kõike, mis seondub sisekliimaga.

Keel: et

Asendab dokumenti: EVS 906:2010

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEVS 927

#### **Ehituslik põletatud põlevkivi. Spetsifikatsioon, toimivus ja vastavus Burnt shale for building materials. Specification, performance and conformity**

See standard kehtib põletatud põlevkivi (PP) kohta, mis saadakse põlevkivi termilisel töötlemisel ning saadud peendisperseeritud mineraalosa separeerimise teel. PP koosneb klinkermineraalidest, vabast lubjast, dehüdratiseerunud kaltsiumsulfaadist, klaasifaasist ning lahustumatust vabast jäägist. Käesoleva standardi kohaselt eristatakse PP eriliike: - tsemendi PP; - betooni PP; - poorbetooni PP - tee-ehituse PP. Standard määrab kindlaks põletatud põlevkivi omadused, vajalikud katsemeetodid ning vastavushindamise korra.

Keel: et

Asendab dokumenti: EVS 927:2017

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 93 RAJATISED

### prEN 14504

#### **Inland navigation vessels - Floating landing stages and floating bridges on inland waters - Requirements, tests**

This European Standard specifies safety requirements for floating landing stages and floating bridges for passenger transport and their equipment. Requirements for facilities for supply and waste disposals for vessels using these floating landing stages are not covered by this Standard. This European Standard is not applicable to: - floating landing stages for motor vehicle traffic; - floating landing stages for recreational craft and inland navigation craft that are not vessels, e.g. floating equipment; - more severe requirements for floating landing stages used for the transshipment of dangerous goods; - any landing stages required between vessel and floating landing stage; - specialized floating structures which are not used for passenger traffic or the berthing of vessels.

Keel: en

Alusdokumendid: prEN 14504

Asendab dokumenti: EVS-EN 14504:2016

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEVS 875-8

#### **Vara hindamine. Osa 8: Kulumeetod Property valuation - Part 8: Cost approach**

EVS 875-8: See standard käsitleb kulumeetodi kasutamise eesmärke ja võimalusi ning maa ja ehitiste hindamist kulumeetodi abil.

Keel: et

Asendab dokumenti: EVS 875-8:2012

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEVS 875-9

#### **Vara hindamine. Osa 9: Tulumeetod Property valuation - Part 9: Income Approach**

EVS 875-9: See standard käsitleb tulumeetodi kasutamise eesmärke ja võimalusi kinnisvara hindamisel ja investeringute analüüsil.

Keel: et

Asendab dokumenti: EVS 875-9:2012

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

## 97 OLME. MEELELAHUTUS. SPORT

### prEN 14215

#### **Textile floor coverings - Classification of machine-made rugs and runners**

This European Standard specifies requirements for machine-made (woven, tufted, knitted, needled, flocked, bonded, hand-tufted) rugs and runners, including a classification according to use intensity and luxury. This European Standard is not applicable to hand-knotted rugs, to barrier mats or to bathroom rugs.

Keel: en

Alusdokumendid: prEN 14215

Asendab dokumenti: EVS-EN 14215:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

### prEN 30-1-1

#### **Domestic cooking appliances burning gas - Part 1-1: Safety - General**

This European Standard specifies the construction and or characteristics as well as the requirements and methods of test for the safety and marking of freestanding and built-in domestic cooking appliances burning the combustible gases given in 4.1 according

to the categories specified in 4.2, referred to in the text as "appliances". The appliances covered by this standard are intended to be used by non-expert users in a domestic dwelling. This European Standard covers the following types of domestic cooking appliances, as defined in Clause 3, and belonging to the classes defined in 4.3 (see Table 1): - independent freestanding hobs; - independent built-in hobs; - hobs and grills; - table cookers; - freestanding ovens; - built-in ovens; - freestanding or built-in grills; - griddles; - freestanding cookers; - built-in cookers. Unless specifically excluded hereafter, this European Standard applies to these appliances or their component parts, whether or not the component parts are independent or incorporated into a single appliance, even if the other heating components of the appliance use electrical energy (e.g. combined gas-electric cookers). This European Standard includes requirements covering the electrical safety of equipment incorporated in the appliance that is associated with the use of gas. It does not include requirements covering the electrical safety of electrically-heated component parts or their associated equipment. For appliances intended to be used in caravans, or motorhomes/mobile homes or on board of ships or aircraft, additional requirements may be necessary. This European Standard does not apply to: a) outdoor appliances; b) appliances connected to a combustion products evacuation duct; c) appliances having a pyrolytic gas oven; d) appliances having covered burners which do not comply with the constructional requirements of 5.2.8.2.2; e) appliances incorporating flame supervision devices and having an automatic ignition device for which the duration of the ignition attempt is limited by design; f) appliances equipped with a burner that is periodically ignited and extinguished under the control of an automatic on/off device; g) appliances equipped with an oven and/or with a grill having a fan: 1) either for the supply of combustion air or for the evacuation of the products of combustion; 2) or for the circulation of the products of combustion within the compartments; h) appliances supplied at pressures greater than those defined in 7.1.2; i) appliances incorporating one or more hob or grill burners that enable the user to program the delayed start of the cooking cycle; j) appliances of categories I2N, I2R, I3R, I2E(S), I2E(R), I2Esi, I2Er, I2R and the equivalent double and triple categories which include these indices; k) appliances of category I12E+3B. This European Standard does not cover the requirements relating to third family gas cylinders, their pressure regulators and their connection.

