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# 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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# UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### CEN ISO/TS 80004-2:2017

#### **Nanotehnoloogiad. Sõnastik. Osa 2: Nanoobjektid Nanotechnologies - Vocabulary - Part 2: Nano-objects (ISO/TS 80004-2:2015)**

Antud tehniline spetsifikatsioon loetleb oskussõnad ning definitsioonid nanotehnoloogiate vallas.

Keel: en, et

Alusdokumendid: ISO/TS 80004-2:2015; CEN ISO/TS 80004-2:2017

Asendab dokumenti: CEN ISO/TS 27687:2009

### EVS-EN ISO 1107:2017

#### **Fishing nets - Netting - Basic terms and definitions (ISO 1107:2017)**

ISO 1107:2017 gives the principal terms relating to netting for fishing nets, together with their definitions or, in some cases, the method of expressing dimensions.

Keel: en

Alusdokumendid: ISO 1107:2017; EN ISO 1107:2017

Asendab dokumenti: EVS-EN ISO 1107:2003

### EVS-IEC 60050-903:2017

#### **Rahvusvaheline elektrotehnika sõnastik. Osa 903: Riskihindamine International Electrotechnical Vocabulary - Part 903: Risk assessment (IEC 60050-903:2013 + IEC 60050-903/Amd 1:2014 + IEC 60050-903/Amd 2:2015)**

Standardi IEC 60050 see osa annab peamised riskihindamisalased terminid. Sellel on IEC juhendi 108 „Guidelines for ensuring the coherency of IEC publications – Application of horizontal standards“ kohaselt horisontaalse standardi staatus. See terminoloogia ühildub rahvusvahelise elektrotehnika sõnastiku teiste osade terminitega. See horisontaalne standard on loodud eelkõige kasutamiseks tehnilistele komiteedele, et valmistada ette standardeid kooskõlas IEC juhendis 108 seatud põhimõtetega. Väljaannete ettevalmistamisel vastutab tehniline komitee muu hulgas horisontaalsete standardite kasutamise eest alati, kui see on asjakohane. Selle horisontaalse standardi sisu ei kohaldu ilma erilise viiteta või ilma kaasamiseta asjakohases väljaandes.

Keel: et-en

Alusdokumendid: IEC 60050-903:2013; IEC 60050-903/Amd 1:2014; IEC 60050-903/Amd 2:2015

### EVS-ISO 7001:2011/A4:2017

#### **Graafilised tingmärgid. Avalikkust teavitavad piltkirjad Graphical symbols - Public information symbols (ISO 7001:2007/Amd 4:2017)**

Standardi EVS-ISO 7001:2011 muudatus.

Keel: en

Alusdokumendid: ISO 7001:2007/Amd 4:2017

Muudab dokumenti: EVS-ISO 7001:2011

## 07 LOODUS- JA RAKENDUSTEADUSED

### CEN ISO/TS 80004-2:2017

#### **Nanotehnoloogiad. Sõnastik. Osa 2: Nanoobjektid Nanotechnologies - Vocabulary - Part 2: Nano-objects (ISO/TS 80004-2:2015)**

Antud tehniline spetsifikatsioon loetleb oskussõnad ning definitsioonid nanotehnoloogiate vallas.

Keel: en, et

Alusdokumendid: ISO/TS 80004-2:2015; CEN ISO/TS 80004-2:2017

Asendab dokumenti: CEN ISO/TS 27687:2009

## 11 TERVISEHOOLDUS

### EVS-EN ISO 10555-6:2017

#### **Intravaskulaarsed kateetrid. Steriilsed ühekordselt kasutatavad intravaskulaarsed kateetrid. Osa 6: Nahaalune implanteeritud veeniport Intravascular catheters - Sterile and single-use catheters - Part 6: Subcutaneous implanted ports (ISO 10555-6:2015)**

ISO 10555-6:2015 specifies requirements, performance, and user safety issues related to subcutaneous implanted ports and catheters for intravascular long-term use supplied in sterile condition and intended for single use. ISO 10555-6:2015 does not specify requirements, performance, and user safety issues related to non-coring needles.

Keel: en  
Alusdokumendid: ISO 10555-6:2015; EN ISO 10555-6:2017

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### **EVS-EN 13911:2017**

#### **Kaitserõivad tuletõrjajatele. Nõuded ja katsemeetodid tuletõrjajate tulekindlatele kapuutsidele Protective clothing for firefighters - Requirements and test methods for fire hoods for firefighters**

This standard specifies minimum safety requirements and test methods for a firehood to be worn during firefighting operations to protect against heat and fire. This standard only applies in situations when protective clothing (EN 469), breathing apparatus (EN 136 and EN 137), and helmet (EN 443) are also worn.

Keel: en  
Alusdokumendid: EN 13911:2017  
Asendab dokumenti: EVS-EN 13911:2004

### **EVS-EN 50398-1:2017**

#### **Alarm systems - Combined and integrated alarm systems - Part 1: General requirements**

This European Standard specifies the requirements for integrating alarm applications with other systems, which may or may not be alarm applications. This document defines requirements and procedures for essential testing of the specific aspects of the functionality and integrity, related to the integration of the equipment or systems, in order to complement the individual alarm application standards.

Keel: en  
Alusdokumendid: EN 50398-1:2017  
Asendab osaliselt dokumenti: CLC/TS 50398:2009

### **EVS-EN ISO 13506-1:2017**

#### **Protective clothing against heat and flame - Part 1: Test method for complete garments - Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2017)**

ISO 13506-1:2017 specifies the overall requirements, equipment and calculation methods to provide results that can be used for evaluating the performance of complete garments or protective clothing ensembles exposed to short duration flame engulfment. This test method establishes a rating system to characterize the thermal protection provided by single-layer and multi-layer garments made of flame resistant materials. Any material construction such as coated, quilted or sandwich can be used. The rating is based on the measurement of heat transfer to a full-size manikin exposed to convective and radiant energy in a laboratory simulation of a fire with controlled heat flux, duration and flame distribution. The heat transfer data are summed over a prescribed time to give the total transferred energy. For the purposes of this test method, the incident heat flux is limited to a nominal level of 84 kW/m<sup>2</sup> and limited to exposure durations of 3 s to 12 s dependant on the risk assessment and expectations from the thermal insulating capability of the garment. The results obtained apply only to the particular garments or ensembles, as tested, and for the specified conditions of each test, particularly with respect to the heat flux, duration and flame distribution. This test method requires a visual evaluation, observation and inspection on the overall behaviour of the test specimen during and after the exposure as the garment or complete ensemble on the manikin is recorded before, during and after the flame exposure. Visuals of the garment or complete ensemble on the manikin are recorded (i.e. video and still images) before, during and after the flame exposure. This also applies to the evaluation of protection for the hands or the feet when they do not contain sensors. For the interfaces of ensembles tested, the test method is limited to visual inspection. The effects of body position and movement are not addressed in this test method. The heat flux measurements can also be used to calculate the predicted skin burn injury resulting from the exposure (see ISO 13506-2). This test method does not simulate high radiant exposures such as those found in arc flash exposures, some types of fire exposures where liquid or solid fuels are involved, nor exposure to nuclear explosions. NOTE 1 This test method provides information on material behaviour and a measurement of garment performance on a stationary upright manikin. The relative size of the garment and the manikin and the fit of the garment on the shape of the manikin have an important influence on the performance. NOTE 2 This test method is complex and requires a high degree of technical expertise in both the test setup and operation. NOTE 3 Even minor deviations from the instructions in this test method can lead to significantly different test results.

Keel: en  
Alusdokumendid: ISO 13506-1:2017; EN ISO 13506-1:2017

### **EVS-EN ISO 19085-1:2017**

#### **Puidutöötlemismasinaid. Ohutus. Osa 1: Ühtsed nõuded Woodworking machines - Safety - Part 1: Common requirements (ISO 19085-1:2017)**

ISO 19085-1:2017 gives the safety requirements and measures to reduce risks related to woodworking machines arising during operation, adjustment, maintenance, transport, assembly, dismantling, disabling and scrapping and which are common to machines used in the woodworking industry. It is applicable to woodworking, stationary and displaceable machines when they are used as intended and under the conditions foreseen by the manufacturer. NOTE 1 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100:2010. ISO 19085-1:2017 is intended to be used in conjunction with the other parts of ISO 19085, applicable to specific machine types. ISO 19085-1:2017 is not applicable to machines intended for use in potential explosive atmospheres or to machines manufactured prior to the date of its publication. NOTE 2 Machines for capturing and extracting dust are covered by EN 12779 and EN 16770.

Keel: en

Alusdokumendid: ISO 19085-1:2017; EN ISO 19085-1:2017

### **EVS-EN ISO 19085-5:2017**

#### **Puidutöötlemismasinad. Ohutus. Osa 5: Formaatsaag Woodworking machines - Safety - Part 5: Dimension saws (ISO 19085-5:2017)**

ISO 19085-5:2017 gives the safety requirements and measures for stationary and displaceable dimension saws, hereinafter referred to as "machines", designed to cut wood and material with similar physical characteristics to wood. NOTE 1 For the definitions of stationary and displaceable machines, see ISO 19085-1:2017, 3.4 and 3.5. ISO 19085-5:2017 deals with all significant hazards, hazardous situations and events as listed in Clause 4, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases have been taken into account. NOTE 2 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100. ISO 19085-5:2017 is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: - device for the main saw blade and scoring saw blade to be raised and lowered; - device to tilt the main saw blade and scoring saw blade for angled cutting; - device for scoring; - device for grooving with milling tool with a width not exceeding 20 mm; - demountable power feed unit; - post-formed edge pre-cutting unit; - power-operated sliding table; - workpiece clamping. NOTE 3 Dimension saws are used for ripping, cross cutting, dimensioning and grooving. ISO 19085-5:2017 is not applicable to machines intended for use in potentially explosive atmospheres or to machines manufactured prior to the date of its publication.

Keel: en

Alusdokumendid: ISO 19085-5:2017; EN ISO 19085-5:2017

Asendab dokumenti: EVS-EN 1870-18:2013

### **EVS-EN ISO 20349-1:2017**

#### **Isikukaitsevahendid. Kaitsvad jalatsid valu- ja keevitustöödel. Osa 1: Valutöö riskide eest kaitsvate jalatsite nõuded ja katsemeetodid**

#### **Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 1: Requirements and test methods for protection against risks in foundries (ISO 20349- 1:2017)**

ISO 20349-1:2017 specifies requirements and test methods for footwear protecting users against risks, such as those encountered in foundries. Footwear complying with this document also offers other protection as defined in ISO 20345. NOTE Gaiters over boot and clothing intended to provide protection to the feet and legs against molten metal are addressed by ISO 11612.

Keel: en

Alusdokumendid: ISO 20349-1:2017; EN ISO 20349-1:2017

Asendab dokumenti: EVS-EN ISO 20349:2010

### **EVS-HD 60364-4-41:2017**

#### **Madalpingelised elektripaigaldised. Osa 4-41: Kaitseviisid. Kaitse elektrilöögi eest Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock (IEC 60364-4-41:2005, modified + A1:2017, modified)**

Standardisarja HD 60364 osa 4-41 sätestab põhinõuded inimeste ja koduloomade kaitsele elektrilöögi eest, sealhulgas põhikaitsele (kaitsele otsepuute eest) ja rikkekaitsele (kaitsele kaudpuute puhul). See käsitleb ka nende nõuete rakendamist ja omavahelist kooskõlastamist vastavalt välistoimetele. Esitatakse ka nõuded teatud juhtudel vajaliku lisakaitse rakendamiseks

Keel: en, et

Alusdokumendid: IEC 60364-4-41:2005; IEC 60364-4-41:2005/A1:2017; HD 60364-4-41:2017; HD 60364-4-41:2017/A11:2017

Asendab dokumenti: EVS-HD 60364-4-41:2007

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

### **CEN/TR 16791:2017**

#### **Quantifying irradiance for eye-mediated non-image-forming effects of light in humans**

This Technical Report defines metrics that can be used to evaluate and compare lighting conditions with respect to their potential to achieve non-image-forming, eye-mediated effects of light in human beings. This document applies to visible optic radiation in the wavelength range from 380 nm to 780 nm. This Technical Report does not give information for particular lighting applications. This Technical Report does not address health safety issues such as resulting from flicker, photobiological safety or the effects of non-visible optical radiation (ultraviolet and infrared radiation).

Keel: en

Alusdokumendid: CEN/TR 16791:2017

### **EVS-EN 62586-2:2017**

#### **Elektrienergia kvaliteedi mõõtmine elektrivarustusüsteemides. Osa 2: Funktsionaalkatsetused ja mõõtemääramatusnõuded**

#### **Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements**

IEC 62586-2:2017(E) specifies functional tests and uncertainty requirements for instruments whose functions include measuring, recording, and possibly monitoring power quality parameters in power supply systems, and whose measuring methods (class A

or class S) are defined in IEC 61000-4-30. This document applies to power quality instruments complying with IEC 62586-1. This document can also be referred to by other product standards (e.g. digital fault recorders, revenue meters, MV or HV protection relays) specifying devices embedding class A or class S power quality functions according to IEC 61000-4-30. These requirements are applicable in single-, dual- (split phase) and 3-phase AC power supply systems at 50 Hz or 60 Hz. This second edition cancels and replaces the first edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - test procedures for RVC and current have been added; - mistakes have been fixed.

Keel: en

Alusdokumendid: IEC 62586-2:2017; EN 62586-2:2017

Asendab dokumenti: EVS-EN 62586-2:2014

Asendab dokumenti: EVS-EN 62586-2:2014/AC:2015

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### EVS-EN 13480-4:2017

#### **Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine** **Metallic industrial piping - Part 4: Fabrication and installation**

Euroopa standardi see osa määratleb nõuded standardi EN 13480-3:2012 alusel projekteeritud torustike, sh tugede, tootmiseks ja paigaldamiseks.

Keel: en, et

Alusdokumendid: EN 13480-4:2017

Asendab dokumenti: EVS-EN 13480-4:2016

Asendab dokumenti: EVS-EN 13480-4:2016/A3:2016

Asendab dokumenti: EVS-EN 13480-4:2016/A4:2017

Asendab dokumenti: EVS-EN 13480-4:2016+A3:2016

### EVS-EN 816:2017

#### **Sanitary tapware - Automatic shut-off valves PN 10**

This European Standard is applicable to single and mixer taps with automatic shut-off for use with sanitary appliances installed in washrooms. It does not apply to urinal or WC flushing valves or valves which open automatically. The purpose of this standard is to specify the marking, identification, chemical/hygiene, dimensional, leaktightness, pressure resistance, hydraulic, mechanical endurance, and acoustical characteristics of automatic shut-off tapware. The tests described in all the standard are type tests (laboratory tests) and not quality control tests carried out during manufacture. The following conditions of pressure and temperature apply: Table 1 - Conditions for the use of self closing tapware (The pressures given are flow pressures)

Keel: en

Alusdokumendid: EN 816:2017

Asendab dokumenti: EVS-EN 816:2000

## 29 ELEKTROTEHNIKA

### EVS-EN 60061-1:2001+A49:2013/A56:2017

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

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

Muudatus standardile EN 60061-1:1993

Keel: en

Alusdokumendid: EN 60061-1:1993/A56:2017; IEC 60061-1:1969/A56:2017

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

### EVS-EN 60061-2:2001+A46:2013/A52:2017

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

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

Muudatus 52 standardile EN 60061-2:1993

Keel: en

Alusdokumendid: EN 60061-2:1993/A52:2017; IEC 60061-2:1969/A52:2017

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

### EVS-EN 60061-4:2001+A14:2011/A15:2017

#### **Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliiks. Osa 4:** **Juhised ja üldinformatsioon**

## **Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 4: Guidelines and general information**

Muudatus standardile EN 60061-4:1992

Keel: en

Alusdokumendid: EN 60061-4:1992/A15:2017; IEC 60061-4:1990/A15:2017

Muudab dokumenti: EVS-EN 60061-4:2001+A14:2011

### **EVS-HD 60364-4-46:2016/A11:2017**

#### **Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching**

Common amendment for HD 60364-4-46:2016

Keel: en

Alusdokumendid: HD 60364-4-46:2016/A11:2017

Muudab dokumenti: EVS-HD 60364-4-46:2016

### **EVS-HD 60364-4-46:2016+A11:2017**

#### **Madalpingelised elektripaigaldised. Osa 4-46: Kaitseviisid. Turvalahutamine ja lülitamine Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching**

See harmoneerimisdokument käsitleb — mitteautomaatseid koht- ja kaugtoimelisi turvalahutamise ja lülitamise viise, mis väldivad või välistavad elektripaigaldistest või elektritoitelistest seadmetest tingitud ohtusid, ja — ahelate või seadmete juhtimisotstarbelisi lülitamisi.

Keel: en, et

Alusdokumendid: HD 60364-4-46:2016; HD 60364-4-46:2016/A11:2017

Konsolideerib dokumenti: EVS-HD 60364-4-46:2016

Konsolideerib dokumenti: EVS-HD 60364-4-46:2016/A11:2017

### **EVS-HD 60364-5-537:2016/A11:2017**

#### **Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching**

Common amendment for HD 60364-5-537:2016

Keel: en

Alusdokumendid: HD 60364-5-537:2016/A11:2017

Muudab dokumenti: EVS-HD 60364-5-537:2016

### **EVS-HD 60364-5-537:2016+A11:2017**

#### **Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid. Jaotis 537: Turvalahutamine ja lülitamine**

#### **Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching**

HD 60364 see osa käsitleb turvalahutamise ja lülitamise üldisi nõudeid ning selliste talitlusviiside rakendamiseks vajalike aparaatide valiku ja paigaldamise nõudeid.

Keel: en, et

Alusdokumendid: HD 60364-5-537:2016; HD 60364-5-537:2016/A11:2017

Konsolideerib dokumenti: EVS-HD 60364-5-537:2016

Konsolideerib dokumenti: EVS-HD 60364-5-537:2016/A11:2017

### **EVS-HD 60364-7-701:2007/A12:2017**

#### **Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid**

#### **Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower**

Standardi EVS-HD 60364-7-701:2007 muudatus.

Keel: en, et

Alusdokumendid: HD 60364-7-701:2007/A12:2017

Muudab dokumenti: EVS-HD 60364-7-701:2007

Muudab dokumenti: EVS-HD 60364-7-701:2007+A11:2011

### **EVS-HD 60364-7-701:2007+A11+A12**

#### **Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid**



## **Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2006, modified)**

Standardisarja HD 60364 selle osa erinõuded käivad elektripaigaldiste kohta ruumides, mis sisaldavad kohtkindlat vanni või dušši, ja neid paigaldisi ümbritsevaid tsoone, nagu need on kirjeldatud selles standardis. See standard ei kehti hädapaigaldiste, nt tööstuses või laboratooriumides kasutatavate hädaduššide kohta. MÄRKUS 1 Ruumide kohta, mis sisaldavad meditsiiniotstarbelist vanni või dušši, võivad kehtida erinõuded. MÄRKUS 2 Tehasetooteliste vanni- ja/või dušikabiinide kohta vt ka EN 60335-2-105.

Keel: en, et

Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007; HD 60364-7-701:2007/A11:2011; HD 60364-7-701:2007/A12:2017

Konsolideerib dokumenti: EVS-HD 60364-7-701:2007

Konsolideerib dokumenti: EVS-HD 60364-7-701:2007/A11:2011

Konsolideerib dokumenti: EVS-HD 60364-7-701:2007/A12:2017

## **EVS-IEC 60050-903:2017**

### **Rahvusvaheline elektrotehnika sõnastik. Osa 903: Riskihindamine International Electrotechnical Vocabulary - Part 903: Risk assessment (IEC 60050-903:2013 + IEC 60050-903/Amd 1:2014 + IEC 60050-903/Amd 2:2015)**

Standardi IEC 60050 see osa annab peamised riskihindamisalased terminid. Sellel on IEC juhendi 108 „Guidelines for ensuring the coherency of IEC publications – Application of horizontal standards“ kohaselt horisontaalse standardi staatus. See terminoloogia ühildub rahvusvahelise elektrotehnika sõnastiku teiste osade terminitega. See horisontaalne standard on loodud eelkõige kasutamiseks tehnilistele komiteedele, et valmistada ette standardeid kooskõlas IEC juhendis 108 seatud põhimõtetega. Väljaannete ettevalmistamisel vastutab tehniline komitee muu hulgas horisontaalsete standardite kasutamise eest alati, kui see on asjakohane. Selle horisontaalse standardi sisu ei kohaldu ilma erilise viiteta või ilma kaasamiseta asjakohases väljaandes.

Keel: et-en

Alusdokumendid: IEC 60050-903:2013; IEC 60050-903/Amd 1:2014; IEC 60050-903/Amd 2:2015

## **33 SIDETEHNIKA**

### **EVS-EN 50288-12-1:2017**

#### **Multi-element metallic cables used in analogue and digital communications and control - Part 12-1: Sectional specification for screened cables characterised from 1 MHz up to 2 000 MHz - Horizontal and building backbone cables**

EN 50288 12-1 is a sectional specification for screened cables, characterised up to 2 000 MHz, to be used in horizontal and building backbone wiring for information technology, generic-cabling systems. This sectional specification contains the electrical, mechanical, transmission and environmental performance characteristics and requirements of the cables when tested in accordance with the referenced test methods. This sectional specification is to be read in conjunction with EN 50288 1, which contains the essential provisions for its application. The cables covered in this sectional specification are intended to operate with voltages and currents normally encountered in communications systems. These cables are not intended to be used in conjunction with low impedance sources, for example the electrical power supplies of public utility mains.

Keel: en

Alusdokumendid: EN 50288-12-1:2017

### **EVS-EN 61280-4-4:2017**

#### **Fibre optic communication subsystem test procedures - Part 4-4: Cable plants and links - Polarization mode dispersion measurement for installed links**

IEC 61280-4-4:2017(E) provides uniform methods of measuring polarization mode dispersion (PMD) of single-mode installed links. An installed link is the optical path between transmitter and receiver, or a portion of that optical path. These measurements can be used to assess the suitability of a given link for high bit rate applications, or to provide insight on the relationships of various related transmission attributes. This document focuses on the measurement methods and requirements for measuring long lengths of installed cabling that can also include other optical elements, such as splices, connectors, amplifiers, chromatic dispersion compensating modules, dense wavelength division multiplexing or multiplexer (DWDM) components, multiplexers, wavelength selective switches, re-configurable optical add drop multiplexer (ROADMS). This document focuses on the apparatus, procedures, and calculations needed to complete measurements. IEC TR 61282-9 explains the theory behind the test methods. This second edition cancels and replaces the first edition published in 2006. This second edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - theory is removed and replaced with a reference to IEC TR 61282-9; - a new method, wavelength scanning OTDR and SOP analysis (WSOSA), is added as Annex G; - a brief description of each method is added to Clause 5; - Methods E and F are converted to informative Annexes E and F; - a new Clause (6) on measurement configurations is added; - a new Clause (7) on measurement considerations is added; - Clause 10 on procedure is expanded; - several of the apparatus diagrams are improved; - several clarifications about what is measured and what is calculated have been made in Annex H.

Keel: en

Alusdokumendid: IEC 61280-4-4:2017; EN 61280-4-4:2017

Asendab dokumenti: EVS-EN 61280-4-4:2006



## **EVS-EN 62150-5:2017**

### **Fibre optic active components and devices - Test and measurement procedures - Part 5: Wavelength channel tuning time of tuneable transmitters**

IEC 62150-5:2017 specifies test and measurement procedures for the wavelength channel tuning time of tuneable transmitters. It applies to laser transmitters, and to the transmitter portion of transceivers. This procedure examines whether the device or module satisfies the appropriate performance specification. The method described in this document uses optical filters to transfer the transition of the output wavelength to the transition of the optical power. This is because the transient response of the output wavelength before stabilization at steady-state of the target wavelength channel is too fast to measure using a wavelength meter or an optical spectrum analyser. Reference optical filter sets are described in Annex A. Keywords: test and measurement procedures of the wavelength channel tuning time

Keel: en

Alusdokumendid: IEC 62150-5:2017; EN 62150-5:2017

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

## **EVS-EN ISO 10239:2017**

### **Väikelaevad. Veeldatud naftagaasi (LPG) süsteemid Small craft - Liquefied petroleum gas (LPG) systems (ISO 10239:2014)**

ISO 10239:2014 covers the installation of permanently installed liquefied petroleum gas LPG systems and LPG burning appliances on small craft of up to 24 m length of hull. It does not cover devices used for LPG-fuelled propulsion engines or LPG-driven generators. It covers cooking appliances with internal LPG cartridges, with a capacity of 225 g or less (See Annex D). It covers storage of all LPG cylinders but is not intended to regulate the technical requirements for such cylinders that are subject to national regulations. It does not contain procedures for commissioning the LPG installation.

Keel: en

Alusdokumendid: ISO 10239:2014; EN ISO 10239:2017

Asendab dokumenti: EVS-EN ISO 10239:2014

## **EVS-EN ISO 10592:2017**

### **Väikelaevad. Hüdroajamiga rooliseadmed Small craft - Hydraulic steering systems (ISO 10592:1994)**

Specifies requirements, test methods, manuals for both the owner and the installer, and the designation for hydraulic steering systems and components from the wheel to the interface point for outboard motor, inboard motor and inboard-outdrive steering arrangements, used on small craft of up to 24 m length of hull.

Keel: en

Alusdokumendid: ISO 10592:1994; EN ISO 10592:2017

Asendab dokumenti: EVS-EN ISO 10592:1999

Asendab dokumenti: EVS-EN ISO 10592:1999/A1:2001

## **EVS-EN ISO 13929:2017**

### **Väikelaevad. Rooliseade. Hammasülekandega süsteemid Small craft - Steering gear - Geared link systems (ISO 13929:2001)**

This International Standard specifies the minimum level of requirements for construction, operation and installation of geared link steering systems on all types of small craft of hull length up to 24 m. It excludes steering systems covered by ISO 8848 and ISO 9775.

Keel: en

Alusdokumendid: ISO 13929:2001; EN ISO 13929:2017

Asendab dokumenti: EVS-EN ISO 13929:2001

## **EVS-EN ISO 15584:2017**

### **Small craft - Inboard petrol engines - Engine-mounted fuel and electrical components (ISO 15584:2001)**

This International Standard specifies requirements for the design and installation of engine-mounted fuel and electrical system components on inboard petrol engines for minimizing fuel leakage and protecting against ignition of surrounding flammable gases on small craft of hull length up to 24 m. The following types of engines are exempt from the application of this International Standard: -engines in personal watercraft as defined by ISO 13590 (see the bibliography); -outboard engines.

Keel: en

Alusdokumendid: ISO 15584:2001; EN ISO 15584:2017

Asendab dokumenti: EVS-EN ISO 15584:2001

## **EVS-EN ISO 15652:2017**

### **Small craft - Remote steering systems for inboard mini jet boats (ISO 15652:2003)**

ISO 15652:2003 specifies the minimum level of requirements for construction, operation and installation of remote steering systems for all small inboard jet boats weighing less than 1 000 kg, excluding water scooters.

Keel: en

Alusdokumendid: ISO 15652:2003; EN ISO 15652:2017  
Asendab dokumenti: EVS-EN ISO 15652:2005

### **EVS-EN ISO 16147:2017**

#### **Small craft - Inboard diesel engines - Engine-mounted fuel and electrical components (ISO 16147:2002)**

ISO 16147:2002 establishes requirements for the design and installation of engine-mounted fuel and electrical components on diesel inboard-mounted engines for minimizing fuel leakage and the risk of and/or the spread of fire on small craft of hull length up to 24 m.

Keel: en

Alusdokumendid: ISO 16147:2002; ISO 16147:2002/Amd 1:2013; EN ISO 16147:2017

Asendab dokumenti: EVS-EN ISO 16147:2003

Asendab dokumenti: EVS-EN ISO 16147:2003/A1:2013

### **EVS-EN ISO 8846:2017**

#### **Väikelaevad. Elektriseadmed. Kaitse ümbritsevate põlevgaaside süttimise eest Small craft - Electrical devices - Protection against ignition of surrounding flammable gases (ISO 8846:1990)**

Describes test methods and requirements for the design of electrical devices to be used on small craft so that they may be operated in an explosive atmosphere without igniting surrounding flammable gases.

Keel: en

Alusdokumendid: ISO 8846:1990; EN ISO 8846:2017

Asendab dokumenti: EVS-EN 28846:1999

Asendab dokumenti: EVS-EN 28846:1999/A1:2001

### **EVS-EN ISO 8848:2017**

#### **Väikelaevad. Kaugjuhtimisega rooliseadmed Small craft - Remote steering systems (ISO 8848:1990)**

Lays down requirements and test methods for remote push-pull cable steering systems and their major component items, used for small craft with single and twin installations of outboard motors of over 15 kW power, and all inboard motors, inboard motor-outdrives, and waterjet drives.

Keel: en

Alusdokumendid: ISO 8848:1990; EN ISO 8848:2017

Asendab dokumenti: EVS-EN 28848:1999

Asendab dokumenti: EVS-EN 28848:1999/A1:2001

### **EVS-EN ISO 9094:2017**

#### **Väikelaevad. Tulekaitse Small craft - Fire protection (ISO 9094:2015)**

ISO 9094:2015 defines a practical degree of fire prevention and protection intended to provide enough time for occupants to escape a fire on board small craft. It applies to all small craft of up to 24 m length of hull (LH) except for personal watercraft. ISO 9094:2015 excludes: the design and installation of those permanently installed galley stoves and heating appliances (including components used to distribute the heat) using fuels that are liquid at atmospheric pressure on small craft, which are covered by ISO 14895; carbon monoxide detecting systems, which are covered by ISO 12133.

Keel: en

Alusdokumendid: ISO 9094:2015; EN ISO 9094:2017

Asendab dokumenti: EVS-EN ISO 9094:2015

### **EVS-EN ISO 9775:2017**

#### **Väikelaevad. Kaugjuhtimissüsteemid üksiku 15 kW kuni 40 kW võimsusega pāramootori juhtimiseks Small craft - Remote steering systems for single outboard motors of 15 kW to 40 kW power (ISO 9775:1990)**

Specifies requirements and test methods for remote push-pull cable steering systems and their major component items, used for small craft with a single outboard motor of 15 kW to 40 kW power. Includes definitions, installation, test requirements, as-installed tests, component tests and outboard motor requirements. Components and functional details are given in figures.

Keel: en

Alusdokumendid: ISO 9775:1990; EN ISO 9775:2017

Asendab dokumenti: EVS-EN 29775:1999

Asendab dokumenti: EVS-EN 29775:1999/A1:2001

## 49 LENNUNDUS JA KOSMOSETEHNIKA

### EVS-EN 16603-10-24:2017

#### Space engineering - Interface management

This standard describes a standard process and methodology for interface management throughout the life cycle, in terms of identification, requirements specification, definition, approval and control, implementation, verification and validation of interfaces, within a space programme or project and in accordance with the other relevant ECSS standards.

Keel: en

Alusdokumendid: ECSS-E-ST-10-24C; EN 16603-10-24:2017

## 65 PÕLLUMAJANDUS

### EVS-EN 60335-2-86:2003/A12:2017

#### Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-86: Erinõuded elektriliste kalapüügimasinatele

#### Household and similar electrical appliances - Safety - Part 2-86: Particular requirements for electric fishing machines

Muudatus standardile EN 60335-2-86:2003

Keel: en

Alusdokumendid: EN 60335-2-86:2003/A12:2017

Muudab dokumenti: EVS-EN 60335-2-86:2003

### EVS-EN ISO 1107:2017

#### Fishing nets - Netting - Basic terms and definitions (ISO 1107:2017)

ISO 1107:2017 gives the principal terms relating to netting for fishing nets, together with their definitions or, in some cases, the method of expressing dimensions.

Keel: en

Alusdokumendid: ISO 1107:2017; EN ISO 1107:2017

Asendab dokumenti: EVS-EN ISO 1107:2003

## 71 KEEMILINE TEHNOLOOGIA

### EVS-EN ISO 6145-6:2017

#### Gas analysis - Preparation of calibration gas mixtures using dynamic methods - Part 6: Critical flow orifices (ISO 6145-6:2017)

ISO 6145-6:2017 specifies a method for the dynamic preparation of calibration gas mixtures containing at least two gases (usually one of them is a complementary gas) from pure gases or gas pre-mixtures using critical flow orifices systems. The method applies principally to the preparation of mixtures of non-reactive gases that do not react with any of the materials forming the gas circuit inside the critical flow orifices system or auxiliary equipment. It has the merit of allowing multi-component mixtures to be prepared as readily as binary mixtures if an appropriate number of critical flow orifices are used. By selecting appropriate combinations of critical flow orifices, a dilution ratio of  $1 \times 10^4$  is achievable. Although it is more particularly applicable to the preparation of gas mixtures at atmospheric pressure, the method also offers the possibility of preparing calibration gas mixtures at pressures greater than atmospheric. The upstream pressure will need to be at least two times higher than downstream pressure. The range of flow rates covered by this document extends from 1 ml/min to 10 l/min.

Keel: en

Alusdokumendid: ISO 6145-6:2017; EN ISO 6145-6:2017

Asendab dokumenti: EVS-EN ISO 6145-6:2008

## 75 NAFTA JA NAFTATEHNOLOOGIA

### EVS-EN 16906:2017

#### Liquid petroleum products - Determination of the ignition quality of diesel fuels - BASF engine method

This European Standard specifies a test method for the determination of cetane numbers ("CN") in diesel fuel in the range from CN 45 to CN 63, using a standard single cylinder, four-stroke cycle, indirect injection engine. The cetane number provides a measure of the ignition characteristics of diesel fuels in compression ignition engines. The cetane number is determined at constant speed in a compression ignition test engine equipped with a swirl chamber. This European Standard is applicable to distillate as well as paraffinic diesel fuels intended for use in diesel engines, including those containing and fatty-acid methyl esters (FAME), ignition-improvers or other additives. The cetane number scale comprises a range from zero to 100, but typical testing is currently performed in the range from about 40 CN to about 75 CN. This engine test procedure may be used for other fuels such as synthetics and vegetable oils. However, samples with fuel properties that interfere with the gravity-based pre-supply pressure to the fuel pump e.g. due to high viscosity can only be used to a limited extent. Precision data for such fuels are not available at this stage. Precision data for paraffinic diesel fuels are currently under development. NOTE 1 For the purpose of this European Standard the expressions "%(m/m)" and "%(V/V)" are used to represent the mass fraction and volume fraction respectively of a material. NOTE 2 The test method is also suitable for determining cetane numbers outside the range of the scope, however, the

precision statement only applies for fuels in the specified range. WARNING - The use of this standard can 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 take appropriate measures to ensure the safety and health of personnel prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

Keel: en

Alusdokumendid: 51733; EN 16906:2017

## 79 PUIDUTEHNOLOOGIA

### EVS-EN ISO 19085-1:2017

#### **Puidutöötlemismasinad. Ohutus. Osa 1: Ühtsed nõuded**

#### **Woodworking machines - Safety - Part 1: Common requirements (ISO 19085-1:2017)**

ISO 19085-1:2017 gives the safety requirements and measures to reduce risks related to woodworking machines arising during operation, adjustment, maintenance, transport, assembly, dismantling, disabling and scrapping and which are common to machines used in the woodworking industry. It is applicable to woodworking, stationary and displaceable machines when they are used as intended and under the conditions foreseen by the manufacturer. NOTE 1 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100:2010. ISO 19085-1:2017 is intended to be used in conjunction with the other parts of ISO 19085, applicable to specific machine types. ISO 19085-1:2017 is not applicable to machines intended for use in potential explosive atmospheres or to machines manufactured prior to the date of its publication. NOTE 2 Machines for capturing and extracting dust are covered by EN 12779 and EN 16770.

Keel: en

Alusdokumendid: ISO 19085-1:2017; EN ISO 19085-1:2017

### EVS-EN ISO 19085-2:2017

#### **Puidutöötlemismasinad. Ohutus. Osa 2: Horisontaalasetusega ketassaed**

#### **Woodworking machines - Safety - Part 2: Horizontal beam panel circular sawing machines (ISO 19085-2:2017)**

This international standard deals with all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to horizontal beam panel sawing machines with the saw carriage of the front cutting line mounted below the workpiece support, which are manually or mechanically loaded and/or unloaded, hereinafter referred to as "machines", when they are operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also transport, assembly, dismantling, disabling and scrapping phases have been taken into account

Keel: en

Alusdokumendid: EN ISO 19085-2:2017; ISO 19085-2:2017

### EVS-EN ISO 19085-5:2017

#### **Puidutöötlemismasinad. Ohutus. Osa 5: Formaatsaag**

#### **Woodworking machines - Safety - Part 5: Dimension saws (ISO 19085-5:2017)**

ISO 19085-5:2017 gives the safety requirements and measures for stationary and displaceable dimension saws, hereinafter referred to as "machines", designed to cut wood and material with similar physical characteristics to wood. NOTE 1 For the definitions of stationary and displaceable machines, see ISO 19085- 1:2017, 3.4 and 3.5. ISO 19085-5:2017 deals with all significant hazards, hazardous situations and events as listed in Clause 4, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases have been taken into account. NOTE 2 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100. ISO 19085-5:2017 is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: - device for the main saw blade and scoring saw blade to be raised and lowered; - device to tilt the main saw blade and scoring saw blade for angled cutting; - device for scoring; - device for grooving with milling tool with a width not exceeding 20 mm; - demountable power feed unit; - post-formed edge pre-cutting unit; - power-operated sliding table; - workpiece clamping. NOTE 3 Dimension saws are used for ripping, cross cutting, dimensioning and grooving. ISO 19085-5:2017 is not applicable to machines intended for use in potentially explosive atmospheres or to machines manufactured prior to the date of its publication.

Keel: en

Alusdokumendid: ISO 19085-5:2017; EN ISO 19085-5:2017

Asendab dokumenti: EVS-EN 1870-18:2013

## 91 EHITUSMATERJALID JA EHITUS

### EVS-EN 12453:2017

#### **Tööstus-, kommerts- ning garaažiüksed ja -väravad. Masinkäitusega uste kasutusohutus.**

#### **Nõuded ja katsemeetodid**

#### **Industrial, commercial and garage doors and gates - Safety in use of power operated doors - Requirements and test methods**

This European Standard specifies requirements and test methods for the safety in use of power operated door, gate and barrier, 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 power operated vertically moving commercial doors such as rolling shutters and rolling grilles, used in retail premises which are

mainly provided for goods protection. This European Standard deals with all significant hazards, hazardous situations and events relevant to the power operation of industrial, commercial and garage doors, and gates when they are used as intended and under conditions of misuse which are reasonably foreseeable as identified in Clause 4. All lifetime phases of the machinery including transportation, assembly, dismantling, disabling and scrapping are considered by this standard. This European Standard does not apply to - lock gates and dock gates; - doors on lifts; - doors on vehicles; - armoured doors; - doors mainly for the retention of animals, unless they are at the site perimeter ; - theatre textile curtains; - horizontally moving power operated doors mainly intended for pedestrian use; - doors outside the reach of people (such as crane gantry fences); - railway barriers; - barriers intended solely for use by pedestrians; - barriers used solely for vehicles on motorways. Whenever the term "door" is used in this document, it shall be deemed to cover the full scope of types and variances of doors, gates and barriers in the scope of this Standard. This European Standard does not deal with any specific requirements on noise emitted from power operated door, gate and barrier, 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 as their noise emission is not considered to be a relevant hazard. NOTE Noise emission of power operated doors is not a significant hazard for the users of these products. It is a comfort aspect. This European Standard is not applicable to machinery which are manufactured before the date of publication of the standard.