Keel: en

Alusdokumendid: prEN 30-1-1

Asendab dokumenti: EVS-EN 30-1-1:2008+A3:2013

**Arvamusküsitluse lõppkuupäev: 16.12.2017**

# 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 351-1:2007**

### **Puidu ja puittoodete vastupidavus. Kaitsevahenditega töödeldud täispuit. Osa 1: Kaitsevahendi imbussügavuse ja sissejäävuse liigitus**

See standardi EN 351 osa loob liigituse kaitseimmutatud puidule kaitseimmuti läbitavuse järgi ja annab juhise sissejäävuse liigitamiseks. Neid tuleks kasutada alusena erinevate toodete kaitseimmutuste määratlemiseks. See standardi EN 351 osa annab terminoloogia, mida peaks kasutama määratleja kaitseimmutuse määratluse või tootestandardi ettevalmistamisel. See ise ei ole immutuse määratlus. See standardi EN 351 osa on rakendatav kaitseimmutatud täispuidust toodangule, kaasa arvatud liimpuidule, mis on sobiv kasutamiseks nendes kasutustingimustes, mis on määratletud standardi EN 335-1 kasutusklassidega. Ta ei rakendu kasutuses oleva immutatud puidu mingile järgnevale kontrollile. See standardi EN 351 osa on rakendatav puidu kaitseks puitu hävitavate ja puitu moonutavate seente, putukate ja mereorganismide vastu. See standardi EN 351 osa ei arvesta immutatud puidu teisi omadusi, näiteks lõhna, korrodeerivust ja kokkusobivust teiste materjalidega ega arvesta mingeid omadusi tervise, ohutuse ja keskkonna vaatepunktist. See standardi EN 351 osa ei rakendu puidule, mida on immutatud koostistega, mida on rakendatud kasutuses olevale puidule olemasoleva seen- või putukkahjustuse kõrvaldamiseks või ohjeldamiseks või maitsepuidu värvusriket põhjustava seene või värskeltraitud puidus olevate putukate kahjustuste ärahoidmiseks.

Keel: et

Alusdokumendid: EN 351-1:2007

**Kommenteerimise lõppkuupäev: 16.11.2017**

## **EVS-EN 50588-1:2017**

### **Keskmiised jõutrafad sagedusele 50 Hz seadme suurima lubatava kestevpingega mitte üle 36 kV. Osa 1: Üldnõuded**

See Euroopa standard kehtib keskmistele jõutrafodele. 'Keskmine jõutrafo' tähendab jõutrafot seadme suurima lubatava kestevpingega üle 1,1 kV, kuid mitte üle 36 kV ja nimivõimsusega 5 kVA või rohkem, kuid vähem kui 40 MVA. Rahvuslik praktika võib vajada seadme suurima lubatava kestevpinge rakendamist kuni (kuid mitte kaasa arvatud) 52 kilovoldini, kui nimipinge on väiksem kui 36 kV (nagu näiteks Um = 38,5 kV või Um = 40,5 kV). Seda peetakse suure jõutrafo erandjuhtumiks, kus nõuded on samad, mis keskmise jõutrafo jaoks pinge Um = 36 kV. MÄRKUS 1 'Suur jõutrafo' tähendab jõutrafot seadme suurima lubatava kestevpingega üle 36 kV ja nimivõimsusega 5 kVA või enam, või nimivõimsusega 40 MVA või enam sõltumata seadme suurimast lubatavast kestevpingest. Suured jõutrafad on EN 50629 käsitlemisalas. MÄRKUS 2 Astmelülitiga trafod (DETC või OLTC) on lisatud sellesse Euroopa standardisse isegi siis, kui neil väljavõtetega mähis on eraldi. Käesoleva Euroopa standardi eesmärgiks on keskmiste jõutrafode elektriliste omaduste ja konstruktsiooniga seotud nõuete püstitamine. Käesolevast Euroopa standardist on jäetud välja järgmised trafod: a) mõõtetrafod, mis on spetsiaalselt kavandatud mõõtevahendite, mõõteriistade, releede ja muu sarnase aparatuuri jaoks; b) trafod, mille alampingemähised on spetsiaalselt kavandatud kasutamiseks koos alalditega alalisvoolutoite andmiseks; c) trafod, mis on spetsiaalselt kavandatud vahetuks ühendamiseks elektriahjuga; d) trafod, mis on spetsiaalselt kavandatud avamererakendusteks ja avamere ujuvrakendusteks; e) trafod, mis on spetsiaalselt kavandatud avariipaigaldiste jaoks; f) trafod ja autotrafod, mis on spetsiaalselt kavandatud raudtee toitesüsteemide jaoks; g) maandustrafod, see on kolmefaasilised trafod, mis on ette nähtud neutraalpunkti loomiseks süsteemi maandamise eesmärgil; h) veeremitele paigaldatavad veotrafod, see on otse või läbi muunduri vahelduv- või alalisvoolu kontaktliinidega ühendatavad trafod, mida kasutatakse raudteerakenduste kohtkindlates paigaldistes; i) käivitustrafod, mis on spetsiaalselt kavandatud kolmefaasiliste asünkroonmootorite käivitamiseks nii, et välistada toitepingelohkusi; j) katsetrafod, mis on spetsiaalselt kavandatud kasutamiseks ahelas spetsiifilise pinge või voolu tootmiseks elektriseadmete katsetamise eesmärgil; k) keevitustrafod, mis on spetsiaalselt kavandatud kasutamiseks kaar- või takistuskeevitusseadmetes; l) trafod, mis on spetsiaalselt kavandatud plahvatuskindlate ja maa-aluse kaevandamise rakenduste jaoks; m) trafod, mis on spetsiaalselt kavandatud süvavee (veeluste) rakenduste jaoks; n) kuni 5 MVA keskpingelt keskpingele transformeerivad vahetrafod; o) suured jõutrafad, mille puhul on näidatud, et konkreetse rakenduse jaoks tehniliselt võimalike alternatiivide jaoks ei ole võimalik täita Euroopa Komisjoni määruse (EU) No 548/2014 poolt püstitatud vähima kasuteguri nõudeid; p) suured jõutrafad, mis on identseks asenduseks samas füüsilises asukohas/paigaldises olemasolevatele suurtele jõutrafodele, kus seda asendust ei ole võimalik teha ilma, et sellega ei kaasneks nende transpordiga ja/või paigaldamisega seotud ebaproportsionaalselt suured kulud. Viimase kahe välistuse juhul nõutakse tõendamist lepingu allkirjastamisel kliendi poolt tehtud deklaratsiooniga. MÄRKUS 3 Käesolev standard käsitleb trafosid vastavalt Euroopa Komisjoni määrusele (EU) No. 548/2014 ja annab täiendavat spetsiifilist nõu ühefaasiliste trafode jaoks, mitmemähiseliste trafode jaoks ja OF või OD jahutussüsteemidega trafode jaoks, mis on vajalik nendele trafotüüpidele energiatõhususe nõuete õigeks kohaldamiseks.

Keel: et

Alusdokumendid: EN 50588-1:2017

**Kommenteerimise lõppkuupäev: 16.11.2017**

## **EVS-EN 60601-2-44:2009+A11+A1+A2**

### **Elektrilised meditsiiniseadmed. Osa 2-44: Erinõuded kompuutertomograafias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele**