Keel: en

Alusdokumendid: EN 12453:2017

Asendab dokumenti: EVS-EN 12445:2001

Asendab dokumenti: EVS-EN 12453:2001

### **EVS-EN 1287:2017**

#### **Sanitary Tapware - Low pressure thermostatic mixing valves - General Technical Specification**

This European Standard specifies general construction, performance and material requirements for PN 10 thermostatic mixing valves (TMV) and includes test methods for the verification of mixed water temperature performance at the point of use below 45 °C. This does not exclude the selection of higher temperatures where available. When these devices are used to provide anti-scald protection for children, elderly and disabled persons the mixed water temperature needs to be set at a suitable bathing temperature (body temperature - 38 °C) as children are at risk to scalding at lower temperatures than adults. This does not obviate the need for supervision of young children during bathing. It applies to valves intended for use on sanitary appliances in kitchens, washrooms (incl. all rooms with sanitary tapware, e.g. toilet and cloakrooms) and bathrooms operating under the conditions specified in Table 1. This standard allows TMVs to supply a single outlet or a small number of outlets in a "domestic" application (e.g. one valve, controlling a shower, bath, basin and/or, bidet), excluding valves specifically designed for supplying a large number of outlets (i.e. for institutional use). The tests described are type tests (laboratory tests) and not quality control tests carried out during manufacture.

Keel: en

Alusdokumendid: EN 1287:2017

Asendab dokumenti: EVS-EN 1287:2001

### **EVS-EN 13383-2:2002 (taaskehtestamine)**

#### **Kindlustusehitistes kasutatavad täitematerjalid. Osa 2: Katsemeetodid Armourstone - Part 2: Test methods**

This European Standard specifies test methods for natural, artificial and recycled aggregates for use as armourstone.

Keel: en

Alusdokumendid: EN 13383-2:2002

### **EVS-EN 16798-5-2:2017**

#### **Energy performance of buildings - Ventilation for buildings - Part 5-2: Calculation methods for energy requirements of ventilation systems (Modules M5-6, M5-8, M6-5, M6-8, M7-5, M7-8) - Method 2: Distribution and generation**

This European Standard covers energy performance calculation of mechanical ventilation systems with integrated heating/cooling generation, including domestic hot water production, using a monthly or seasonal calculation interval or a bin method. It takes into account the generation (air handling unit) and distribution (duct system) parts. It does not cover the emission part (calculation of the required volume flow rates and/or supply air conditions), which is covered in the M5-5 standard. It does not include humidification and dehumidification. This method is focussed on small, packaged ventilation systems, typically used in residential buildings, although the application is not restricted on the basis of building or space use type. A calculation method for mechanical ventilation and air conditioning systems, including humidification and dehumidification, using an hourly calculation interval or a bin method, is provided in a separate standard, EN 16798 5 1. Table 1 shows the relative position of this standard within the set of EPB standards in the context of the modular structure as set out in EN ISO 52000 1. NOTE 1 In CEN ISO/TR 52000 2, the same table can be found, with, for each module, the numbers of the relevant EPB standards and accompanying technical reports that are published or in preparation. NOTE 2 The modules represent EPB standards, although one EPB standard might cover more than one module and one module might be covered by more than one EPB standard, for instance a simplified and a detailed method respectively. See also Clause 2 and Tables A.1 and B.1.

Keel: en

Alusdokumendid: EN 16798-5-2:2017

Asendab dokumenti: EVS-EN 15241:2007

Asendab dokumenti: EVS-EN 15241:2007/AC:2011

### **EVS-EN 1993-1-4:2006/NA:2017**

#### **Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevaba terase jaoks. Eesti standardi rahvuslik lisa Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels. Estonian National Annex**

Rahvuslik lisa standardile EN 1993-1-4:2006 ja selle muudatusele EN 1993-1-4:2006/A1:2015

Keel: et, en

Asendab dokumenti: EVS-EN 1993-1-4/NA:2008

Täiendab rahvuslikult dokumenti: EVS-EN 1993-1-4:2006

Täiendab rahvuslikult dokumenti: EVS-EN 1993-1-4:2006/A1:2015

### **EVS-EN 1993-1-4:2006+A1:2015+NA:2017**

#### **Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevaba terase jaoks Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels**

(1) Standardi EN 1993 käesolevas osas 1.4 antakse lisareegleid hoonete projekteerimiseks ja ehitustehniliste tööde kavandamiseks laiendades ja kohandades standardite EN 1993-1-1, EN 1993-1-3, EN 1993-1-5 ja EN 1993-1-8 rakendamist roostevabadele austeniit-, austeniit-ferrit- ja ferrit-terastele. MÄRKUS 1 Teavet roostevabade teraste kestvuse kohta on antud lisa A. MÄRKUS 2 Roostevabast terasest konstruksioonide teostamist on käsitletud standardis EN 1090. MÄRKUS 3 Juhiseid muu töötlemise, s.h termilise töötlemise kohta on antud standardis EN 10088.

Keel: et, en

Alusdokumendid: EN 1993-1-4:2006; EVS-EN 1993-1-4:2006/prNA; EN 1993-1-4:2006/A1:2015

Asendab dokumenti: EVS-EN 1993-1-4:2006+NA:2008

Konsolideerib dokumenti: EVS-EN 1993-1-4:2006

Konsolideerib dokumenti: EVS-EN 1993-1-4:2006/A1:2015

Konsolideerib dokumenti: EVS-EN 1993-1-4:2006/NA:2017

### **EVS-EN 303-2:2017**

#### **Heating boilers - Part 2: Heating boilers with forced draught burners - Special requirements for boilers with atomizing oil burners**

This European Standard is applicable to boilers used for central heating in accordance with prEN 303 1:2016 up to a nominal heat output of 1 000 kW and EN 303 4 up to a nominal heat output of 70 kW with forced draught burners in accordance with EN 267 that are designed for operating with liquid fuels. The performance requirements of this standard apply to type testing to heating boilers (standard, low temperature and condensing boilers) which are tested on a test rig in accordance with the test code given in EN 304. This standard applies also to room sealed boilers as defined in EN 15035 regarding efficiency and emissions. This standard can also be used as the basis for evaluation of boiler-/burner units.

Keel: en

Alusdokumendid: EN 303-2:2017

Asendab dokumenti: EVS-EN 15034:2006

Asendab dokumenti: EVS-EN 15034:2006/AC:2008

Asendab dokumenti: EVS-EN 303-2:2000

Asendab dokumenti: EVS-EN 303-2:2000/A1:2003

### **EVS-EN 816:2017**

#### **Sanitary tapware - Automatic shut-off valves PN 10**

This European Standard is applicable to single and mixer taps with automatic shut-off for use with sanitary appliances installed in washrooms. It does not apply to urinal or WC flushing valves or valves which open automatically. The purpose of this standard is to specify the marking, identification, chemical/hygiene, dimensional, leaktightness, pressure resistance, hydraulic, mechanical endurance, and acoustical characteristics of automatic shut-off tapware. The tests described in all the standard are type tests (laboratory tests) and not quality control tests carried out during manufacture.

Keel: en

Alusdokumendid: EN 816:2017

Asendab dokumenti: EVS-EN 816:2000

### **EVS-EN ISO 12354-1:2017**

#### **Building acoustics - Estimation of acoustic performance of buildings from the performance of elements - Part 1: Airborne sound insulation between rooms (ISO 12354-1:2017)**

ISO 12354-1:2017 specifies calculation models designed to estimate the airborne sound insulation between adjacent rooms in buildings, primarily using measured data which characterize direct or indirect flanking transmission by the participating building elements, and theoretically-derived methods of sound propagation in structural elements.

Keel: en

Alusdokumendid: ISO 12354-1:2017; EN ISO 12354-1:2017

Asendab dokumenti: EVS-EN 12354-1:2005



### **EVS-EN ISO 12354-3:2017**

#### **Building acoustics - Estimation of acoustic performance of buildings from the performance of elements - Part 3: Airborne sound insulation against outdoor sound (ISO 12354-3:2017)**

ISO 12354-3:2017 specifies a calculation model to estimate the sound insulation or the sound pressure level difference of a façade or other external surface of a building. The calculation is based on the sound reduction index of the different elements from which the façade is constructed and it includes direct and flanking transmission. The calculation gives results which correspond approximately to the results from field measurements in accordance with ISO 16283-3. Calculations can be carried out for frequency bands or for single number ratings. The calculation results can also be used for calculating the indoor sound pressure level due to for instance road traffic (see Annex E). ISO 12354-3:2017 describes the principles of the calculation model, lists the relevant quantities and defines its applications and restrictions.

Keel: en

Alusdokumendid: ISO 12354-3:2017; EN ISO 12354-3:2017

Asendab dokumenti: EVS-EN 12354-3:2005

### **EVS-EN ISO 12354-4:2017**

#### **Building acoustics - Estimation of acoustic performance of buildings from the performance of elements - Part 4: Transmission of indoor sound to the outside (ISO 12354-4:2017)**

ISO 12354-4:2017 specifies a calculation model to estimate the sound power level radiated by the envelope of a building due to airborne sound inside that building, primarily by means of measured sound pressure levels inside the building and measured data which characterize the sound transmission by the relevant elements and openings in the building envelope. These sound power levels, together with those of other sound sources in or in front of the building envelope, form the basis for the calculation of the sound pressure level at a chosen distance from a building as a measure for the acoustic performance of buildings. The prediction of the inside sound pressure level from knowledge of the indoor sound sources is outside the scope of this document. The prediction of the outdoor sound propagation is outside the scope of this document. NOTE For simple propagation conditions an approach is given for the estimation of the sound pressure level in Annex E. ISO 12354-4:2017 describes the principles of the calculation model, lists the relevant quantities and defines its applications and restrictions.

Keel: en

Alusdokumendid: ISO 12354-4:2017; EN ISO 12354-4:2017

Asendab dokumenti: EVS-EN 12354-4:2005

### **EVS-HD 60364-4-41:2017**

#### **Madalpingelised elektripaigaldised. Osa 4-41: Kaitseviisid. Kaitse elektrilöögi eest Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock (IEC 60364-4-41:2005, modified + A1:2017, modified)**

Standardisarja HD 60364 osa 4-41 sätestab põhinõuded inimeste ja koduloomade kaitsele elektrilöögi eest, sealhulgas põhikaitsele (kaitsele otsepuute eest) ja rikkekaitsele (kaitsele kaudpuute puhul). See käsitleb ka nende nõuete rakendamist ja omavahelist kooskõlastamist vastavalt välistoimetele. Esitatakse ka nõuded teatud juhtudel vajaliku lisakaitse rakendamiseks

Keel: en, et

Alusdokumendid: IEC 60364-4-41:2005; IEC 60364-4-41:2005/A1:2017; HD 60364-4-41:2017; HD 60364-4-41:2017/A11:2017

Asendab dokumenti: EVS-HD 60364-4-41:2007

### **EVS-HD 60364-4-46:2016/A11:2017**

#### **Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching**

Common amendment for HD 60364-4-46:2016

Keel: en

Alusdokumendid: HD 60364-4-46:2016/A11:2017

Muudab dokumenti: EVS-HD 60364-4-46:2016

### **EVS-HD 60364-4-46:2016+A11:2017**

#### **Madalpingelised elektripaigaldised. Osa 4-46: Kaitseviisid. Turvalahutamine ja lülitamine Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching**

See harmoneerimisdokument käsitleb — mitteautomaatseid koht- ja kaugtoimelisi turvalahutamise ja lülitamise viise, mis väldivad või välistavad elektripaigaldistest või elektritoetelistest seadmetest tingitud ohtusid, ja — ahelate või seadmete juhtimisotstarbelisi lülitamisi.

Keel: en, et

Alusdokumendid: HD 60364-4-46:2016; HD 60364-4-46:2016/A11:2017

Konsolideerib dokumenti: EVS-HD 60364-4-46:2016

Konsolideerib dokumenti: EVS-HD 60364-4-46:2016/A11:2017

### **EVS-HD 60364-5-537:2016/A11:2017**

#### **Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching**

Common amendment for HD 60364-5-537:2016



Keel: en  
Alusdokumendid: HD 60364-5-537:2016/A11:2017  
Muudab dokumenti: EVS-HD 60364-5-537:2016

#### **EVS-HD 60364-5-537:2016+A11:2017**

**Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid. Jaotis 537: Turvalahutamine ja lülitamine**  
**Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching**

HD 60364 see osa käsitleb turvalahutamise ja lülitamise üldisi nõudeid ning selliste talitlusviiside rakendamiseks vajalike aparaatide valiku ja paigaldamise nõudeid.

Keel: en, et  
Alusdokumendid: HD 60364-5-537:2016; HD 60364-5-537:2016/A11:2017  
Konsolideerib dokumenti: EVS-HD 60364-5-537:2016  
Konsolideerib dokumenti: EVS-HD 60364-5-537:2016/A11:2017

#### **EVS-HD 60364-5-56:2010/A12:2017**

**Madalpingelised elektripaigaldised. Osa 5-56: Elektriseadmete valik ja paigaldamine. Turvasüsteemid**  
**Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services**

Standardi EVS-HD 60364-5-56:2010 muudatus.

Keel: en, et  
Alusdokumendid: HD 60364-5-56:2010/A12:2017  
Muudab dokumenti: EVS-HD 60364-5-56:2010  
Muudab dokumenti: EVS-HD 60364-5-56:2010+A1:2011  
Muudab dokumenti: EVS-HD 60364-5-56:2010+A1:2011+A11:2013

#### **EVS-HD 60364-5-56:2010+A1+A11+A12**

**Madalpingelised elektripaigaldised. Osa 5-56: Elektriseadmete valik ja paigaldamine. Turvasüsteemid**  
**Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services (IEC 60364-5-56:2009)**

See HD 60364 osa käsitleb üldnõudeid turvasüsteemidele, turvasüsteemide elektrivarustuspaigaldiste valikule ja ehitamisele ning elektrilistele turvatoiteallikatele. Varu-elektrivarustusüsteemid ei kuulu selle osa käsitusallas. See osa ei kehti plahvatusohtlike alade (BE3) paigaldiste kohta, millele esitatavad nõuded on toodud standardis EN 60079-14.

Keel: en, et  
Alusdokumendid: IEC 60364-5-56:2009; HD 60364-5-56:2010; HD 60364-5-56:2010/A1:2011; EVS-HD 60364-5-56:2010+A1:2011+A11:2013/AC:2016; HD 60364-5-56:2010/A12:2017; HD 60364-5-56:2010/A11:2013  
Konsolideerib dokumenti: EVS-HD 60364-5-56:2010  
Konsolideerib dokumenti: EVS-HD 60364-5-56:2010/A1:2011  
Konsolideerib dokumenti: EVS-HD 60364-5-56:2010/A11:2013  
Konsolideerib dokumenti: EVS-HD 60364-5-56:2010/A12:2017

#### **EVS-HD 60364-7-701:2007/A12:2017**

**Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid**  
**Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower**

Standardi EVS-HD 60364-7-701:2007 muudatus.

Keel: en, et  
Alusdokumendid: HD 60364-7-701:2007/A12:2017  
Muudab dokumenti: EVS-HD 60364-7-701:2007  
Muudab dokumenti: EVS-HD 60364-7-701:2007+A11:2011

#### **EVS-HD 60364-7-701:2007+A11+A12**

**Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid**  
**Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2006, modified)**

Standardisarja HD 60364 selle osa erinõuded käivad elektripaigaldiste kohta ruumides, mis sisaldavad kohtkindlat vanni või dušši, ja neid paigaldisi ümbritsevaid tsoone, nagu need on kirjeldatud selles standardis. See standard ei kehti hädapaigaldiste, nt tööstuses või laboratooriumides kasutatavate hädaduššide kohta. MÄRKUS 1 Ruumide kohta, mis sisaldavad

meditsiinotstarbelist vanni või dušši, võivad kehtida erinõuded. MÄRKUS 2 Tehasetooteliste vanni- ja/või dušikabiinide kohta vt ka EN 60335-2-105.

Keel: en, et

Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007; HD 60364-7-701:2007/A11:2011; HD 60364-7-701:2007/A12:2017

Konsolideerib dokumenti: EVS-HD 60364-7-701:2007

Konsolideerib dokumenti: EVS-HD 60364-7-701:2007/A11:2011

Konsolideerib dokumenti: EVS-HD 60364-7-701:2007/A12:2017

### **EVS-HD 60364-7-708:2017**

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

Standardi IEC 60364 selles osas sisalduvad erinõuded kehtivad ainult vooluahelate kohta, mis on ette nähtud jõudeaja sõidukelamute, telkide või kämpinguelamute toitmiseks sõidukelamuväljakutel, kämpinguväljakutel ja muudes samalaadsetes paikades. MÄRKUS Selles dokumendis mõistetakse sõidukelamuväljaku all nii sõidukelamuväljakuid kui ka kämpinguväljakuid ja muid samalaadseid paiku. Selle osa erinõuded ei kehti jõudeaja sõidukelamute, liikuvate ja transporditavate üksuste ega kämpinguelamute sise-ehitiste kohta.

Keel: en, et

Alusdokumendid: IEC 60364-7-708:2017; HD 60364-7-708:2017

Asendab dokumenti: EVS-HD 60364-7-708:2009

## **93 RAJATISED**

### **EVS-EN 12675:2017**

#### **Traffic signal controllers - Functional safety requirements**

This European Standard specifies the functional safety requirements for traffic signal controllers. It is applicable to traffic signal control equipment permanently and temporarily installed, but excludes portable traffic control equipment. Traffic signal controllers, as defined by this European Standard, are required to control conflicting traffic, both vehicular and pedestrian, e.g. junction signals, pedestrian crossings, shuttle signals, public transport signals, in a safe manner. The electrical safety requirements and additional traffic safety requirements, the interfacing with external equipment and the test methods for verifying compliance with this European Standard are contained in HD 638. NOTE National requirements may specify special conditions for public transport signals (PT) and for any other signal that is not specified in a European Standard.

Keel: en

Alusdokumendid: EN 12675:2017

Asendab dokumenti: EVS-EN 12675:2001

### **EVS-EN 13848-5:2017**

#### **Raudteealased rakendused. Rööbastee. Rööbastee geomeetriline kvaliteet. Osa 5: Geomeetrilise kvaliteedi tasemed. Hargnemisteta raudtee rada, pöörmed ja ristmed Railway applications - Track - Track geometry quality - Part 5: Geometric quality levels - Plain line, switches and crossings**

This European Standard defines the minimum requirements for the quality levels of track geometry, and specifies the safety related limits for each parameter as defined in EN 13848-1 and measured by any track geometry measurement system as defined in EN 13848-2, EN 13848-3 and EN 13848-4. This European Standard covers the following topics: - immediate action limits (IAL); - recommendations on tolerance levels for isolated defects; - relative importance of parameters with respect to the vehicle behaviours. The necessity to measure, the frequency of measurements and the selection of measured parameters are not covered by this European Standard. This European Standard applies to high-speed and conventional lines, including switches and crossings, of 1 435 mm and wider gauge railways provided that the vehicles operated on those lines comply with EN 14363 and other vehicle safety standards. This European Standard does not apply to Urban Rail Systems.

Keel: en

Alusdokumendid: EN 13848-5:2017

Asendab dokumenti: EVS-EN 13848-5:2008+A1:2010

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

### **EVS-EN 1069-1:2017**

#### **Water slides - Part 1: Safety requirements and test methods**

This European Standard is applicable to all water slides installed in swimming pools of public use. This Standard specifies general safety requirements for water slides in swimming pools of public use and specific requirements for defined types of water slides. These specific safety requirements are also applicable to undefined types as far as possible. These requirements concern safety and the technical rules for design, calculation and testing.

Keel: en

Alusdokumendid: EN 1069-1:2017

Asendab dokumenti: EVS-EN 1069-1:2010

### **EVS-EN 50090-3-4:2017**

#### **Home and Building Electronic Systems (HBES) - Part 3-4: Secure Application Layer, Secure Service, Secure configuration and security Resources**

This European Standard defines security for HBES communication. It is based on ISO/IEC 24767-2, Home network security / Secure Communication Protocol Middleware (SCPM). Having a secure HBES solution has several advantages. - It makes the HBES RF Communication Medium more secure: HBES RF Radio Frames in plain communication can easily be traced (by sniffer for example). - It allows for secure applications. Secure communication is interesting in shutter - and door control and anti-intrusion security, in order to prevent intrusive commands (burglars...). It is also interesting in metering to protect for example electrical consumption data. This document does not define any type of application.

Keel: en

Alusdokumendid: EN 50090-3-4:2017

### **EVS-EN 71-14:2014+A1:2017**

#### **Mänguasjade ohutus. Osa 14: Batuudid koduseks kasutamiseks Safety of toys - Part 14: Trampolines for domestic use**

This European Standard specifies requirements and test methods for trampolines for domestic use, their access devices and their enclosures, intended for outdoor and/or indoor use above ground level by one person at a time. The scope of this European Standard excludes: - trampolines used as gymnastic equipment, covered by EN 13219; - floating inflatable trampolines, covered by the EN 15649 series; - trampolines used in public playgrounds; - inclined mat trampolines; - inflatable trampolines; - fitness trampolines, including trampolines for medical use; - trampolines with additional features, e.g. tents, basket ball hoop; - trampolines for domestic use buried at ground level.

Keel: en

Alusdokumendid: EN 71-14:2014+A1:2017

Asendab dokumenti: EVS-EN 71-14:2014

### **EVS-EN 71-3:2013+A2:2017**

#### **Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon Safety of toys - Part 3: Migration of certain elements**

See Euroopa standard määratleb nõuded ja katsemeetodid alumiiniumi, antimoni, arseeni, baariumi, boori, kaadmiumi, kroom (III), kroom (VI), koobalti, vase, plii, mangaani, elavhõbeda, nikli, seleeni, strontsiumi, tina, orgaanilise tina ja tsingi migratsiooni kohta mänguasja materjalidest ja mänguasjade koostisosadest. Pakkematerjale ei vaadelda mänguasja osana, kui neil ei ole kavandatud mängulist väärtust. MÄRKUS 1 Vaadake Euroopa Komisjoni juhenddokumenti nr 12 [2] mänguasjade ohutuse direktiivi rakendamise pakendile. Standardis on nõuded teatud elementide migratsiooni kohta mänguasja materjalide järgmistest liikidest: - kategooria I: kuivad, rabedad, pulbritaolised või vormitavad materjalid (dry, brittle, powder like or pliable materials); - kategooria II: vedelad või kleepuvad materjalid (liquid or sticky materials); - kategooria III: mahakraabitud materjalid (scraped-off materials). Selle standardi nõuded ei ole kohaldatavad mänguasjadele või nende osadele, mis nende kättesaadavuse, toimimise, suuruse või massi tõttu välistavad selgelt mis tahes imemisest, lakkumisest või allaneelamisest tuleneva ohu või pikaajalise kontakti ohu nahaga, juhul kui mänguasja või selle osa kasutatakse kavandatud või etteaimataval viisil, võttes arvesse laste käitumist. MÄRKUS 2 Selle standardi mõistes peetakse imemise, lakkumise või allaneelamise tõenäosust märkimisväärseks järgmiste mänguasjade ja mänguasjade osade puhul (vt H.2 ja H.3): - Kõiki suhu või suu juurde panemiseks ettenähtud mänguasju, mängu kosmeetikavahendeid ja mänguasjadena liigitatavaid kirjutusvahendeid võib pidada imetavateks, lakutavateks või allaneelatavateks. - Kõiki kuni 6-aastastele lastele ettenähtud mänguasjade kättesaadavaid osi ja koostisosi võib hinnata suuga kontakteeruvateks. Vanematele lastele ettenähtud mänguasjade osade suuga kontakti sattumise tõenäosust ei peeta enamikul juhtudest oluliseks (vt H.2).

Keel: en, et

Alusdokumendid: EN 71-3:2013+A2:2017

Asendab dokumenti: EVS-EN 71-3:2013+A1:2014

# ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### CEN ISO/TS 27687:2009

**Nanotehnoloogiad. Nanoobjektide terminoloogia ja definitsioonid. Nanoosake, nanokiud ja nanoplaat**

**Nanotechnologies - Terminology and definitions for nano-objects - Nanoparticle, nanofibre and nanoplate**

Keel: en, et

Alusdokumendid: ISO/TS 27687:2008; CEN ISO/TS 27687:2009

Asendatud järgmise dokumendiga: CEN ISO/TS 80004-2:2017

Standardi staatus: Kehtetu

### EVS-EN ISO 1107:2003

**Fishing nets - Netting - Basic terms and definitions**

Keel: en

Alusdokumendid: ISO 1107:2003; EN ISO 1107:2003

Asendatud järgmise dokumendiga: EVS-EN ISO 1107:2017

Standardi staatus: Kehtetu

## 07 LOODUS- JA RAKENDUSTEADUSED

### CEN ISO/TS 27687:2009

**Nanotehnoloogiad. Nanoobjektide terminoloogia ja definitsioonid. Nanoosake, nanokiud ja nanoplaat**

**Nanotechnologies - Terminology and definitions for nano-objects - Nanoparticle, nanofibre and nanoplate**

Keel: en, et

Alusdokumendid: ISO/TS 27687:2008; CEN ISO/TS 27687:2009

Asendatud järgmise dokumendiga: CEN ISO/TS 80004-2:2017

Standardi staatus: Kehtetu

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### CLC/TS 50398:2009

**Alarm systems - Combined and integrated alarm systems - General requirements**

Keel: en

Alusdokumendid: CLC/TS 50398:2009

Osaliselt asendatud järgmise dokumendiga: EVS-EN 50398-1:2017

Standardi staatus: Kehtiv

### EVS-EN 13911:2004

**Tuletõrjajate kaitseriietus. Nõuded ja katsemeetodid tuletõrjajate tulekindlatele kapuutsidele**  
**Protective clothing for firefighters - Requirements and test methods for fire hoods for firefighters**

Keel: en

Alusdokumendid: EN 13911:2004

Asendatud järgmise dokumendiga: EVS-EN 13911:2017

Standardi staatus: Kehtetu

### EVS-EN ISO 20349:2010

**Isikukaitsevahendid. Termiliste riskide ja sulametalli pritsmete eest kaitsvad jalatsid. Nõuded ja katsemeetodid (ISO 20349:2010)**

**Personal protective equipment - Footwear protecting against thermal risks and molten metal splashes as found in foundries and welding - Requirements and test method (ISO 20349:2010)**

Keel: en

Alusdokumendid: ISO 20349:2010; EN ISO 20349:2010

Asendatud järgmise dokumendiga: EVS-EN ISO 20349-1:2017

Standardi staatus: Kehtetu

### [EVS-HD 60364-4-41:2007](#)

#### **Madalpingelised elektripaigaldised. Osa 4-41: Kaitseviisid. Kaitse elektrilöögi eest Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock**

Keel: en, et

Alusdokumendid: IEC 60364-4-41:2005; HD 60364-4-41:2007; HD 60364-4-41:2007/AC:2007

Asendatud järgmise dokumendiga: EVS-HD 60364-4-41:2017

Muudetud järgmise dokumendiga: EVS-HD 60364-4-41:2007/prA11 arhiiv

Standardi staatus: Kehtetu

## 17 METROLOOGIA JA MÕOTMINE. FÜSIKALISED NÄHTUSED

### [EVS-EN 62586-2:2014](#)

#### **Elektrienergia kvaliteedi mõõtmine elektrivarustussüsteemides. Osa 2: Funktsionaalkatsetused ja mõõtemääramatusnõuded**

#### **Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements**

Keel: en

Alusdokumendid: IEC 62586-2:2013; EN 62586-2:2014

Asendatud järgmise dokumendiga: EVS-EN 62586-2:2017

Parandatud järgmise dokumendiga: EVS-EN 62586-2:2014/AC:2015

Standardi staatus: Kehtetu

### [EVS-EN 62586-2:2014/AC:2015](#)

#### **Elektrienergia kvaliteedi mõõtmine elektrivarustussüsteemides. Osa 2: Funktsionaalkatsetused ja mõõtemääramatusnõuded**

#### **Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements**

Keel: en

Alusdokumendid: EN 62586-2:2014/AC:2014

Asendatud järgmise dokumendiga: EVS-EN 62586-2:2017

Standardi staatus: Kehtetu

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### [EVS-EN 13480-4:2016](#)

#### **Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine Metallic industrial piping - Part 4: Fabrication and installation**

Keel: en

Alusdokumendid: EN 13480-4:2012 V04

Asendatud järgmise dokumendiga: EVS-EN 13480-4:2017

Muudetud järgmise dokumendiga: EN 13480-4:2012/prA5

Muudetud järgmise dokumendiga: EVS-EN 13480-4:2016/A3:2016

Muudetud järgmise dokumendiga: EVS-EN 13480-4:2016/A4:2017

Standardi staatus: Kehtetu

### [EVS-EN 13480-4:2016/A3:2016](#)

#### **Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine Metallic industrial piping - Part 4: Fabrication and installation**

Keel: en

Alusdokumendid: EN 13480-4:2012/A3:2016

Asendatud järgmise dokumendiga: EVS-EN 13480-4:2017

Standardi staatus: Kehtetu

### [EVS-EN 13480-4:2016/A4:2017](#)

#### **Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine Metallic industrial piping - Part 4: Fabrication and installation**

Keel: en

Alusdokumendid: EN 13480-4:2012/A4:2017

Asendatud järgmise dokumendiga: EVS-EN 13480-4:2017

Standardi staatus: Kehtetu

### [EVS-EN 13480-4:2016+A3:2016](#)

#### **Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine**

## **Metallic industrial piping - Part 4: Fabrication and installation**

Keel: en, et

Alusdokumendid: EN 13480-4:2012 V04; EN 13480-4:2012/A3:2016

Asendatud järgmise dokumendiga: EVS-EN 13480-4:2017

Standardi staatus: Kehtetu

### **25 TOOTMISTEHNOLLOOGIA**

#### **EVS-EN ISO 14372:2011**

#### **Welding consumables - Determination of moisture resistance of manual metal arc welding electrodes by measurement of diffusible hydrogen (ISO 14372:2011)**

Keel: en

Alusdokumendid: ISO 14372:2011; EN ISO 14372:2011

Standardi staatus: Kehtetu

### **33 SIDETEHNIKA**

#### **EVS-EN 61280-4-4:2006**

#### **Fibre optic communication subsystem test procedures Part 4-4: Cable plants and links - Polarization mode dispersion measurement for installed links**

Keel: en

Alusdokumendid: IEC 61280-4-4:2006; EN 61280-4-4:2006

Asendatud järgmise dokumendiga: EVS-EN 61280-4-4:2017

Standardi staatus: Kehtetu

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

#### **EVS-EN 28846:1999**

#### **Väikelaevad. Elektriseadmed. Kaitse ümbritsevate põlevgaaside süttimise eest Small craft - Electrical devices - Protection against ignition of surrounding flammable gases**

Keel: en

Alusdokumendid: ISO 8846:1990; EN 28846:1993

Asendatud järgmise dokumendiga: EVS-EN ISO 8846:2017

Muudetud järgmise dokumendiga: EVS-EN 28846:1999/A1:2001

Standardi staatus: Kehtetu

#### **EVS-EN 28846:1999/A1:2001**

#### **Väikelaevad. Elektriseadmed. Kaitse ümbritsevate põlevgaaside süttimise eest. MUUDATUS Small craft - Electrical devices - Protection against ignition of surrounding flammable gases - AMENDMENT**

Keel: en

Alusdokumendid: ISO 8846:1990; EN 28846:1993/A1:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 8846:2017

Standardi staatus: Kehtetu

#### **EVS-EN 28848:1999**

#### **Väikelaevad. Kaugjuhtimisega rooliseadmed Small craft - Remote steering systems**

Keel: en

Alusdokumendid: ISO 8848:1990; EN 28848:1993

Asendatud järgmise dokumendiga: EVS-EN ISO 8848:2017

Muudetud järgmise dokumendiga: EVS-EN 28848:1999/A1:2001

Standardi staatus: Kehtetu

#### **EVS-EN 28848:1999/A1:2001**

#### **Väikelaevad. Kaugjuhtimisega rooliseadmed. MUUDATUS Small craft - Remote steering systems. AMENDMENT**

Keel: en

Alusdokumendid: ISO 8848:1990; EN 28848:1993/A1:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 8848:2017

Standardi staatus: Kehtetu

#### **EVS-EN 29775:1999**

**Väikelaevad. Kaugjuhtimissüsteemid üksiku 15 kW kuni 40 kW võimsusega pāramootori juhtimiseks**  
**Small craft - Remote steering systems for single outboard motors of 15 kW - 40 kW power**

Keel: en  
Alusdokumendid: ISO 9775:1990; EN 29775:1993  
Asendatud järgmise dokumendiga: EVS-EN ISO 9775:2017  
Muudetud järgmise dokumendiga: EVS-EN 29775:1999/A1:2001  
Standardi staatus: Kehtetu

#### **EVS-EN 29775:1999/A1:2001**

**Väikelaevad. Kaugjuhtimissüsteemid üksiku 15 kW kuni 40 kW võimsusega pāramootori juhtimiseks. MUUDATUS**  
**Small craft - Remote steering systems for single outboard motors of 15 kW - 40 kW power - AMENDMENT**

Keel: en  
Alusdokumendid: ISO 9775:1990; EN 29775:1993/A1:2000  
Asendatud järgmise dokumendiga: EVS-EN ISO 9775:2017  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 10239:2014**

**Väikelaevad. Veeldatud naftagaasi (LPG) süsteemid**  
**Small craft - Liquefied petroleum gas (LPG) systems (ISO 10239:2014)**

Keel: en  
Alusdokumendid: ISO 10239:2014; EN ISO 10239:2014  
Asendatud järgmise dokumendiga: EVS-EN ISO 10239:2017  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 10592:1999**

**Väikelaevad. Hüdroajamiga rooliseadmed**  
**Small craft - Hydraulic steering systems**

Keel: en  
Alusdokumendid: ISO 10592:1994; EN ISO 10592:1995  
Asendatud järgmise dokumendiga: EVS-EN ISO 10592:2017  
Muudetud järgmise dokumendiga: EVS-EN ISO 10592:1999/A1:2001  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 10592:1999/A1:2001**

**Väikelaevad. Hüdroajamiga rooliseadmed. MUUDATUS**  
**Small craft - Hydraulic steering systems - AMENDMENT**

Keel: en  
Alusdokumendid: ISO 10592:1994; EN ISO 10592:1995/A1:2000  
Asendatud järgmise dokumendiga: EVS-EN ISO 10592:2017  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 13929:2001**

**Väikelaevad . Rooliseade. Hammasülekandega süsteemid**  
**Small craft - Steering gear - Geared link systems**

Keel: en  
Alusdokumendid: ISO 13929:2001; EN ISO 13929:2001  
Asendatud järgmise dokumendiga: EVS-EN ISO 13929:2017  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 15584:2001**

**Väikelaevad. Laeva sees asuvad bensiinimootorid. Mootorikütus ja elektrilised komponendid**  
**Small craft - Inboard petrol engines - Engine-mounted fuel and electrical components**

Keel: en  
Alusdokumendid: ISO 15584:2001; EN ISO 15584:2001  
Asendatud järgmise dokumendiga: EVS-EN ISO 15584:2017  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 15652:2005**

**Väikelaevad. Kaugjuhtimissüsteemid jugakäituriga veesõidukitele**  
**Small craft - Remote steering systems for inboard mini jet boats**



Keel: en  
Alusdokumendid: ISO 15652:2003; EN ISO 15652:2005  
Asendatud järgmise dokumendiga: EVS-EN ISO 15652:2017  
Standardi staatus: Kehtetu

### **EVS-EN ISO 16147:2003**

#### **Väikelaevad. Laeva sees asuvad diiselmootorid. Mootorikütus ja elektrilised komponendid Small craft - Inboard diesel engines - Engine-mounted fuel and electrical components**

Keel: en  
Alusdokumendid: ISO 16147:2002; EN ISO 16147:2002  
Asendatud järgmise dokumendiga: EVS-EN ISO 16147:2017  
Asendatud järgmise dokumendiga: prEN ISO 16147  
Muudetud järgmise dokumendiga: EVS-EN ISO 16147:2003/A1:2013  
Standardi staatus: Kehtetu

### **EVS-EN ISO 16147:2003/A1:2013**

#### **Small craft - Inboard diesel engines - Engine-mounted fuel and electrical components - Amendment 1 (ISO 16147:2002/Amd 1:2013)**

Keel: en  
Alusdokumendid: ISO 16147:2002/Amd 1:2013; EN ISO 16147:2002/A1:2013  
Asendatud järgmise dokumendiga: EVS-EN ISO 16147:2017  
Asendatud järgmise dokumendiga: prEN ISO 16147  
Standardi staatus: Kehtetu

### **EVS-EN ISO 9094:2015**

#### **Väikelaevad. Tulekaitse Small craft - Fire protection (ISO 9094:2015)**

Keel: en  
Alusdokumendid: ISO 9094:2015; EN ISO 9094:2015  
Asendatud järgmise dokumendiga: EVS-EN ISO 9094:2017  
Standardi staatus: Kehtetu

## **65 PÖLLUMAJANDUS**

### **EVS-EN ISO 1107:2003**

#### **Fishing nets - Netting - Basic terms and definitions**

Keel: en  
Alusdokumendid: ISO 1107:2003; EN ISO 1107:2003  
Asendatud järgmise dokumendiga: EVS-EN ISO 1107:2017  
Standardi staatus: Kehtetu

## **71 KEEMILINE TEHNOLOOGIA**

### **EVS-EN ISO 6145-6:2008**

#### **Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 6: Critical orifices**

Keel: en  
Alusdokumendid: ISO 6145-6:2003; EN ISO 6145-6:2008  
Asendatud järgmise dokumendiga: EVS-EN ISO 6145-6:2017  
Standardi staatus: Kehtetu

## **75 NAFTA JA NAFTATEHNOLOOGIA**

### **EVS-EN 590:2013/AC:2014**

#### **Mootorikütused. Diislikütus. Nõuded ja katsemeetodid Automotive fuels - Diesel - Requirements and test methods**

Keel: en  
Alusdokumendid: EN 590:2013/AC:2014  
Asendatud järgmise dokumendiga: EVS-EN 590:2013+prA1  
Konsolideeritud järgmise dokumendiga: EVS-EN 590:2013+NA:2014  
Standardi staatus: Kehtetu

## 77 METALLURGIA

### **EVS-EN 10036:2000**

**Mustmetallide keemiline analüüs. Süsiniku üldsisalduse määramine terases ja rauas.  
Kaalumeetod põletamisega hapnikuvoos  
Chemical analysis of ferrous materials - Determination of total carbon in steels and irons -  
Gravimetric method after combustion in a stream of oxygen**

Keel: en  
Alusdokumendid: EN 10036:1989  
Standardi staatus: Kehtetu

## 79 PUIDUTEHNOLOOGIA

### **EVS-EN 1870-18:2013**

**Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 18: Formaatsaed  
Safety of woodworking machines - Circular sawing machines - Part 18: Dimension saws**

Keel: en  
Alusdokumendid: EN 1870-18:2013  
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-5:2017  
Standardi staatus: Kehtetu

## 91 EHITUSMATERJALID JA EHITUS

### **EVS-EN 12354-1:2005**

**Ehitusakustika. Hoonete akustilise toimivuse hindamine elementide akustilise toime põhjal.  
Osa 1: Ruumidevaheline õhuheli isolatsioon  
Building Acoustics - Estimation of acoustic performance of buildings from the performance of  
elements - Part 1: Airborne sound insulation between rooms**

Keel: en, et  
Alusdokumendid: EN 12354-1:2000  
Asendatud järgmise dokumendiga: EVS-EN ISO 12354-1:2017  
Standardi staatus: Kehtetu

### **EVS-EN 12354-3:2005**

**Ehitusakustika. Hoonete akustilise toimivuse hindamine elementide akustilise toime põhjal.  
Osa 3: Õhuheli isolatsioon välismüra vastu  
Building acoustics - Estimation of acoustic performance of buildings from the performance of  
elements - Part 3: Airborne sound insulation against outdoor sound**

Keel: en, et  
Alusdokumendid: EN 12354-3:2000  
Asendatud järgmise dokumendiga: EVS-EN ISO 12354-3:2017  
Standardi staatus: Kehtetu

### **EVS-EN 12354-4:2005**

**Ehitusakustika. Hoonete akustilise toimivuse hindamine elementide akustilise toime põhjal.  
Osa 4: Heli kandumine väljapoole ruumi  
Building acoustics - Estimation of acoustic performance of buildings from the performance of  
elements - Part 4: Transmission of indoor sound to the outside**