Käesolev rahvusvaheline standard on kohaldatav KT-SKANNERI, allpool nimetatud ka kui EM-SEADE, ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE. Juhul kui mingi peatükk või jaotis on spetsiaalselt ette nähtud kohaldamiseks üksnes EM-SEADMETELE või üksnes EM-SÜSTEEMIDELE, on seda vastavas peatükis või jaotises öeldud. Kui nii pole öeldud, on see peatükk või jaotis asjakohaselt kohaldatav nii EM-SEADMETELE kui ka EM-SÜSTEEMIDELE. MÄRKUS 1 Vt ka põhistandardi jaotis 4.2. Selle dokumendi käsitusallasse kuuluvad üksnes KT-SKANNERID, mis on ette nähtud nii pea kui ka keha uuringuteks, ja mille iseloomuliku KESTA moodustab röntgenkiirguse allika(te) ja pildireseptori(te) ühine toroidikujuline kaitsekate. See hõlmab KT-SKANNERITES kasutatavate RÖNTGENGENERAAATORITE, sealhulgas selliste, mille KÕRGEPIINGEGENERAATOR on integreeritud RÖNTGENTORUPLOKIGA, ohutusnõudeid. MÄRKUS 2 RÖNTGENGENERAAATORITELE ja KAASSEADMETELE esitatavad nõuded, mis varem olid sätestatud standardites IEC 60601-2-7 ja IEC 60601-2-32, sisalduvad kas standardis IEC 60601-1:2005 (väljaanne 3) või IEC 60601-2-44 käesolevas väljaandes. Seetõttu ei kuulu KOMPUUTERTOMOGRAAFIA jaoks standardid IEC 60601-2-7 ja IEC 60601-2-32 standardi IEC 60601-1 kolmanda väljaande raamistikku. Selle rahvusvahelise standardi käsitusalast jäävad välja KIIRITUSRAVI SIMULAATORID ja süsteemid, milles kujutis tekitatakse muu allika kui RÖNTGENTORU poolt.

Keel: et

Alusdokumendid: EN 60601-2-44:2009; IEC 60601-2-44:2009; EN 60601-2-44:2009/A11:2011; EN 60601-2-44:2009/A1:2012; IEC 60601-2-44:2009/A1:2012; EN 60601-2-44:2009/A2:2016; IEC 60601-2-44:2009/A2:2016

**Kommenteerimise lõppkuupäev: 16.11.2017**

## **EVS-EN ISO 15614-1:2017**

### **Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Keevitusprotseduuri katse. Osa 1: Teraste kaar- ja gaaskeevitus ning nikli ja niklisulamite kaarkeevitus**

See standard määratleb, kuidas kvalifitseeritakse keevitusprotseduuri eelspetsifikaati keevitusprotseduuride katsetega. Käesolevat standardit kasutatakse tootmiskeevituseks, remontkeevituseks ja täitekeevituseks (ingl build-up welding). See standard määrab tingimused keevitusprotseduuri katsete teostamiseks ja kvalifitseerimispiirid kõikidele praktilistele keevitusoperatsioonidele selle standardi kvalifitseerimise piires. Keevitusprotseduuride kvalifitseerimise esmane eesmärk on demonstreerida, et konstruktsioonile kavatsatud liitmisprotsess on suutlik liidete valmistamiseks, mis omavad nõutavaid mehaanilisi omadusi kavatsatud kasutamiseks. Et võimaldada laialdast rakendust keevitustootmises, on ära toodud kaks keevitusprotseduuri katsetamise taset Nad on tähistatud tasemetega 1 ja 2. Tasemel 2 on katsete ulatus suurem ja kvalifitseerimise vahemikud rohkem piiratud kui tasemel 1. Protseduuri katsed, teostatud tasemel 2, kvalifitseerivad automaatselt taseme 1 nõudeid, kuid mitte vastupidi. Kui lepingus või rakendusstandardis ei ole tase spetsifitseeritud, rakendatakse taseme 2 kõiki nõudeid. Seda standardit kasutatakse kõikide terastoodete kujude korral kaar- ja gaaskeevitusel ja kõikide niklist ja nikli sulamitest toodete kujude korral kaarkeevitusel. Kaar- ja gaaskeevitus on hõlmatud järgmiste keevitusprotsessidega ISO 4063 kohaselt. 111 — käsikaarkeevitus, käsikaarkeevitus kattega metall elektroodiga (ingl manual metal arc welding, metal-arc welding with covered electrode); 114 — täidistraadiga kaarkeevitus ilma kaitsegaasita (ingl self-shielded tubular-cored arc welding); 12 — räubustikaarkeevitus (ingl submerged arc welding); 13 — kaitsegaas-metallikaarkeevitus, metallikaarkeevitus kaitsegaasis (ingl gas-shielded metal arc welding); 14 — kaitsegaaskaarkeevitus sulamatu elektroodiga (ingl gas-shielded arc welding with non-consumable electrode); 15 — plasmakaarkeevitus (ingl plasma arc welding); 311 — hapnik-atsetüleenkeevitus (ingl oxy-acetylene welding). Selle standardi põhimõtteid võib rakendada teistele sulakeevituse protsessidele. MÄRKUS Endine protsessi tunnusnumber ei nõua uut kvalifitseerimise katset vastavalt sellele standardile. Eelmise selle standardi väljaannete järgi tehtud keevitusprotseduuride spetsifitseerimist ja kvalifitseerimist võib kasutada igaks rakenduseks, millele käesolev väljaanne on spetsifitseeritud. Sellel juhtumil jäävad kasutusele eelmise väljaande kvalifitseerimispiirid. Samuti on võimalik luua selle väljaande kvalifitseerimisvahemikule vastav uus WPQR-i (keevitusprotseduuri kvalifitseerimise aruanne, ingl welding procedure qualification record) kvalifitseerimispiirid, võttes aluseks eksisteeriva kvalifitseeritud WPQR-i eeldusel, et on täidetud käesoleva standardi katsetamisnõuete tehnilised kavatsused.