Keel: en, et  
Alusdokumendid: EN 12354-4:2000  
Asendatud järgmise dokumendiga: EVS-EN ISO 12354-4:2017  
Standardi staatus: Kehtetu

### **EVS-EN 12445:2001**

**Industrial, commercial and garage doors and gates - Safety in use for power operated doors -  
Testing methods**

Keel: en  
Alusdokumendid: EN 12445:2000  
Asendatud järgmise dokumendiga: EVS-EN 12453:2017  
Standardi staatus: Kehtetu

### **EVS-EN 12453:2001**

#### **Industrial, commercial and garage doors and gates - Safety in use of power operated doors - Requirements**

Keel: en  
Alusdokumendid: EN 12453:2000  
Asendatud järgmise dokumendiga: EVS-EN 12453:2017  
Standardi staatus: Kehtetu

### **EVS-EN 1287:2001**

#### **Sanitary tapware - Low pressure thermostatic mixing valves - General technical specifications**

Keel: en  
Alusdokumendid: EN 1287:1999  
Asendatud järgmise dokumendiga: EVS-EN 1287:2017  
Standardi staatus: Kehtetu

### **EVS-EN 1993-1-4/NA:2008**

#### **Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevaba terase jaoks. Eesti standardi rahvuslik lisa Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels. Estonian National Annex**

Keel: et, en  
Asendatud järgmise dokumendiga: EVS-EN 1993-1-4:2006/NA:2017  
Konsolideeritud järgmise dokumendiga: EVS-EN 1993-1-4:2006+NA:2008  
Standardi staatus: Kehtetu

### **EVS-EN 1993-1-4:2006+NA:2008**

#### **Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevaba terase jaoks Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels**

Keel: et, en  
Alusdokumendid: EVS-EN 1993-1-4/NA:2008; EN 1993-1-4:2006  
Asendatud järgmise dokumendiga: EVS-EN 1993-1-4:2006+A1:2015+NA:2017  
Täiendatud rahvuslikult järgmise dokumendiga: EVS-EN 1993-1-4/NA:2008  
Standardi staatus: Kehtetu

### **EVS-EN 303-2:2000**

#### **Küttekatlad. Osa 2: Võimendatud põletitega köetavad boilerid. Spetsiaalsed ohutusnõuded automaatsõltivate kateldele Heating boilers - Part 2: Heating boilers with forced draught burners - Special requirements for boilers with atomizing oil burners.**

Keel: en  
Alusdokumendid: EN 303-2:1998  
Asendatud järgmise dokumendiga: EVS-EN 303-2:2017  
Muudetud järgmise dokumendiga: EVS-EN 303-2:2000/A1:2003  
Standardi staatus: Kehtetu

### **EVS-EN 303-2:2000/A1:2003**

#### **Küttekatlad. Osa 2: Võimendatud põletitega köetavad boilerid. Spetsiaalsed ohutusnõuded automaatsõltivate kateldele Heating boilers - Part 2: Heating boilers with forced draught burners - Special requirements for boilers with atomizing oil burners**

Keel: en  
Alusdokumendid: EN 303-2:1998/A1:2003  
Asendatud järgmise dokumendiga: EVS-EN 303-2:2017  
Standardi staatus: Kehtetu

### **EVS-EN 816:2000**

#### **Sanitaartechnilised kraanitarvikud. Automaatsed sulgemiskraanid PN 10 Sanitary tapware - Automatic shut-off valves PN 10**

Keel: en  
Alusdokumendid: EN 816:1996  
Asendatud järgmise dokumendiga: EVS-EN 816:2017  
Standardi staatus: Kehtetu

### **EVS-HD 60364-4-41:2007**

#### **Madalpingelised elektripaigaldised. Osa 4-41: Kaitseviisid. Kaitse elektrilöögi eest Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock**

Keel: en, et

Alusdokumendid: IEC 60364-4-41:2005; HD 60364-4-41:2007; HD 60364-4-41:2007/AC:2007

Asendatud järgmise dokumendiga: EVS-HD 60364-4-41:2017

Muudetud järgmise dokumendiga: EVS-HD 60364-4-41:2007/prA11 arhiiv

Standardi staatus: Kehtetu

### **EVS-HD 60364-7-708:2009**

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

Keel: en, et

Alusdokumendid: IEC 60364-7-708:2007; HD 60364-7-708:2009

Asendatud järgmise dokumendiga: EVS-HD 60364-7-708:2017

Muudetud järgmise dokumendiga: EVS-HD 60364-7-708:2009/prA11

Standardi staatus: Kehtetu

## **93 RAJATISED**

### **EVS-EN 12675:2001**

#### **Traffic signal controllers - Functional safety requirements**

Keel: en

Alusdokumendid: EN 12675:2000

Asendatud järgmise dokumendiga: EVS-EN 12675:2017

Standardi staatus: Kehtetu

### **EVS-EN 13848-5:2008+A1:2010**

#### **Raudteealased rakendused. Rööbastee. Rööbastee geomeetriline kvaliteet. Osa 5: Geomeetrilise kvaliteedi tasemed. Hargnemisteta rada Railway applications - Track - Track geometry quality - Part 5: Geometric quality levels - Plain line CONSOLIDATED TEXT**

Keel: en, et

Alusdokumendid: EN 13848-5:2008+A1:2010

Asendatud järgmise dokumendiga: EVS-EN 13848-5:2017

Standardi staatus: Kehtetu

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

### **EVS-EN 1069-1:2010**

#### **Veeliumäed - 1: Ohutusnõuded ja testimismeetodid Water slides - Part 1: Safety requirements and test methods**

Keel: en

Alusdokumendid: EN 1069-1:2010

Asendatud järgmise dokumendiga: EVS-EN 1069-1:2017

Parandatud järgmise dokumendiga: EVS-EN 1069-1:2010/AC:2012

Standardi staatus: Kehtetu

### **EVS-EN 1069-1:2010/AC:2012**

#### **Veeliumäed - 1: Ohutusnõuded ja testimismeetodid Water slides - Part 1: Safety requirements and test methods**

Keel: en

Alusdokumendid: EN 1069-1:2010/AC:2012

Asendatud järgmise dokumendiga: EVS-EN 1069-1:2017

Standardi staatus: Kehtetu

### **EVS-EN 15034:2006**

#### **Heating boilers - Condensing heating boilers for fuel oil**

Keel: en

Alusdokumendid: EN 15034:2006

Asendatud järgmise dokumendiga: EVS-EN 303-2:2017

Parandatud järgmise dokumendiga: EVS-EN 15034:2006/AC:2008  
Standardi staatus: Kehtetu

### **EVS-EN 15034:2006/AC:2008**

#### **Heating boilers - Condensing heating boilers for fuel oil**

Keel: en

Alusdokumendid: EN 15034:2006/AC:2008

Asendatud järgmise dokumendiga: EVS-EN 303-2:2017

Standardi staatus: Kehtetu

### **EVS-EN 71-14:2014**

#### **Mänguasjade ohutus. Osa 14: Batuudid koduseks kasutamiseks**

#### **Safety of toys - Part 14: Trampolines for domestic use**

Keel: en, et

Alusdokumendid: EN 71-14:2014

Asendatud järgmise dokumendiga: EVS-EN 71-14:2014+A1:2017

Asendatud järgmise dokumendiga: prEN 71-14

Standardi staatus: Kehtetu

### **EVS-EN 71-3:2013+A1:2014**

#### **Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon**

#### **Safety of toys - Part 3: Migration of certain elements**

Keel: en, et

Alusdokumendid: EN 71-3:2013+A1:2014

Asendatud järgmise dokumendiga: EVS-EN 71-3:2013+A2:2017

Standardi staatus: Kehtetu

### **EVS-HD 60364-7-708:2009**

#### **Madalpingelised elektripaigaldised. Osa 7-708: Nõuded eripaigaldistele ja -paikadele.**

#### **Sõidukelamuväljakud, kämpinguväljakud ja muud samalaadsed paigad**

#### **Low-voltage electrical installations - Part 7-708: Requirements for special installations or locations - Caravan parks, camping parks and similar locations**

Keel: en, et

Alusdokumendid: IEC 60364-7-708:2007; HD 60364-7-708:2009

Asendatud järgmise dokumendiga: EVS-HD 60364-7-708:2017

Muudetud järgmise dokumendiga: EVS-HD 60364-7-708:2009/prA11

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 kommenteerimisportaal:

<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

### **EVS-IEC 60050(713):2001/prA2**

#### **Rahvusvaheline elektrotehnika sõnastik. Osa 713: Raadioside: saatjad, vastuvõtjad, võrgud ja eksploatatsioon**

#### **International Electrotechnical Vocabulary (IEV) - Chapter 713: Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998/AMD2:2017)**

Muudatus standardile IEC 60050-713:1998

Keel: en

Muudab dokumenti: EVS-IEC 60050(713):2001

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **prEN 13279-1**

#### **Gypsum binders and gypsum plasters - Part 1: Definitions and requirements**

This European Standard specifies the characteristics and performance of powder products based on gypsum binder for building purposes. This includes premixed gypsum building plasters for plastering of walls and ceilings inside buildings where they are applied as a finishing material which can be decorated. These products are specially formulated to meet their application requirements by the use of additives/admixtures, aggregates and other binders. Gypsum and gypsum based building plasters for manual and mechanical applications are included. This European Standard also applies to gypsum binders both for direct use on site and for further processing into gypsum blocks, gypsum plasterboards, gypsum boards with fibrous reinforcement, gypsum fibrous plasterwork and gypsum ceiling elements. Gypsum mortar for internal not load bearing partitions not exposed to water is also included. Calcium sulfate used as binder for floor screeds is not covered by this European Standard. This European Standard defines the reference tests for technical characteristics and provides for the evaluation of conformity of the products covered by this European Standard. Building lime, as calcium hydroxide, can be used as an additional binder together with gypsum binder. If gypsum binder is the principle active binding component in a plaster then this plaster is covered by this European Standard. If building lime is the principle active binding component in a plaster then the plaster is covered by EN 998-1.

Keel: en

Alusdokumendid: prEN 13279-1

Asendab dokumenti: EVS-EN 13279-1:2008

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **prEN 17161**

#### **Design for All - Accessibility following a Design for All approach in products, goods and services - Extending the range of users**

This document specifies requirements that enable an organization to design, develop and provide products, goods or services so that they can be accessed, understood and used by the widest range of users. This document specifies requirements and recommendations that enables an organization to extend their range of users by identifying diverse needs, characteristics, capabilities, and preferences, by directly or indirectly involving users, and by using knowledge about accessibility in its procedures and processes. This document specifies requirements that can enable an organization to meet applicable statutory and regulatory requirements as related to accessibility of its products, goods or services. The requirements set out in this document are generic and are intended to be applicable to all relevant parts of all organizations, regardless of type, size or products, goods or services provided. This document promotes accessibility following a Design for All approach in mainstream products, goods and services

and interoperability of these with assistive technologies. This document does not provide technical design specifications and does not imply uniformity in design or functionality of products, goods and services.

Keel: en

Alusdokumendid: prEN 17161

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 1748-2-1

#### **Glass in Building - Special basic products - Glass ceramics - Part 2-1: Definitions and general physical and mechanical properties**

This European Standard specifies and classifies special basic products - glass ceramics, indicates their chemical composition, their main physical and mechanical characteristics, their dimensional and minimum quality requirements (in respect of optical and visual faults). This European Standard applies to special basic products - glass ceramics supplied in stock sizes, supplied sizes or in cut sizes for final end use. This European Standard does not apply to final cut sizes having a dimension less than 100 mm or a surface area less than 0,05 m<sup>2</sup>.

Keel: en

Alusdokumendid: prEN 1748-2-1

Asendab dokumenti: EVS-EN 1748-2-1:2004

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 11139

#### **Sterilization of health care products - Vocabulary - Terms used in sterilization and related equipment and process standards (ISO/DIS 11139:2017)**

This International Standard defines terms in the field of sterilization of healthcare products used in the standards developed by ISO/TC 198 "Sterilization of healthcare products", CEN/TC 204 "Sterilization of medical devices", and CEN/TC 102 "Sterilizers and associated equipment for processing of medical devices".

Keel: en

Alusdokumendid: ISO/DIS 11139; prEN ISO 11139

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 4007

#### **Personal protective equipment - Eye and face protection - Vocabulary (ISO/DIS 4007:2017)**

This International Standard includes terms reproduced, with modification if stated, from the standards cited in the Bibliography

Keel: en

Alusdokumendid: ISO/DIS 4007; prEN ISO 4007

Asendab dokumenti: EVS-EN ISO 4007:2012

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

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

### FprEN 9136

#### **Aerospace series - Root cause analysis and problem solving (9S Methodology)**

Propose a methodology to improve the way escapes and issues are managed, including communication between all parties [e.g., engineering, Materials Review Board (MRB), manufacturing, manufacturing engineering, supplier, customer] to reduce their impact, contain them as far upstream as possible, and prevent recurrence (i.e., ensure the right measures are taken at the right location and at the right time).

Keel: en

Alusdokumendid: FprEN 9136

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 50001

#### **Energy management systems - Requirements with guidance for use (ISO/DIS 50001:2017)**

This document specifies requirements for establishing, implementing, maintaining and improving an energy management system, and its aim is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance. This document: a) is applicable to any organization regardless of its type, size, complexity, geographical location, culture, or the products and services it provides; b) is applicable to activities affecting energy performance that are managed and controlled by the organization; c) is applicable irrespective of the types of energy and quantity of energy consumed; d) does not define specific levels of required energy performance improvement, but requires demonstration of continual improvement by determination of energy performance; e) can be used independently, or be aligned or integrated with other management systems. Annex A provides informative guidance on this document. Annex B provides a comparison of this edition to the previous edition, ISO 50001:2011.

Keel: en

Alusdokumendid: ISO/DIS 50001; prEN ISO 50001



## 07 LOODUS- JA RAKENDUSTEADUSED

### prEN ISO 21043-1

#### **Forensic Sciences - Part 1: Terms, definitions and framework (ISO/DIS 21043-1:2017)**

This document defines terms used in the area of forensic science

Keel: en

Alusdokumendid: ISO/DIS 21043-1; prEN ISO 21043-1

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 11 TERVISEHOOLDUS

### prEN 17161

#### **Design for All - Accessibility following a Design for All approach in products, goods and services - Extending the range of users**

This document specifies requirements that enable an organization to design, develop and provide products, goods or services so that they can be accessed, understood and used by the widest range of users. This document specifies requirements and recommendations that enables an organization to extend their range of users by identifying diverse needs, characteristics, capabilities, and preferences, by directly or indirectly involving users, and by using knowledge about accessibility in its procedures and processes. This document specifies requirements that can enable an organization to meet applicable statutory and regulatory requirements as related to accessibility of its products, goods or services. The requirements set out in this document are generic and are intended to be applicable to all relevant parts of all organizations, regardless of type, size or products, goods or services provided. This document promotes accessibility following a Design for All approach in mainstream products, goods and services and interoperability of these with assistive technologies. This document does not provide technical design specifications and does not imply uniformity in design or functionality of products, goods and services.

Keel: en

Alusdokumendid: prEN 17161

Arvamusküsitluse lõppkuupäev: 04.11.2017

### prEN ISO 11139

#### **Sterilization of health care products - Vocabulary - Terms used in sterilization and related equipment and process standards (ISO/DIS 11139:2017)**

This International Standard defines terms in the field of sterilization of healthcare products used in the standards developed by ISO/TC 198 "Sterilization of healthcare products", CEN/TC 204 "Sterilization of medical devices", and CEN/TC 102 "Sterilizers and associated equipment for processing of medical devices".

Keel: en

Alusdokumendid: ISO/DIS 11139; prEN ISO 11139

Arvamusküsitluse lõppkuupäev: 04.11.2017

### prEN ISO 12870

#### **Oftalmiline optika. Prilliraamid. Nõuded ja katsemeetodid Ophthalmic optics - Spectacle frames - Requirements and test methods (ISO 12870:2016)**

This International Standard specifies fundamental requirements for unglazed spectacle frames designed for use with all prescription lenses. It is applicable to frames at the point of sale by the manufacturer or supplier to the retailer. This International Standard is applicable to all spectacle frame types, including rimless mounts, semi-rimless mounts and folding spectacle frames. It is also applicable to spectacle frames made from natural organic materials. NOTE See Annex A for recommendations on the design of spectacle frames. This International Standard is not applicable to complete custom-made spectacle frames or to products designed specifically to provide personal eye protection.

Keel: en

Alusdokumendid: prEN ISO 12870; ISO 12870:2016

Asendab dokumenti: EVS-EN ISO 12870:2014

Arvamusküsitluse lõppkuupäev: 04.10.2017

### prEN ISO 20749:2017

#### **Dentistry - Pre-capsulated dental amalgam (ISO 20749:2017)**

ISO 20749:2017 specifies the requirements and test methods for dental amalgam products supplied to the user in capsules, pre-dosed with dental amalgam alloy and dental mercury in quantities suitable for the creation of a single dental restoration. ISO 20749:2017 specifies the requirements and test methods for dental amalgam alloys that are suitable for the preparation of dental amalgam and the capsule, together with the requirements and test methods for that dental amalgam and the requirements for packaging and marking. ISO 20749:2017 is not applicable to dental amalgam alloys supplied as a free-flowing powder in bulk quantities or as powder compressed into tablets, or to dental mercury supplied in sachets or bulk quantities. This document is not applicable to other metallic materials in which an alloy powder reacts with an alloy that is liquid at ambient temperature to produce

a solid metallic material intended for dental restoration. Specific qualitative and quantitative test methods for demonstrating freedom from unacceptable biological hazard are not included in this document. For the assessment of possible biological hazards, reference can be made to ISO 10993- 1 and ISO 7405. The scope of this document is restricted to dental amalgam products marketed in pre-capsulated form alone. Other products intended for use in the production of dental amalgam restorations (dental amalgam alloy as a free-flowing powder supplied in bulk masses, dental amalgam alloy powder supplied as compressed tablets and dental mercury sachets) are within the scope of ISO 24234.

Keel: en

Alusdokumendid: ISO 20749:2017; prEN ISO 20749:2017

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### EN 54-29:2015/prA1

#### **Fire detection and fire alarm systems - Part 29: Multi-sensor fire detectors - Point detectors using a combination of smoke and heat sensors**

This European Standard specifies requirements, test methods and performance criteria for point-type multi-sensor fire detectors for use in fire detection systems installed in buildings (see EN 54 1:2011), incorporating in one mechanical enclosure at least one optical or ionization smoke sensor and at least one heat sensor. The overall fire detection performance is determined utilizing the combination of the detected phenomena. This European Standard provides for the assessment and verification of constancy of performance (AVCP) of point detectors using a combination of smoke and heat sensors to this EN. Point detectors using a combination of smoke and heat sensors having special characteristics suitable for the detection of specific fire risks are not covered by this European Standard. The performance requirements for any additional functions are beyond the scope of this European Standard (e.g. additional features or enhanced functionality for which this European Standard does not define a test or assessment method). NOTE Certain types of detector contain radioactive materials. The national requirements for radiation protection differ from country to country and they are not specified in this European Standard.

Keel: en

Alusdokumendid: EN 54-29:2015/prA1

Muudab dokumenti: EVS-EN 54-29:2015

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### EN 60335-2-54:2008/prA12:2017

#### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-54: Erinõuded pinnapuhastusseadmetele, mis kasutavad vedelikke või auru**

#### **Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam**

Amendment for EN 60335-2-54:2008

Keel: en

Alusdokumendid: EN 60335-2-54:2008/prA12:2017

Muudab dokumenti: EVS-EN 60335-2-54:2009

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 12873-3

#### **Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins**

This European Standard specifies a procedure to determine the migration of substances from ion exchange, adsorbent or hybrid resin materials for use in contact with water intended for human consumption. Resins comprise synthetic organic macromolecular materials. This standard is applicable to resins of the following types: - ion exchange resins: used to modify the composition of water (e.g. softening by removal of calcium ions). They can be in either an anionic or cationic state; - adsorbent resins: used to lower the concentration of undesirable substances (usually organic pollutants) from water. They are used in a neutral state; - hybrid adsorbents: Organic polymer based ion exchange resin or adsorbent resin with incorporated inorganic (e.g. iron hydroxide) or second organic phase. Used to lower the concentration of undesirable substances (specific inorganic or organic pollutants) from water. They can be in either an anionic, cationic or neutral state.