Keel: et

Alusdokumendid: ISO 15614-1:2017; EN ISO 15614-1:2017

**Kommenteerimise lõppkuupäev: 16.11.2017**

## **prEVS-IEC 60050-321**

### **Rahvusvaheline elektrotehnika sõnastik. Osa 321: Mõõtetrafod**

IEC 60050 selles osas määratletakse mõõtetrafode kohta käivad terminid.

Keel: et

Alusdokumendid: IEC 60050-321:1986

**Kommenteerimise lõppkuupäev: 16.11.2017**

## **prEVS-IEC 60050-436**

### **Rahvusvaheline elektrotehnika sõnastik. Osa 436: Jõukondensaatorid**

IEC 60050 selles osas määratletakse jõukondensaatorite kohta käivad terminid.

Keel: et

Alusdokumendid: IEC 60050-436:1990

**Kommenteerimise lõppkuupäev: 16.11.2017**

# 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 50421:2006**

### **Product standard to demonstrate the compliance of stand alone broadcast transmitters with the reference levels or the basic restrictions related to public human exposure to radio frequency electromagnetic fields (30 MHz - 40 GHz)**

This product standard applies to fixed stand alone broadcast transmitter operating in the frequency range 30 MHz to 40 GHz when put on the market. The term broadcast transmitter covers fixed stand alone broadcast transmitters intended for use with external antennas of the same or an other manufacturer.

Keel: en

Alusdokumendid: EN 50421:2006

Tühistamisküsitluse lõppkuupäev: 16.11.2017

## **EVS-EN 50476:2008**

### **Product standard to demonstrate the compliance of broadcast station transmitters with the reference levels and the basic restrictions related to public exposure to radio frequency electromagnetic fields (3 MHz - 30 MHz)**

This standard applies to short wave broadcast transmitters operating in the frequency range 3 MHz to 30 MHz. The object of this standard is to demonstrate the compliance of such equipment with the basic restrictions (directly or indirectly via compliance with reference levels) related to public human exposure to radio frequency electromagnetic fields.

Keel: en

Alusdokumendid: EN 50476:2008

Tühistamisküsitluse lõppkuupäev: 16.11.2017

## **EVS-EN 527-3:2003**

### **Büroomööbel. Töölaud ja puldid. Osa 3: Katsemeetodid püstivuse ja konstruktsiooni mehaanilise tugevuse määramiseks Office furniture - Work tables and desks - Part 3: Methods of test for the determination of the stability and the mechanical strength of the structure**

This part of EN 527 specifies methods of test for the determination of the stability and the mechanical strength of the structure of office work tables and desks

Keel: en

Alusdokumendid: EN 527-3:2003

Tühistamisküsitluse lõppkuupäev: 16.11.2017

## **EVS-EN 60194:2006**

### **Printed board design, manufacture and assembly - Terms and definitions**

This International Standard defines the terminology used in the field of printed circuit boards and printed circuit board assembly products.

Keel: en

Alusdokumendid: IEC 60194:2006; EN 60194:2006

Tühistamisküsitluse lõppkuupäev: 16.11.2017

## **EVS-EN ISO 11489:2004**

### **Plaatinasalduse määramine juveeltoodete plaatinasulamites. Kaalanalüüsimeetod pärast elavhõbe(I)kloriidiga taandamist Determination of platinum in platinum jewellery alloys - Gravimetric method after reduction with mercury(I) chloride**

Standard määrab kindlaks kaalanalüüsimeetodi plaatinasalduse määramiseks juveeltoodete plaatinasulamites eelistatavalt standardis ISO 9202 esitatud plaatinaproovi piirides.