Keel: en

Alusdokumendid: prEN 12873-3

Asendab dokumenti: EVS-EN 12873-3:2006

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 17161

#### **Design for All - Accessibility following a Design for All approach in products, goods and services - Extending the range of users**

This document specifies requirements that enable an organization to design, develop and provide products, goods or services so that they can be accessed, understood and used by the widest range of users. This document specifies requirements and recommendations that enables an organization to extend their range of users by identifying diverse needs, characteristics, capabilities, and preferences, by directly or indirectly involving users, and by using knowledge about accessibility in its procedures and processes. This document specifies requirements that can enable an organization to meet applicable statutory and regulatory

requirements as related to accessibility of its products, goods or services. The requirements set out in this document are generic and are intended to be applicable to all relevant parts of all organizations, regardless of type, size or products, goods or services provided. This document promotes accessibility following a Design for All approach in mainstream products, goods and services and interoperability of these with assistive technologies. This document does not provide technical design specifications and does not imply uniformity in design or functionality of products, goods and services.

Keel: en

Alusdokumendid: prEN 17161

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### prEN ISO 15011-4

### **Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 4: Fume data sheets (ISO/FDIS 15011-4:2017)**

This document covers health and safety in welding and allied processes. It specifies requirements for determination of the emission rate and chemical composition of welding fume in order to prepare fume data sheets. It applies to all filler materials used for joining or surfacing by arc welding using a manual, partly mechanized or fully automatic process, depositing unalloyed steel, alloyed steel and non-ferrous alloys. Manual metal arc welding, gas-shielded metal arc welding with solid wires, metal-cored and flux-cored wires and arc welding with self-shielded flux-cored wires are included within the scope of this document.

Keel: en

Alusdokumendid: ISO/FDIS 15011-4; prEN ISO 15011-4

Asendab dokumenti: EVS-EN ISO 15011-4:2006

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### prEN ISO 4007

### **Personal protective equipment - Eye and face protection - Vocabulary (ISO/DIS 4007:2017)**

This International Standard includes terms reproduced, with modification if stated, from the standards cited in the Bibliography

Keel: en

Alusdokumendid: ISO/DIS 4007; prEN ISO 4007

Asendab dokumenti: EVS-EN ISO 4007:2012

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

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

#### prEN ISO 17201-1

### **Acoustics - Noise from shooting ranges - Part 1: Determination of muzzle blast by measurement (ISO/DIS 17201-1:2017)**

This part of ISO 17201 specifies a method to determine the acoustic source energy of the muzzle blast for calibres of less than 20 mm or explosive charges of less than 50 g TNT equivalent. It is applicable at distances where peak pressures less than 1 kPa (equivalent to a peak sound pressure level of 154 dB) are observed. The source energy, directivity of the source and their spectral structure determined by this procedure can be used as input data to sound propagation programmes, enabling prediction of shooting noise in the neighbourhood of shooting ranges. Additionally, the data can be used to compare sound emission from different types of guns or different types of ammunition used with the same gun. This part of ISO 17201 is applicable to guns used in civil shooting ranges but it can also be applied to military guns. It is not applicable to the assessment of hearing damage or sound levels in the non-linear region.

Keel: en

Alusdokumendid: ISO/DIS 17201-1; prEN ISO 17201-1

Asendab dokumenti: EVS-EN ISO 17201-1:2005

Asendab dokumenti: EVS-EN ISO 17201-1:2005/AC:2009

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## **19 KATSETAMINE**

#### EN 60068-2-10:2005/prA1

### **Environmental testing - Part 2-10: Tests - Test J and guidance: Mould growth**

Amendment for EN 60068-2-10:2005

Keel: en

Alusdokumendid: IEC 60068-2-10:2005/A1:201X; EN 60068-2-10:2005/prA1

Muudab dokumenti: EVS-EN 60068-2-10:2005

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### EN 60068-2-74:1999/prA1

### **Environmental testing - Part 2: Tests - Test Xc: Fluid contamination**

Amendment for EN 60068-2-74:1999

Keel: en

Alusdokumendid: IEC 60068-2-74:1999/A1:201X; EN 60068-2-74:1999/prA1  
Muudab dokumenti: EVS-EN 60068-2-74:2002

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### **prEN 60068-2-5:2017**

### **Environmental testing - Part 2-5: Tests - Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering**

This part of IEC 60068 specifies the methods of testing of equipment or components under simulated solar radiation conditions. This document is applicable to the equipment and components at the surface of the earth.

Keel: en

Alusdokumendid: IEC 60068-2-5:201X; prEN 60068-2-5:2017

Asendab dokumenti: EVS-EN 60068-2-5:2011

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### **prEN 60721-2-7:2017**

### **Classification of environmental conditions - Part 2: Environmental conditions appearing in nature, Fauna and flora**

This document addresses the occurrence of fauna and flora, including its main effects on electro-technical products. Exposure and damage from the effects of fauna and flora may occur at almost any time in a products life cycle. Moreover, there are many agents of attack with various actions. This document addresses the occurrence and damage arising from fauna and flora in all locations a product may be stored, transported or used. Generally, fauna may be present and cause damage to products in both the natural environments experienced in open-air locations as well as in artificially created environments, such as in a warehouse or building. However, flora will predominantly be present and cause damage to products only in open-air locations. Fungus and bacteria may be present in both open-air locations as well as in warehouses or buildings.

Keel: en

Alusdokumendid: IEC 60721-2-7:201X; prEN 60721-2-7:2017

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## **23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD**

#### **prEN 17150**

### **Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Test method for determination of short term compression strength of boxes**

This European Standard specifies a method for determining short term compression strength on boxes made of thermoplastics materials for non-pressure underground conveyance and storage of non-potable water.

Keel: en

Alusdokumendid: prEN 17150

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### **prEN 17151**

### **Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Test method for determination of long term compression strength of boxes**

This document specifies a test method for determining the long-term compression strength for a specified period on structural boxes made of thermoplastics materials for non-pressure underground conveyance and storage of non-potable water. The document is applicable for boxes which maintain their linear behaviour over the specified period.

Keel: en

Alusdokumendid: prEN 17151

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### **prEN 17152-1**

### **Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Boxes used for infiltration, attenuation and storage systems - Part 1: Specifications for storm water boxes made of PP and PVC**

This document gives the definitions and specifies the minimum requirements for injection moulded, extruded and thermoformed thermoplastics cuboid shaped boxes, including integral components, used in underground systems for infiltration, attenuation and storage of non-potable water (e.g. storm water) and manufactured from unplasticized poly(vinyl chloride) (PVC-U) or polypropylene (PP). NOTE 1 Specifications and design rules for systems (water reservoir) are described in part 2 of EN 17152. Product properties are determined by a combination of material specifications, design and manufacturing process. These boxes are intended for buried underground use, e.g. in landscape, pedestrian or vehicular traffic areas. A box can either be factory assembled or site assembled from different components. These boxes are intended to be used as elements in a modular system where the manufacturer has clearly stated in the documentation how the components are assembled to create a complete infiltration, attenuation or storage construction. NOTE 2 Non load bearing component(s) can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, thermoforming and low-pressure injection moulding.

Keel: en  
Alusdokumendid: prEN 17152-1

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 10460

#### **Gas cylinders - Welded aluminium-alloy, carbon and stainless steel gas cylinders - Periodic inspection and testing (ISO/DIS 10460:2017)**

To expand the scope of ISO 10460:2005 to include requirements for the periodic inspection and testing of welded aluminium alloy and stainless steel cylinders and to refresh the Normative references list in order to bring it up to date. The revision will contain requirements that apply to all cylinder types covered in the scope as well as specific requirements (possibly as Normative Annexes) for particular cylinder material types (e.g. aluminium alloys).

Keel: en  
Alusdokumendid: ISO/DIS 10460; prEN ISO 10460

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 10619-1

#### **Rubber and plastics hoses and tubing - Measurement of flexibility and stiffness - Part 1: Bending tests at ambient temperature (ISO/FDIS 10619-1:2017)**

This document specifies three methods for measuring the flexibility of rubber and plastics hoses and tubing (methods A1, B and C1), where the deformation of the hose or tubing is measured, and two methods for measuring the stiffness (methods A2 and C2) by measuring the force required to bend rubber or plastics hoses or tubing to a specific radius at ambient temperature. Methods A1 and A2 are suitable for rubber and plastics hoses and tubing with inside diameter of up to and including 80 mm. Method A1 allows the measurement of the flexibility of the hose or tubing by measuring the reduction in outside diameter when the hose is compressed between two plates. Method A2 provides a means of measuring the force required to reach a specific bend radius when the hose or tubing is compressed, as between two plates. The test can be carried out at a specified internal pressure. Method B is suitable for rubber and plastics hoses and tubing with inside diameter of up to and including 100 mm, and provides a means of assessing the behaviour of the hose and tubing when bent around a mandrel. The final mandrel diameter used can be taken as the minimum bend radius of the hose or tubing. As this value is determined by the reduction of the outside diameter, it can be used as a measure of the flexibility of the hose or tubing. The hose or tubing being tested can be unpressurized, pressurized or under vacuum and, if required, with the curvature or against the curvature of the hose or tubing, if such curvature is present. Methods C1 and C2 are suitable for rubber and plastics hoses and tubing with inside diameter of 100 mm and greater. Method C1 provides a means of determining the flexibility of the hose and tubing at the minimum bend radius. Method C2 provides a method of measuring the stiffness of the hose and tubing at the minimum bend radius.

Keel: en  
Alusdokumendid: ISO/FDIS 10619-1; prEN ISO 10619-1  
Asendab dokumenti: EVS-EN ISO 10619-1:2011

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 10960

#### **Rubber and plastics hoses - Assessment of ozone resistance under dynamic conditions (ISO/FDIS 10960:2017)**

This document specifies a method of assessing the resistance of hoses to the deleterious effects of atmospheric ozone under dynamic conditions. It is applicable to hoses with bore diameters up to and including 25 mm.

Keel: en  
Alusdokumendid: ISO/FDIS 10960; prEN ISO 10960  
Asendab dokumenti: EVS-EN ISO 10960:1999

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## **25 TOOTMISTEHNOLOGIA**

### prEN 13236

#### **Safety requirements for superabrasive products**

This European Standard only applies to superabrasives products containing natural or synthetic diamond or cBN (cubic boron nitride). It includes precision grinding and cutting-off wheels, non-precision cutting-off wheels, diamond wires, mounted points and other superabrasive products for non-precision grinding. It also applies to reconditioned superabrasive cutting-off wheels. This European Standard specifies requirements and/or measures for the removal or reduction of hazards resulting from the design and application of the superabrasive products. This European Standard contains also procedures and tests for verification of the compliance with the requirements as well as safety information for use which is to be made available to the user by the manufacturer. The hazards taken into consideration are listed in Clause 4. This European Standard does not apply to bonded abrasive products, coated abrasive products, rotating dressing tools, truers nor any non-rotating superabrasive products.

Keel: en  
Alusdokumendid: prEN 13236  
Asendab dokumenti: EVS-EN 13236:2010+A1:2015

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### prEN ISO 15011-4

### Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 4: Fume data sheets (ISO/FDIS 15011-4:2017)

This document covers health and safety in welding and allied processes. It specifies requirements for determination of the emission rate and chemical composition of welding fume in order to prepare fume data sheets. It applies to all filler materials used for joining or surfacing by arc welding using a manual, partly mechanized or fully automatic process, depositing unalloyed steel, alloyed steel and non-ferrous alloys. Manual metal arc welding, gas-shielded metal arc welding with solid wires, metal-cored and flux-cored wires and arc welding with self-shielded flux-cored wires are included within the scope of this document.

Keel: en

Alusdokumendid: ISO/FDIS 15011-4; prEN ISO 15011-4

Asendab dokumenti: EVS-EN ISO 15011-4:2006

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### prEN ISO 2401

### Welding consumables - Covered electrodes - Determination of the efficiency, metal recovery and deposition coefficient (ISO/DIS 2401:2017)

This document specifies methods for the determination of the efficiency, weld metal recovery and deposition coefficient of covered electrodes.

Keel: en

Alusdokumendid: prEN ISO 2401; ISO/DIS 2401:2017

Asendab dokumenti: EVS-EN 22401:1999

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### prEN ISO 5171

### Gas welding equipment - Pressure gauges used in welding, cutting and allied processes (ISO/DIS 5171:2017)

This International Standard specifies requirements for Bourdon-tube pressure gauges normally used with compressed gas systems at pressures up to 30 MPa (300 bar) in welding, cutting and allied processes. It also covers use for dissolved acetylene and for liquefied gases under pressure. It does not cover gauges for acetylene in acetylene-manufacturing plants.

Keel: en

Alusdokumendid: ISO/DIS 5171; prEN ISO 5171

Asendab dokumenti: EVS-EN ISO 5171:2010

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

#### prEN ISO 8251

### Anodizing of aluminium and its alloys - Measurement of abrasion resistance of anodic oxidation coatings (ISO/DIS 8251:2017)

This document specifies the following three tests: a) abrasive-wheel-wear test, determining the abrasion resistance of anodic oxidation coatings with abrasive wheel on flat specimens of aluminium and its alloys; b) abrasive jet test, determining the abrasion resistance of anodic oxidation coatings with jet of abrasive particles on non-flat specimens of aluminium and its alloys; c) falling sand abrasion test, determining the abrasion resistance of anodic oxidation coatings with falling sand on thin anodic oxidation coatings of aluminium and its alloys. The use of abrasive-wheel-wear test and abrasive jet test for coatings produced by hard anodizing is described in ISO 10074.

Keel: en

Alusdokumendid: ISO/DIS 8251; prEN ISO 8251 rev

Asendab dokumenti: EVS-EN ISO 8251:2011

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 27 ELEKTRI- JA SOOJUSENERGEETIKA

#### prEN 60193:2017

### Hydraulic turbines, storage pumps and pump-turbines - Model acceptance tests

This International Standard applies to laboratory models of any type of impulse or reaction hydraulic turbine, storage pump or pump-turbine. This standard applies to models of prototype machines either with unit power greater than 5 MW or with reference diameter greater than 3 m. Full application of the procedures herein prescribed is not generally justified for machines with smaller power and size. Nevertheless, this standard may be used for such machines by agreement between purchaser and supplier. In this standard, the term "turbine" includes a pump-turbine operating as a turbine and the term "pump" includes a pump-turbine operating as a pump. This standard excludes all matters of purely commercial interest, except those inextricably bound up with the conduct of the tests. This standard is concerned with neither the structural details of the machines nor the mechanical properties of their components, so long as these do not affect model performance or the relationship between model and prototype performances. This International Standard covers the arrangements for model acceptance tests to be performed on hydraulic turbines, storage pumps and pump-turbines to determine if the main hydraulic performance contract guarantees (see 4.2) have been satisfied. It contains the rules governing test conduct and prescribes measures to be taken if any phase of the tests is disputed.



Keel: en  
Alusdokumendid: IEC 60193:201X; prEN 60193:2017  
Asendab dokumenti: EVS-EN 60193:2002

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 50001

#### **Energy management systems - Requirements with guidance for use (ISO/DIS 50001:2017)**

This document specifies requirements for establishing, implementing, maintaining and improving an energy management system, and its aim is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance. This document: a) is applicable to any organization regardless of its type, size, complexity, geographical location, culture, or the products and services it provides; b) is applicable to activities affecting energy performance that are managed and controlled by the organization; c) is applicable irrespective of the types of energy and quantity of energy consumed; d) does not define specific levels of required energy performance improvement, but requires demonstration of continual improvement by determination of energy performance; e) can be used independently, or be aligned or integrated with other management systems. Annex A provides informative guidance on this document. Annex B provides a comparison of this edition to the previous edition, ISO 50001:2011.

Keel: en  
Alusdokumendid: ISO/DIS 50001; prEN ISO 50001  
Asendab dokumenti: EVS-EN ISO 50001:2011

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 29 ELEKTROTEHNIKA

### EN 60188:2001/prAA:2017

#### **High-pressure mercury vapour lamps - Performance specifications**

No scope available

Keel: en  
Alusdokumendid: EN 60188:2001/prAA:2017  
Muudab dokumenti: EVS-EN 60188:2002

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### EN 60662:2012/prAA:2017

#### **High-pressure sodium vapour lamps - Performance specifications**

No scope available

Keel: en  
Alusdokumendid: EN 60662:2012/prAA:2017  
Muudab dokumenti: EVS-EN 60662:2012

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### EN 60669-2-1:2004/prA2:2015/FprAA:2017

#### **Kohtkindlate majapidamis- ja muude taoliste elektripaigaldiste lülitid. Osa 2: Erinõuded. Jagu 1: Elektronlülitid**

#### **Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches**

Common amendment for EN 60669-2-1:2004/FprA2:2013

Keel: en  
Alusdokumendid: EN 60669-2-1:2004/prA2:2015/FprAA:2017  
Muudab dokumenti: EN 60669-2-1:2004/FprA2:2013

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### FprEN 4731

#### **Aerospace series - Spectral quality of LED luminaires used with photoluminescent marking systems**

This European Standard defines a measure for the spectral quality of LED luminaires in terms of the ratio of the amount of visual light emitted by the luminaire versus the amount effective for charging photoluminescent products contained in that spectrum. Fulfilment of this European Standard by a LED luminaire will ensure general compatibility of the luminaire with photoluminescent marking systems. This European Standard alone does not provide any means of compliance to fulfil any airworthiness requirements. For a specific aircraft installation, the spectral power distribution and illuminance at the photoluminescent marking systems are relevant.

Keel: en  
Alusdokumendid: FprEN 4731

**Arvamusküsitluse lõppkuupäev: 04.11.2017**



### **FprEN 50588-2**

#### **Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 2: Transformers with cable boxes on the high-voltage and/or low-voltage side - General requirements for transformers with rated power less than or equal to 3 150 kVA**

To ensure consistency between requirements in EN 50464-2-1:2007 and EN 50588-1:2017

Keel: en

Alusdokumendid: FprEN 50588-2

Asendab dokumenti: EVS-EN 50464-2-1:2007

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **FprEN 50588-3**

#### **Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 3: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 1 for use on transformers meeting the requirements of EN 50588-2**

To ensure consistency between requirements in EN 50464-2-2:2007 and EN 50588-1:2017

Keel: en

Alusdokumendid: FprEN 50588-3

Asendab dokumenti: EVS-EN 50464-2-2:2007

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **FprEN 50588-4**

#### **Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2**

To ensure consistency between requirements in EN 50464-2-3:2007 and EN 50588-1:2017

Keel: en

Alusdokumendid: FprEN 50588-4

Asendab dokumenti: EVS-EN 50464-2-3:2007

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **prEN 60156:2017**

#### **Insulating liquids - Determination of the breakdown voltage at power frequency - Test method**

This International Standard specifies the method for determining the dielectric breakdown voltage of insulating liquids at power frequency. The test procedure is performed in a specified apparatus, where the sample oil is subjected to an increasing AC electrical field until breakdown occurs. The method applies to all types of insulating liquids of nominal viscosity up to 350 mm<sup>2</sup>/s at 40°C. It is appropriate both for acceptance testing on unused liquids at the time of their delivery and for establishing the condition of samples taken in monitoring and maintenance of equipment.

Keel: en

Alusdokumendid: IEC 60156:201X; prEN 60156:2017

Asendab dokumenti: EVS-EN 60156:2003

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **prEN 60255-187-1:2017**

#### **Measuring relays and protection equipment - Part 187-1: Functional requirements for restrained and unrestrained differential protection of motors, generators and transformers**

The object of this standard is to specify the minimum requirements for functional and performance evaluation of (longitudinal) differential protection designed for the detection of faults in ac motors, generators and transformers. This standard also defines how to document and publish performance test results. This standard covers the differential protection function whose operating characteristic can be defined on a bias-differential plane and includes specification of the protection function, measurement characteristics, compensation of energizing quantities, additional restraint or blocking methods (for over-excitation and magnetising inrush), starting and time delay characteristics. The standard also covers unrestrained differential protection functions traditionally combined with the restrained (biased) differential element to form a single differential relay. The standard defines the influencing factors that affect the accuracy under steady state conditions and performance characteristics during dynamic conditions. The test methodologies for verifying performance characteristics and accuracy are also included in this standard.

Keel: en

Alusdokumendid: IEC 60255-187-1:201X; prEN 60255-187-1:2017

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 31 ELEKTROONIKA

### prEN 63011-3:2017

#### **Integrated circuits - Three dimensional integrated circuits - Part 3: A model and measurement conditions of through silicon via**

This International Standard / This part of IEC 63011-3 specifies a reference model of Through Silicon Via (TSV) electrical characteristics required for an interface design in Three Dimensional Integrated Circuit (3DIC) to transmit and receive digital data and measurement conditions for resistance and capacitance to specify TSV characteristics in 3DIC. 3DIC specification covered by this document are; Application: digital consumer and mobile, Operating voltage: 0.1v - 5.0v, Operating frequency: less than 2.0GHz. This document does not describe the equipment for the measurement. Fig. 1 describes a typical case of multi-chip interconnect system discussed in this document.

Keel: en

Alusdokumendid: IEC 63011-3:201X; prEN 63011-3:2017

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 33 SIDETEHNIKA

### EN 302 567 V2.1.1

#### **Lairiba raadiojuurdepääsuvõrgud (BRAN).Raadiosagedusalas 60 GHz töötavad WAS/RLAN süsteemid. Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel Multiple-Gigabit/s radio equipment operating in the 60 GHz band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU**

The present document specifies technical characteristics and methods of measurements for radio equipment with integral antennas operating indoor or outdoor at data rates of multiple-gigabit per second in the 60 GHz frequency range. These radio equipments operate with very wideband communications using a variety of directional medium and high gain antennas to enable a high degree of spectrum reuse, and may use a flexible bandwidth scheme under which they normally operate in a wideband mode, and periodically reduce their bandwidth (e.g. for antenna training and other activities). The technical characteristics of applications using these radio equipments are further described in ETSI TR 102 555 [i.1]. Equipment in this frequency range intended for outdoor Fixed Local Area Network Extension (FLANE) or Fixed Point-to-Point applications are not in the scope of the present document. These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 57 GHz to 66 GHz Receive 57 GHz to 66 GHz The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.6] under the conditions identified in annex A.

Keel: en

Alusdokumendid: EN 302 567 V2.1.1

Arvamusküsitluse lõppkuupäev: 04.11.2017

### EN 303 348 V1.1.2

#### **Magnetkontuur-süsteemid, mille eesmärk on kuulmispuude abi raadiosagedusalas 10 Hz kuni 9 kHz; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel Induction loop systems intended to assist the hearing impaired in the frequency range 10 Hz to 9 kHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU**

The present document specifies technical characteristics and methods of measurements for audio frequency induction loop amplifiers and receivers operating from 10 Hz to 9 kHz used in audio frequency induction loop systems (AFILS). NOTE: The object of an AFILS is to transmit an audio signal to people with hearing difficulties. The receiver in this case is normally a hearing aid with a built in telecoil. These radio equipment types are capable of operating in the frequency band within the 10 Hz to 9 kHz range: • either with an output connection(s) and dedicated loop(s) or with an internal loop(s); • for audio frequency baseband transmission (un-modulated and without the use of a carrier). The present document covers fixed induction loop amplifiers, mobile induction loop amplifiers and portable induction loop amplifiers. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en

Alusdokumendid: EN 303 348 V1.1.2

Arvamusküsitluse lõppkuupäev: 04.11.2017

### EVS-IEC 60050(713):2001/prA2

#### **Rahvusvaheline elektrotehnika sõnastik. Osa 713: Raadioside: saatjad, vastuvõtjad, võrgud ja ekspluatatsioon**

#### **International Electrotechnical Vocabulary (IEV) - Chapter 713: Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998/AMD2:2017)**

Muudatus standardile IEC 60050-713:1998

Keel: en

Muudab dokumenti: EVS-IEC 60050(713):2001

Arvamusküsitluse lõppkuupäev: 04.11.2017

## prEN 60268-3:2017

### Sound system equipment - Part 3: Amplifiers

This part of IEC 60268 applies to analogue amplifiers, and the analogue parts of analogue/digital amplifiers, which form part of a sound system for professional or household applications. It specifies the characteristics which should be included in specifications of amplifiers and the corresponding methods of measurement. NOTE The methods of measurement for digital amplifiers and similar equipment are given in IEC 61606 [4]1. In general, the specified methods of measurement are those which are seen to be most directly related to the characteristics. This does not exclude the use of other methods which give equivalent results. In general, the methods are based on the simplest measuring equipment which can provide useful results. This does not exclude the use of more complex equipment which can give higher accuracy and/or allow automatic measurement and recording of results. Rated conditions and standard measuring conditions are specified in order to allow measurements to be reliably repeated.

Keel: en

Alusdokumendid: IEC 60268-3:201X; prEN 60268-3:2017

Asendab dokumenti: EVS-EN 60268-3:2013

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 35 INFOTEHNOLOOGIA

## prEN 62056-8-4:2017

### Electricity metering data exchange - The DLMS/COSEM suite - Part 8-4: Communication profiles for narrow-band OFDM PLC PRIME neighbourhood networks

This International Standard specifies DLMS/COSEM communication profiles for narrow-band OFDM power line carrier PRIME neighbourhood networks using the modulation as specified in Recommendation ITU-T G.9904:2012. Three communication profiles are specified: • a profile using the IEC 61334-4-32 LLC layer; • a profile using TCP-UDP/IPv4; • a profile using TCP-UDP/IPv6.

Keel: en

Alusdokumendid: IEC 62056-8-4:201X; prEN 62056-8-4:2017

Arvamusküsitluse lõppkuupäev: 04.11.2017

## prEN ISO 14906

### Electronic fee collection - Application interface definition for dedicated short-range communication (ISO/DIS 14906:2017)

This document specifies the application interface in the context of electronic fee collection (EFC) systems using the dedicated short-range communication (DSRC). The EFC application interface is the EFC application process interface to the DSRC application layer, as can be seen in Figure 1 below. This document comprises specifications of: - EFC attributes (i.e. EFC application information) that can also be used for other applications and/or interfaces, - the addressing procedures of EFC attributes and (hardware) components (e.g. ICC and MMI), - EFC application functions, i.e. further qualification of actions by definitions of the concerned services, assignment of associated ActionType values and content and meaning of action parameters, - the EFC transaction model, which defines the common elements and steps of any EFC transaction, - the behaviour of the interface so as to ensure interoperability on an EFC-DSRC application interface level.

Keel: en

Alusdokumendid: ISO/DIS 14906; prEN ISO 14906

Asendab dokumenti: EVS-EN ISO 14906:2011

Asendab dokumenti: EVS-EN ISO 14906:2011/A1:2015

Asendab dokumenti: EVS-EN ISO 14906:2011/AC:2013

Arvamusküsitluse lõppkuupäev: 04.11.2017

## prEN ISO 19107

### Geographic information - Spatial schema (ISO/DIS 19107:2017)

This International Standard specifies conceptual schemas for describing the spatial characteristics of geographic entities, and a set of spatial operations consistent with these schemas. It treats "vector" geometry and topology. It defines standard spatial operations for use in access, query, management, processing and data exchange of geographic information for spatial (geometric and topological) objects. Because of the nature of geographic information, these geometric coordinate spaces will normally have up to three spatial dimensions, one temporal dimension and any number of other spatially dependent parameters as needed by the applications. In general, the topological dimension of the spatial projections of the geometric objects will be at most three.

Keel: en

Alusdokumendid: ISO/DIS 19107; prEN ISO 19107

Asendab dokumenti: EVS-EN ISO 19107:2005

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 45 RAUDTEETEHNIKA

## prEN 15355

### Railway applications - Braking - Distributor valves and distributor-isolating devices

This draft European Standard applies to distributor valves and distributor-isolating devices. The distributor valves contained in this European Standard are of graduated release type. Direct release types are not included. Functionally they are regarded as not

containing relay valves of any type, even if the relay valves are physically an integral part of the distributor valves. This European Standard applies to both distributor-isolating devices mounted separate from the distributor valve and distributor-isolating devices integral with the distributor valve. This European Standard specifies the requirements for the design, testing and quality assurance of distributor valves and distributor-isolating devices. The distributor valve and distributor-isolating device are intended to be part of a brake system mounted in a vehicle with maximum length of 31 m and maximum brake pipe volume of 25 l taking into consideration brake pipe inner diameters between 25 mm and 32 mm.

Keel: en

Alusdokumendid: prEN 15355

Asendab dokumenti: EVS-EN 15355:2008+A1:2010

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 49 LENNUNDUS JA KOSMOSETEHNIKA

### FprEN 2566

#### **Aerospace series - Fluorocarbon rubber (FKM) - Hardness 70 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM)1, hardness 70 IRHD, for aerospace applications.

Keel: en

Alusdokumendid: FprEN 2566

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### FprEN 2567

#### **Aerospace series - Fluorocarbon rubber (FKM) - Hardness 80 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM)1, hardness 80 IRHD, for aerospace applications.

Keel: en

Alusdokumendid: FprEN 2567

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### FprEN 2568

#### **Aerospace series - Fluorocarbon rubber (FKM) - Hardness 90 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM)1, hardness 90 IRHD, for aerospace applications.

Keel: en

Alusdokumendid: FprEN 2568

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### FprEN 2795

#### **Aerospace series - Fluorocarbon rubber (FKM) - Low compressions set - Hardness 50 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM)1, low compression set, hardness 50 IRHD, for aerospace applications.

Keel: en

Alusdokumendid: FprEN 2795

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### FprEN 2796

#### **Aerospace series - Fluorocarbon rubber (FKM) - Low compressions set - Hardness 60 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM) 1), low compression set, hardness 60 IRHD, for aerospace applications. 1) Symbol as per ISO 1629.

Keel: en

Alusdokumendid: FprEN 2796

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### FprEN 2797

#### **Aerospace series - Fluorocarbon rubber (FKM) - Low compressions set - Hardness 70 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM), low compression set, hardness 70 IRHD, for aerospace applications.

Keel: en

Alusdokumendid: FprEN 2797

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### FprEN 2798

#### **Aerospace series - Fluorocarbon rubber (FKM) - Low compressions set - Hardness 80 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM) , low compression set, hardness 80 IRHD, for aerospace applications.

Keel: en

Alusdokumendid: FprEN 2798

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **FprEN 2799**

#### **Aerospace series - Fluorocarbon rubber (FKM) - Low compressions set - Hardness 90 IRHD**

This European Standard specifies the properties of fluorocarbon rubber (FKM) , low compression set, hardness 90 IRHD, for aerospace applications.

Keel: en

Alusdokumendid: FprEN 2799

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **FprEN 3475-411**

#### **Aerospace series - Cables, electrical, aircraft use - Test methods - Part 411: Resistance to fluids**

This European Standard specifies two methods of determining the fluid resistance of a finished cable. Method 1: occasional contamination. Method 2: contamination test. It shall be used together with EN 3475-100 and EN 3909.

Keel: en

Alusdokumendid: FprEN 3475-411

Asendab dokumenti: EVS-EN 3475-411:2014

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **FprEN 4731**

#### **Aerospace series - Spectral quality of LED luminaires used with photoluminescent marking systems**

This European Standard defines a measure for the spectral quality of LED luminaires in terms of the ratio of the amount of visual light emitted by the luminaire versus the amount effective for charging photoluminescent products contained in that spectrum. Fulfilment of this European Standard by a LED luminaire will ensure general compatibility of the luminaire with photoluminescent marking systems. This European Standard alone does not provide any means of compliance to fulfil any airworthiness requirements. For a specific aircraft installation, the spectral power distribution and illuminance at the photoluminescent marking systems are relevant.

Keel: en

Alusdokumendid: FprEN 4731

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **FprEN 9136**

#### **Aerospace series - Root cause analysis and problem solving (9S Methodology)**

Propose a methodology to improve the way escapes and issues are managed, including communication between all parties [e.g., engineering, Materials Review Board (MRB), manufacturing, manufacturing engineering, supplier, customer] to reduce their impact, contain them as far upstream as possible, and prevent recurrence (i.e., ensure the right measures are taken at the right location and at the right time).

Keel: en

Alusdokumendid: FprEN 9136

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## **53 TÖSTE- JA TEISALDUS-SEADMED**

### **EN 1459-2:2015/prA1**

#### **Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing variable-reach trucks**

This European Standard specifies the general safety requirements of slewing variable-reach rough-terrain trucks (here-after referred to as trucks), consisting of a lower chassis with a slewing upper structure equipped with a telescopic lifting means (pivoted boom), on which a load handling device (e.g. carriage and fork arms) is typically fitted. Fork arms are covered by this European Standard and considered to be parts of the truck. This European Standard deals with all significant hazards, hazardous situations and events relevant to the trucks when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A) with the exception of hazards listed in 1.3 and 1.4. This European Standard does not apply to: - variable-reach rough terrain trucks covered by prEN 1459-1 (non-slewing); - industrial variable-reach trucks covered by prEN ISO 3691 2; - lorry-mounted variable-reach trucks; - variable reach trucks fitted with tilting or elevating operator position; - mobile cranes covered by EN 13000; - machines designed primarily for earth moving, such as loaders and dozers, even if their buckets and blades are replaced with forks (see EN 474 series); - trucks designed primarily with variable length load suspension elements (e.g., chain, ropes) from which the load may swing freely in all directions; - trucks designed primarily for container handling; - trucks on tracks; - attachments (prEN 1459-5). This European Standard does not address hazards linked to: - hybrid

power systems; - gas power system; - trucks equipped with gasoline engine; - battery power system; - tractor specific devices (e.g. PTO). This European Standard does not address hazards which may occur when: a) handling suspended loads which may swing freely (additional requirements are given in prEN 1459-4); b) using trucks on public roads; c) operating in potentially explosive atmospheres; d) operating underground; e) when towing trailers; f) fitted with a personnel work platform (additional requirements are given in EN 1459-3).

Keel: en

Alusdokumendid: EN 1459-2:2015/prA1

Muudab dokumenti: EVS-EN 1459-2:2015

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **EN 474-1:2006+A4:2013/prA6**

#### **Earth-moving machinery - Safety - Part 1: General requirements**

This European Standard specifies the general safety requirements for earth-moving machinery ) described in EN ISO 6165:2006, except rollers and horizontal directional drill. NOTE 1 Rollers are covered by EN 500. NOTE 2 Horizontal directional drills are covered by EN 791. This European Standard also applies to derivative machinery (see 3.1.2) designed primarily for use with equipment to loosen, pick-up, move, transport, distribute and grade earth and rock. This European Standard gives the common safety requirements for earth-moving machinery families and is intended to be used in conjunction with one of the EN 474 parts 2 to 12. These machine specific parts (EN 474-2 to -12) do not repeat the requirements from "EN 474-1:2006+A1:2009", but add or replace the requirements for the family in question. NOTE 3 The requirements specified in this part of the standard are common to two or more families of earth- moving machinery. This part gives specific requirements for demolition machinery. ( Specific requirements in EN 474 parts 2 to 12 take precedence over the respective requirements of "EN 474-1:2006+A1:2009". For multipurpose machinery the parts of the standard that cover the specific functions and applications have to be used e.g. a compact loader also used as a trencher shall use the relevant requirements of EN 474 parts 1, 3 and 10. The standard also covers general requirements for attachments intended to be used with earth moving machine families covered in the scope. "Except for part 12 this European Standard does not deal" with the electrical hazards related to the main circuits and drives of machinery when the principal source of energy is electrical. This European Standard does not deal with towing of trailers." This European Standard deals with all significant hazards, hazardous situations and events relevant to earth-moving machinery, when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This European Standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards, hazardous situations and events during commissioning, operation and maintenance of earth-moving machinery. This European Standard is not applicable to earth moving machines, which are manufactured before the date of publication of this European Standard by CEN.

Keel: en

Alusdokumendid: EN 474-1:2006+A4:2013/prA6

Muudab dokumenti: EVS-EN 474-1:2007+A4:2013

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### **prEN 16842-9**

#### **Powered industrial trucks - Visibility - Test method for verification - Part 9: Order-picking, lateral- and front-stacking trucks with elevating operator position**

This standard specifies the requirements and test procedures for 360° visibility of order-picking trucks and lateral- and front-stacking trucks with elevating operator position with a sit-on or stand-on operator in accordance with ISO 5053-1 and is to be used in conjunction with EN 16842-1. This standard does not apply to: - driving with elevated operator position above 500 mm. Where specific requirements are contained in EN 16842-9 they take precedence over the general requirements of EN 16842-1.

Keel: en

Alusdokumendid: prEN 16842-9

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## **55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID**

### **prEN ISO 17480**

#### **Packaging - Accessible design - Ease of opening (ISO 17480:2015)**

ISO 17480:2015 specifies requirements and recommendations for the accessible design for packaging with a focus on ease of opening. It applies to reclosable and non-reclosable consumer packaging without using any other mechanical means. This International Standard covers the design aspects addressing openability including opening location, opening methods, as well as evaluation techniques, both instrumented and user-based. This International Standard is primarily for designers, developers, and evaluators of packaging and will also be useful for other disciplines. For products regulated for safety or other reasons (e.g. toxic or dangerous goods and substances, medicinal products, and medical devices), those regulations take precedence.

Keel: en

Alusdokumendid: ISO 17480:2015; prEN ISO 17480

Asendab dokumenti: CEN/TS 15945:2011

**Arvamusküsitluse lõppkuupäev: 04.11.2017**



## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

### prEN ISO 1833-6

#### Textiles - Quantitative chemical analysis - Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell with certain other fibres (method using formic acid and zinc chloride) (ISO/DIS 1833-6:2017)

This part of ISO 1833 specifies a method, using a mixture of formic acid and zinc chloride, to determine the mass percentage of viscose, certain types of cupro, modal or lyocell, after removal of nonfibrous matter, in textiles made of mixtures of -viscose, certain types of cupro, modal or lyocell, with -cotton, polypropylene, elastolefin and melamine. IMPORTANT If a cupro or modal or lyocell fibre is found to be present, a preliminary test is carried out to see whether it is soluble in the reagent. The method is not applicable to mixtures in which the cotton has suffered extensive chemical degradation, nor when the viscose, cupro, modal or lyocell fibre is rendered incompletely soluble by the presence of certain permanent finishes or reactive dyes that cannot be removed completely.

Keel: en

Alusdokumendid: ISO/DIS 1833-6; prEN ISO 1833-6

Asendab dokumenti: EVS-EN ISO 1833-6:2010

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 65 PÖLLUMAJANDUS

### prEN 17088

#### Side curtains ventilation systems - Safety

This European standard specifies the standardisation of side curtain ventilation systems supplied for environmental control, installed on farm buildings, that use a barrier made from a flexible foil or fabric which move via a rolling or folding action, or rigid panels that slide; as far as safety aspects, performance and sustainability issues are concerned. Included are machines that operate using the potential energy stored by the earlier application of human or animal force, such as stretched springs.

Keel: en

Alusdokumendid: prEN 17088

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 67 TOIDUAINETE TEHNOLOOGIA

### prEN 12873-3

#### Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins

This European Standard specifies a procedure to determine the migration of substances from ion exchange, adsorbent or hybrid resin materials for use in contact with water intended for human consumption. Resins comprise synthetic organic macromolecular materials. This standard is applicable to resins of the following types: - ion exchange resins: used to modify the composition of water (e.g. softening by removal of calcium ions). They can be in either an anionic or cationic state; - adsorbent resins: used to lower the concentration of undesirable substances (usually organic pollutants) from water. They are used in a neutral state; - hybrid adsorbents: Organic polymer based ion exchange resin or adsorbent resin with incorporated inorganic (e.g. iron hydroxide) or second organic phase. Used to lower the concentration of undesirable substances (specific inorganic or organic pollutants) from water. They can be in either an anionic, cationic or neutral state.