Keel: en, et

Alusdokumendid: ISO 11489:1995; EN ISO 11489:1995

Tühistamisküsitluse lõppkuupäev: 16.11.2017

## 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.

Näiteks standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ. Parandatud standardi tähis reeglina ei muutu.

### **EVS-EN 13445-5:2016/AC:2017**

**Leekkuumutusega surveanumad. Osa 5: Kontroll ja katsetamine**  
**Unfired pressure vessels - Part 5: Inspection and testing**

### **EVS-EN ISO 11290-2:2017/AC:2017**

**Toiduahela mikrobioloogia. Horisontaalmeetod Listeria monocytogenes'e ja Listeria spp. tuvastamiseks ja loendamiseks. Osa 2: Loendamismeetod**  
**Microbiology of the food chain - Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp. - Part 2: Enumeration method**



# UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

## **EVS JUHEND 4:2017**

### **Eesti standardi ja standardilaadse dokumendi ülesehitus, sõnastus ja vormistus Structure, formulation and presentation of an Estonian Standard and publication**

See juhend kirjeldab Eesti standardite, standardilaadsete dokumentide ja nende kavandite ülesehituse, sõnastuse ning vormistamise nõudeid. Esitatud on ka nõuded dokumentide muudatuste ja paranduste kohta.

## **EVS-EN 16942:2016**

### **Mootorikütused. Mootorsõidukile sobivuse tähistamine. Tankijateabe graafiline väljendus Fuels - Identification of vehicle compatibility - Graphical expression for consumer information**

Selles Euroopa standardis kehtestatakse ühtlustatud tähistus turustatavatele vedel- ja gaaskütustele. Nõuded standardis vastavad turul saadava mootorikütuse ja mootorsõidukile sobivuse teavitamisel tankijatele teavitamise nõuetega. Dokumendis kirjeldatud tähistus on mõeldud visualiseerima tankuritel ja tanklates, mootorsõidukitel, mootorsõidukite vahendusfirmades ning kasutusjuhendites. Turustatavate mootorikütuste hulka kuuluvad näiteks mineraalõlidest kütused, sünteetilised kütused, biokütused, maagaas, veeldatud gaas, vesinik ja biogaas ning eelmainitud segud liikumise rakendustes.

## **EVS-EN 60990:2016**

### **Puutevoolu ja kaitsejuhivoolu mõõtemetodid Methods of measurement of touch current and protective conductor current**

See rahvusvaheline standard määratleb mõõtemetodid — alalisvoolule ja siinuselisele või mittesiinuselisele vahelduvvoolule, mis võib kulgeda läbi inimkeha, — voolule, mis kulgeb läbi kaitsejuhi. Mõõtemetodid, mida soovitatakse kasutada puutevoolu mõõtmiseks, põhinevad läbi inimkeha kulgeva voolu võimalikel toimetel. Selles standardis nimetatakse puutevoolu mõõtmiseks voolu mõõtmist läbi inimkeha näivtakistust esindavate ahelate. Need ahelad ei pruugi tingimata kehtida loomakehade puhul. Eri piirväärtuste täpsem sätestamine ega mõistaandmine ei kuulu selle standardi käsitusallasse. Inimkeha läbiva voolu toime kohta annab teavet dokumendisari IEC TS 60479, mille alusel saab tuletada ka lubatavaid piirväärtusi. See standard on rakendatav kõigi IEC 61140 järgi määratletud seadmeklasside kohta. Selles standardis käsitletavat mõõtemetodit ei ole ette nähtud kasutamiseks — puutevooludel kestusega alla 1 s, — patsiendivoolude puhul, mis on määratletud standardis IEC 60601-1; — vahelduvvoolul sagedusega alla 15 Hz ja — vooludel, mis on üle elektrilise põletuse jaoks valitud piirväärtuste. See ohutuse põhistandard on mõeldud eeskätt kasutamiseks standardite koostamisel tehnilistes komiteedes selliste põhimõtete kohaselt, mis on kehtestatud IEC juhendis 104 ja ISO/IEC juhendis 51. See ei ole mõeldud kasutamiseks tootjatele ega tootestandarditest sõltumatutele sertifitseerimisasutustele. Üks tehniliste komiteede kohustustest oma väljaannete koostamisel on kasutada kõigil võimalikel juhtudel ohutuse põhistandardeid. Selle ohutusala põhistandardi nõudeid, katsetamismeetodeid ega -tingimusi rakendatakse üksnes juhtumel, mil neile on spetsiaalselt viidatud või kui need on võetud vastavatesse publikatsioonidesse.

## **EVS-EN 71-7:2014+A1:2017**

### **Mänguasjade ohutus. Osa 7: Sõrmevärvid. Nõuded ja katsemeetodid Safety of toys - Part 7: Finger paints - Requirements and test methods**

Standardi EN 71 selles osas määratakse nõuded ainetele ja materjalidele, mida kasutatakse sõrmevärvides ja rakendatakse ainult sõrmevärvide kohta. Lisanõuded on esitatud märgistusele, etikettimisele ja taarale.

## **EVS-EN ISO 8467:1999**

### **Vee kvaliteet. Permanganaatarvu määramine Water quality - Determination of permanganate index**

See rahvusvaheline standard kirjeldab vees permanganaatarvu määramise meetodit. Peamiselt on see mõeldud inimeste poolt tarvitatava vee ja koduseks tarbimiseks kasutatava vee, joogivee, naturaalse mineraalvee, kaevu- ja kraanivee ning basseinivee analüüsimiseks. Seda kasutatakse, et määrata „oksüdeeritavat“ parameetrit. See on kasutatav veeproovides, milles on kloriidioonide sisaldus vähem kui 300 mg/l. Proove, mille permanganaatarv on üle 10 mg/l, tuleb enne analüüsi lahjendada. Analüüsi optimaalse vahemiku alumine piir on 0,5 mg/l.

## **EVS-ISO 6058:2017**

### **Vee kvaliteet. Kaltsiumisisalduse määramine EDTA-ga tiitrimisel Water quality - Determination of calcium content - EDTA titrimetric method (ISO 6058:1984)**

See rahvusvaheline standard kirjeldab kaltsiumisisalduse määramiseks põhjavees, pinnavees ja joogivees kasutatavat tiitrimetriilist meetodit etüleendiamiintetraatsetaadiga (EDTA). Seda saab kasutada ka munitsipaal- ja tööstusliku töötlemata vee uurimiseks, eeldusel et need ei sisalda segavat hulka raskemetalle. Meetod ei ole sobiv merevee ja muu kõrge soolsusega vee uurimiseks. Meetod sobib veele, mille kaltsiumisisaldus on 2 mg kuni 100 mg/l (0,05 mmol/l kuni 2,5 mmol/l). Vee puhul, mis sisaldab kaltsiumi rohkem kui 100 mg/l, tuleb proovi eelnevalt lahendada.

### **EVS-ISO 6059:2017**

#### **Vee kvaliteet. Kaltsiumi ja magneesiumi summaarse sisalduse määramine EDTA-ga tiitrimisel Water quality - Determination of the sum of calcium and magnesium - EDTA titrimetric method (ISO 6059:1984)**

See rahvusvaheline standard kirjeldab kaltsiumi ja magneesiumi summaarse sisalduse määramiseks põhjavees, pinnavees ja joogivees kasutatavat tiitrimetrist meetodit etüleendiamiintetraatsetaadiga (EDTA). Meetod ei ole sobiv heitvee ja kõrge soolasisaldusega veeproovide, nt merevee, analüüsimiseks. Madalaim määratav sisaldus on 0,05 mmol/l.

### **EVS-ISO 7890-3:2017**

#### **Vee kvaliteet. Nitraadi määramine. Osa 3: Spektromeetriline meetod sulfosalitsüülhappega Water quality - Determination of nitrate - Part 3: Spectrometric method using sulfosalicylic acid (ISO 7890-3:1988)**

1.1 Määratav ühend See osa standardisarjast ISO 7890 kirjeldab nitraatioonide määramist vees. 1.2 Proovi tüüp See meetod on sobiv töötlemata vee ja joogivee analüüsimiseks. 1.3 Vahemik Kuni nitraatse lämmastiku sisalduseni  $\rho_N = 0,2$  mg/l, kasutades maksimaalset proovi ruumala 25 ml. Kasutusvahemikku on võimalik laiendada kõrgematele kontsentratsioonidele, võttes väiksemaid proove. 1.4 Avastamiskiir Kasutades 40 mm optilise teepikkusega küvetti ja 25 ml proovi ruumala on avastamiskiir  $\rho_N$  vahemikus  $\rho_N = 0,003$  mg/l kuni 0,013 mg/l. 1.5 Tundlikkus Nitraatse lämmastiku sisaldus  $\rho_N = 0,2$  mg/l annab neelduvuse ligikaudu 0,68 ühikut, kasutades 25 ml proovi ruumala ja 40 mm optilise teepikkusega küvetti. 1.6 Segajad Võimalike segajatena testiti suurt hulka veeproovides tihti esinevaid ühendeid. Detailne info on toodud lisas A. Peamised võimalikud segajad on kloriid, ortofosfaat, magneesium ja mangaan(II), nagu toodud lisas A. Teised uuringud on näidanud, et meetod sobib kasutamiseks kuni proovi värvuseni 150 mg/l Pt, kui kasutatakse proovi neeldumise korrigeerimist (vt 6.5).

## 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 ISO 8467:1999	Vee kvaliteet. Permanganaadiarvu määramine	Vee kvaliteet. Permanganaatarvu määramine

### UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 16942:2016	Fuels - Identification of vehicle compatibility - Graphical expression for consumer information	Mootorikütused. Mootorsõidukile sobivuse tähistamine. Tankijateabe graafiline väljendus
EVS-EN 60990:2016	Methods of measurement of touch current and protective conductor current	Puutevoolu ja kaitsejuhivoolu mõõtemetodid

# 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 EL-i direktiivide kontekstis Euroopa Komisjoni standardimisettepaneku 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 2014/35/EL Madalpinge (EL Teataja 2017/C 298/02)

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 60335-2-9:2003 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taoliste seadmetele	08.09.2017	EN 60335-2-9:1995+ A11:2000+ A12:2002+ A13:2002+ A1:1998+ A2:2000 Märkus 2.1	
Märkus: Standardi EN 60335-2-9:2003 (viimati muudetud standardiga A13:2010) järgimise osade kohaldamine ei anna vastavuseeldust direktiivi 2014/35/EL I lisa punkti 1 alapunktis c (koostoimes punkti 2 alapunktiga b) sätestatud ohutuseesmärkidele: punkti 11 tabeli Z101 joonealune märkus b, punkti 7.1 osad, milles osutatakse tabeli Z101 joonealusele märkusele b, punkti 11.Z10x osad, milles osutatakse ventilatsioonivadele.			
EVS-EN 60335-2-9:2003/A1:2004	08.09.2017		Märkus 3
EVS-EN 60335-2-9:2003/A12:2007	08.09.2017		Märkus 3
EVS-EN 60335-2-9:2003/A13:2010	08.09.2017		Märkus 3
EVS-EN 60335-2-9:2003/A13:2010/AC:2012	08.09.2017		
EVS-EN 60335-2-9:2003/A13:2010/AC2:2011	08.09.2017		
EVS-EN 60335-2-9:2003/A2:2006	08.09.2017		Märkus 3

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

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

Märkus 3: Muudatuste puhul on viitestandard EN CCCC:YYYY, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard koosneb seega standardist EN CCCC:YYYY ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval ei anna asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

**Direktiiv 2014/53/EL**  
**Radioseadmed**  
(EL Teataja 2017/C 334/02)

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	Direktiivi 2014/53/EL artikkel
EVS-EN 301 908-13 V11.1.2:2017 IMT mobiilsidevõrgud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 13: (E-UTRA) kasutajaseadmed (UE)	13.10.2017	EN 301 908-13 V11.1.1	28.02.2019	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 89/686/EMÜ**  
**Isikukaitsevahendid**  
(EL Teataja 2017/C 334/01)

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 16689:2017 Kaitserõivad tuletoojadele. Toimivusnõuded kaitserõivastele tehnilistel päästetöödel	13.10.2017		
EVS-EN 16716:2017 Mägironimisvarustus. Laviini õhkpatjade süsteemid. Ohutusnõuded ja katsemeetodid	13.10.2017		
EVS-EN 207:2017 Isiklikud silmakaitsevahendid. Filtrid ja silmakaitseid kaitseks laserkiirguse eest (laseri silmakaitseid)	13.10.2017	EN 207:2009 Märkus 2.1	30.09.2017
EVS-EN 566:2017 Mägironimisvarustus. Aasad. Ohutusnõuded ja katsemeetodid	13.10.2017	EN 566:1997 Märkus 2.1	30.09.2017
EVS-EN 958:2017 Mägironimisvarustus. Julgestusamortisaator klettersteig-ronimise jaoks. Ohutusnõuded ja katsemeetodid	13.10.2017	EN 958:2006+A1:2010 Märkus 2.1	30.09.2017

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

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