Keel: en

Alusdokumendid: prEN 12873-3

Asendab dokumenti: EVS-EN 12873-3:2006

Arvamusküsitluse lõppkuupäev: 04.11.2017

### prEN ISO 10399

#### Sensory analysis - Methodology - Duo-trio test (ISO/FDIS 10399:2017)

This document specifies a procedure for determining whether a perceptible sensory difference or similarity exists between samples of two products. The method is a forced-choice procedure. The method is applicable whether a difference exists in a single sensory attribute or in several attributes. The method is statistically less efficient than the triangle test (described in ISO 4120) but is easier to perform by the assessors. The method is applicable even when the nature of the difference is unknown (i.e. it determines neither the size nor the direction of difference between samples, nor is there any indication of the attribute(s) responsible for the difference). The method is applicable only if the products are fairly homogeneous. The method is effective for a) determining that 1) either a perceptible difference results (duo-trio testing for difference), or 2) a perceptible difference does not result (duo-trio testing for similarity) when, for example, a change is made in ingredients, processing, packaging, handling or storage, and b) for selecting, training and monitoring assessors. Two forms of the method are described: — the constant-reference technique, used when one product is familiar to the assessors (e.g. a sample from regular production); — the balanced-reference technique, used when one product is not more familiar than the other.

Keel: en

Alusdokumendid: ISO/FDIS 10399; prEN ISO 10399

Asendab dokumenti: EVS-EN ISO 10399:2010

Arvamusküsitluse lõppkuupäev: 04.11.2017



## 71 KEEMILINE TEHNOLOOGIA

### prEN 17156

#### **Cosmetics - Analytical methods - LC/UV method for the identification and quantitative determination in cosmetic products of the 22 organic UV filters in use in the EU**

This European standard specifies an analytical method, based on liquid-chromatography (LC) with ultraviolet/visible spectrometry (UV/Vis) detection for the detection and quantitative determination of the currently 22 organic UV filters in use in the EU framework. This method has been validated for emulsion-based cosmetic products, lip-balms, lotions and waters.

Keel: en

Alusdokumendid: prEN 17156

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 75 NAFTA JA NAFTATEHNOLOOGIA

### EN 15940:2016/prA1:2017

#### **Automotive fuels - Paraffinic diesel fuel from synthesis or hydrotreatment - Requirements and test methods**

This European Standard describes requirements and test methods for marketed and delivered paraffinic diesel fuel containing a level of up to 7,0 % (V/V) fatty acid methyl ester (FAME). It is applicable to fuel for use in diesel engines and vehicles compatible with paraffinic diesel fuel. It defines two classes of paraffinic diesel fuel: high cetane and normal cetane. Paraffinic diesel fuel originates from synthesis or hydrotreatment processes. NOTE 1 For general diesel engine warranty, paraffinic automotive diesel fuel may need a validation step, which for some existing engines may still need to be done (see also the Introduction to this document). The vehicle manufacturer needs to be consulted before use. NOTE 2 For the purposes of this document, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction.

Keel: en

Alusdokumendid: EN 15940:2016/prA1:2017

Muudab dokumenti: EVS-EN 15940:2016

Arvamusküsitluse lõppkuupäev: 04.11.2017

### EN 16709:2015/prA1:2017

#### **Automotive fuels - High FAME diesel fuel (B20 and B30) - Requirements and test methods**

This European Standard specifies requirements and test methods for marketed and delivered high FAME (B20 and B30) diesel fuel for use in diesel engine vehicles designed or subsequently adapted to run on high FAME (B20 and B30) fuel. High FAME (B20 and B30) diesel fuel is a mixture of up to 20 % (V/V) in total and up to 30 % (V/V) in total respectively fatty acid methyl esters (commonly known as FAME) complying to EN 14214 and automotive diesel fuel complying to EN 590. For maintenance and control reasons high FAME (B20 and B30) diesel fuel is to be used in captive fleets that are intended to have an appropriate fuel management (see Clause 3). NOTE 1 For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction. NOTE 2 In this European Standard, A-deviations apply (see Annex A).

Keel: en

Alusdokumendid: EN 16709:2015/prA1:2017

Muudab dokumenti: EVS-EN 16709:2015

Arvamusküsitluse lõppkuupäev: 04.11.2017

### EN 16734:2016/prA1:2017

#### **Automotive fuels - Automotive B10 diesel fuel - Requirements and test methods**

This European Standard specifies requirements and test methods for marketed and delivered automotive B10 diesel fuel, i.e. diesel fuel containing up to 10,0 % (V/V) Fatty Acid Methyl Ester. It is applicable to fuel for use in diesel engine vehicles compatible with automotive B10 diesel fuel. NOTE 1 This product is allowed in Europe [5], but national legislation can set additional requirements or rules concerning, or even prohibiting, marketing or delivering of the product. See for instance [8]. NOTE 2 In this European Standard, A-deviations apply (see Annex B). NOTE 3 For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction.

Keel: en

Alusdokumendid: EN 16734:2016/prA1:2017

Muudab dokumenti: EVS-EN 16734:2016

Arvamusküsitluse lõppkuupäev: 04.11.2017

### prEN ISO 19277

#### **Petroleum, petrochemical and natural gas industries - Qualification testing and acceptance criteria for protective coating systems under insulation (ISO/DIS 19277:2017)**

This document describes various corrosion under insulation (CUI) environments in refineries and other related industries and environments, establishes CUI environmental categories including operating temperature ranges from -196 °C to 450 °C. This document specifies both established and other test methods for the assessment of coatings used for prevention of CUI for each given environment. This International Standard also provides acceptance criteria for each CUI environment. For service or peak

temperatures below -100 °C an optional cryogenic test can be incorporated and for over 450 °C testing acceptance criteria can be agreed between interested parties. Additional or other test and acceptance measures are possible, but require particular agreement between the interested parties. This document does not cover the use of sacrificial coatings such as inorganic zinc as these coatings can be consumed quickly in wet environments. Developing accelerated corrosion testing for what can be continuous wet service with sacrificial coatings is beyond the scope of this document. Further, "non-through porosity" thermal spray aluminium coatings typically greater than 250 µm dry film thickness can be tested in accordance with this document.

Keel: en

Alusdokumendid: ISO/DIS 19277; prEN ISO 19277

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 19903

#### **Petroleum and natural gas industries - Concrete offshore structures (ISO/DIS 19903:2017)**

This document specifies requirements and provides recommendations applicable to fixed, floating and grounded concrete offshore structures for the petroleum and natural gas industries and for structures supporting nationally important power generation, transmission or distribution facility. This document specifically addresses: a) the design, construction, transportation and installation of new structures, including requirements for in-service inspection and possible removal of structures; b) the assessment of structures in service; c) the assessment of structures for reuse at other locations. This document is intended to cover the engineering processes needed for the major engineering disciplines to establish a facility for offshore operation.

Keel: en

Alusdokumendid: ISO/DIS 19903; prEN ISO 19903

Asendab dokumenti: EVS-EN ISO 19903:2007

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 77 METALLURGIA

### prEN 13658-1

#### **Metal lath and beads - Definitions, requirements and test methods - Part 1: Internal plastering**

This European Standard specifies the requirements and test methods of metal lath and beads for internal plastering. This European Standard covers metal lath intended to be used for fixing to structures or solid backgrounds to provide a key to hold the plaster in position. Metal lath is used vertically to support linings for walls, partitions and columns and horizontally to support linings for ceilings and beams. Used in this way it enables fire protecting plastering systems to be provided. This European Standard covers metal beads intended to be used to improve the protection of corners and also provide features to the internal finish of the construction as well as metal beads intended to be used as depth gauge beads and movement or expansion beads. They also contribute to fire protection.

Keel: en

Alusdokumendid: prEN 13658-1

Asendab dokumenti: EVS-EN 13658-1:2005

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 13658-2

#### **Metal lath and beads - Definitions, requirements and test methods - Part 2: External rendering**

This European Standard specifies the requirements and test methods of metal lath and beads for external rendering. This European Standard covers metal lath intended to be used for fixing to structures or solid backgrounds to provide a key to hold the plaster in position. Used in this way it enables fire protecting plastering systems to be provided. This European Standard covers metal beads intended to be used to improve the protection of external angles and also provide features to the external finish of the construction and which can also be used as movement or expansion beads. They also contribute to fire protection.

Keel: en

Alusdokumendid: prEN 13658-2

Asendab dokumenti: EVS-EN 13658-2:2005

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 81 KLAASI- JA KERAAMIKA-TÖÖSTUS

### prEN 1748-2-1

#### **Glass in Building - Special basic products - Glass ceramics - Part 2-1: Definitions and general physical and mechanical properties**

This European Standard specifies and classifies special basic products - glass ceramics, indicates their chemical composition, their main physical and mechanical characteristics, their dimensional and minimum quality requirements (in respect of optical and visual faults). This European Standard applies to special basic products - glass ceramics supplied in stock sizes, supplied sizes or in cut sizes for final end use. This European Standard does not apply to final cut sizes having a dimension less than 100 mm or a surface area less than 0,05 m<sup>2</sup>.

Keel: en

Alusdokumendid: prEN 1748-2-1

Asendab dokumenti: EVS-EN 1748-2-1:2004

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## prEN 1748-2-2

### Glass in building - Special basic products - Glass ceramics - Part 2-2: Product standard

This European standard covers the evaluation of conformity and the factory production control of basic glass ceramics for use in buildings. NOTE For glass products with electrical wiring or connections for, e.g. alarm or heating purposes, other directives, e.g. Low Voltage Directive, may apply.

Keel: en

Alusdokumendid: prEN 1748-2-2

Asendab dokumenti: EVS-EN 1748-2-2:2004

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 83 KUMMI- JA PLASTITÖÖSTUS

### EN 438-2:2016/prA1

#### High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 2: Determination of properties

This European Standard specifies the methods of test for determination of the properties of high-pressure decorative laminates as defined in Clause 3. These methods are primarily intended for testing the sheets specified in EN 438-3, EN 438-4, EN 438-5, EN 438-6, EN 438-8, and EN 438-9. The precision of the test methods, specified in this European Standard, is not known because inter-laboratory data are not yet available. When inter-laboratory data will be obtained, precision statements will be added to the test method at the following revision. For those test methods having an end point determination based on subjective judgement, it is not meaningful to make a statement of precision.

Keel: en

Alusdokumendid: EN 438-2:2016/prA1

Muudab dokumenti: EVS-EN 438-2:2016

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 85 PABERITEHNOLOOGIA

### prEN 17163

#### Pulp, paper and board - Determination of primary aromatic amines (PAA) in a water extract by a LC/MS/MS method

This European standard describes two representative methods for the determination of the extractable amount of specific primary aromatic amines (PAA) in a water extract of paper, board and pulp samples by means of HPLC with MS/MS detection which basically differ concerning the choice of the mobile and stationary phases. Deviating from this standard further methods may be applicable if it can be shown that comparable results can be achieved. A validation must be carried out by each laboratory. It is applicable for the determination of the 22 primary aromatic amines (PAA) mentioned in the annex of directive 2002/61/EC of 19th July 2002 amending Council Directive 76/769/EEC relating to restrictions on the market and use of certain dangerous substances and preparations (azocolourants) which are classified as carcinogenic categories 1A and 1B according to the CLP regulation and aniline. The method described by this standard also shall be applicable for the determination of further primary aromatic amines (PAA). A validation for every further analyte has to be done by the laboratory using this method. The extractable amount of a primary aromatic amine (PAA) is expressed in mg PAA per litre water extract. This method is suitable for the determination of PAA with a working range of about 0,001 – 0,020 mg/l water extract. NOTE: Deviating from this standard further methods may be applicable, if it can be shown that comparable results can be achieved. A validation must be carried out by each laboratory.

Keel: en

Alusdokumendid: prEN 17163

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 91 EHITUSMATERJALID JA EHITUS

### EN 1992-1-2:2004/prA1:2017

#### Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad.

#### Tulepüsivusarvutus

#### Eurocode 2: Design of concrete structures - Part 1-2: General rules - Structural fire design

Muudatus standardile EN 1992-1-2:2004

Keel: en

Alusdokumendid: EN 1992-1-2:2004/prA1:2017

Muudab dokumenti: EVS-EN 1992-1-2:2005

Arvamusküsitluse lõppkuupäev: 04.11.2017

### prEN 13279-1

#### Gypsum binders and gypsum plasters - Part 1: Definitions and requirements

This European Standard specifies the characteristics and performance of powder products based on gypsum binder for building purposes. This includes premixed gypsum building plasters for plastering of walls and ceilings inside buildings where they are applied as a finishing material which can be decorated. These products are specially formulated to meet their application

requirements by the use of additives/admixtures, aggregates and other binders. Gypsum and gypsum based building plasters for manual and mechanical applications are included. This European Standard also applies to gypsum binders both for direct use on site and for further processing into gypsum blocks, gypsum plasterboards, gypsum boards with fibrous reinforcement, gypsum fibrous plasterwork and gypsum ceiling elements. Gypsum mortar for internal not load bearing partitions not exposed to water is also included. Calcium sulfate used as binder for floor screeds is not covered by this European Standard. This European Standard defines the reference tests for technical characteristics and provides for the evaluation of conformity of the products covered by this European Standard. Building lime, as calcium hydroxide, can be used as an additional binder together with gypsum binder. If gypsum binder is the principle active binding component in a plaster then this plaster is covered by this European Standard. If building lime is the principle active binding component in a plaster then the plaster is covered by EN 998-1.

Keel: en

Alusdokumendid: prEN 13279-1

Asendab dokumenti: EVS-EN 13279-1:2008

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 13658-1

#### **Metal lath and beads - Definitions, requirements and test methods - Part 1: Internal plastering**

This European Standard specifies the requirements and test methods of metal lath and beads for internal plastering. This European Standard covers metal lath intended to be used for fixing to structures or solid backgrounds to provide a key to hold the plaster in position. Metal lath is used vertically to support linings for walls, partitions and columns and horizontally to support linings for ceilings and beams. Used in this way it enables fire protecting plastering systems to be provided. This European Standard covers metal beads intended to be used to improve the protection of corners and also provide features to the internal finish of the construction as well as metal beads intended to be used as depth gauge beads and movement or expansion beads. They also contribute to fire protection.

Keel: en

Alusdokumendid: prEN 13658-1

Asendab dokumenti: EVS-EN 13658-1:2005

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 13658-2

#### **Metal lath and beads - Definitions, requirements and test methods - Part 2: External rendering**

This European Standard specifies the requirements and test methods of metal lath and beads for external rendering. This European Standard covers metal lath intended to be used for fixing to structures or solid backgrounds to provide a key to hold the plaster in position. Used in this way it enables fire protecting plastering systems to be provided. This European Standard covers metal beads intended to be used to improve the protection of external angles and also provide features to the external finish of the construction and which can also be used as movement or expansion beads. They also contribute to fire protection.

Keel: en

Alusdokumendid: prEN 13658-2

Asendab dokumenti: EVS-EN 13658-2:2005

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 14055

#### **WC and urinal flushing cisterns**

This European Standard specifies design, performance requirements and the test methods for WC and urinal flushing cisterns with flushing mechanism, inlet valve and overflow. This document covers flushing cisterns designed to be connected to drinking water installations inside buildings. This standard does not cover automatic valveless siphon flushing cisterns for flushing urinals. NOTE Flushing cisterns for one-piece WCs and close-coupled suites are covered by EN 997.

Keel: en

Alusdokumendid: prEN 14055

Asendab dokumenti: EVS-EN 14055:2010+A1:2015

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 15102

#### **Decorative wallcoverings - Roll form**

This European Standard applies to wallcoverings in roll form supplied for hanging onto internal walls, partitions or ceilings, by means of an adhesive, whose primary purpose is decorative. However, certain wallcoverings in roll form may confer minor sound absorption and thermal resistance properties. The European Standards for wallcoverings in roll form to which this European Standard relates, and which provide additional product definitions and requirements, include the following: - Finished wallpapers, wall vinyls and plastics wallcoverings (EN 233); - Wallcoverings for subsequent decoration (EN 234); - Textile wallcoverings (EN 266); - Cork rolls (EN 13085); - Heavy duty wallcoverings (EN 259 1). It also provides for the assessment and verification of constancy of performance (AVCP) and marking of these products. It does not apply to wallcoverings whose primary purpose is structural or protective (e.g. vapour or moisture).

Keel: en

Alusdokumendid: prEN 15102

Asendab dokumenti: EVS-EN 15102:2007+A1:2011

**Arvamusküsitluse lõppkuupäev: 04.10.2017**

## prEN 17088

### Side curtains ventilation systems - safety

This European standard specifies the standardisation of side curtain ventilation systems supplied for environmental control, installed on farm buildings, that use a barrier made from a flexible foil or fabric which move via a rolling or folding action, or rigid panels that slide; as far as safety aspects, performance and sustainability issues are concerned. Included are machines that operate using the potential energy stored by the earlier application of human or animal force, such as stretched springs.

Keel: en

Alusdokumendid: prEN 17088

Arvamusküsitluse lõppkuupäev: 04.11.2017

## prEN 196-11

### Methods of testing cement - Part 11: Heat of hydration - Isothermal Conduction Calorimetry method

This European Standard specifies the apparatus and procedure for determining the heat of hydration of cements and other hydraulic binders at different test ages by isothermal conduction calorimetry. This test procedure is intended for measuring the heat of hydration of cement up to 7 days in order to obtain data homogeneous with EN 196 8. Nevertheless this test duration may be critical for some apparatus, even if they can work properly at shorter test ages. Contrary to EN 196 8 (solution method) this method gives the heat of hydration continuously over the time. Additionally, the heat flow versus time is given.

Keel: en

Alusdokumendid: prEN 196-11

Arvamusküsitluse lõppkuupäev: 04.11.2017

## prEN 62056-8-4:2017

### Electricity metering data exchange - The DLMS/COSEM suite - Part 8-4: Communication profiles for narrow-band OFDM PLC PRIME neighbourhood networks

This International Standard specifies DLMS/COSEM communication profiles for narrow-band OFDM power line carrier PRIME neighbourhood networks using the modulation as specified in Recommendation ITU-T G.9904:2012. Three communication profiles are specified: • a profile using the IEC 61334-4-32 LLC layer; • a profile using TCP-UDP/IPv4; • a profile using TCP-UDP/IPv6.

Keel: en

Alusdokumendid: IEC 62056-8-4:201X; prEN 62056-8-4:2017

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 93 RAJATISED

## prEN 14388

### Road traffic noise reducing devices - Specifications

This European Standard specifies requirements for the following road traffic noise reducing devices (as defined in 3.1): - noise barriers (as defined in 3.4), - claddings (as defined in 3.5), - covers (as defined in 3.6), and - added devices (as defined in 3.7). These devices may include both acoustic and structural elements, where: - an acoustic element is an element whose primary function is to provide a noise reducing device with sound insulation, diffraction and/or sound absorption, it is a part of noise reducing device to be used along roads, and - a structural element is an element whose primary function is to support or hold in place acoustic elements, it is a part of noise reducing device to be used along roads. Depending upon the design of the noise reducing device, structural elements may potentially be tested separately from acoustic elements. They may be made of different materials for which specific standards are to be applied in accordance with the specifications prescribed hereafter. Some of the materials may contain dangerous substances, the reason why all the materials are declared. This European Standard identifies the relevant characteristics of road traffic noise reducing devices, the corresponding methods of evaluation and specifies the provisions on evaluation of conformity and marking. This European Standard covers acoustic, non-acoustic and long-term performance, but not aspects such as resistance to vandalism or requirements of visual appearance. This European Standard provides Annex ZA for the declaration of performance of all types of Noise Reducing Devices and for their elements. When prepared for an element, the declaration of performance has to be included through a cascading process in the declaration of performance of the final / installed Noise Reducing Device. This European Standard does not cover road surfaces or the airborne sound insulation of houses.

Keel: en

Alusdokumendid: prEN 14388

Asendab dokumenti: EVS-EN 14388:2015

Arvamusküsitluse lõppkuupäev: 04.11.2017

## 95 SÕJANDUS. SÕJALISED EHITISED (SÕJATEHNIKA). RELVAD

## prEN ISO 17201-1

### Acoustics - Noise from shooting ranges - Part 1: Determination of muzzle blast by measurement (ISO/DIS 17201-1:2017)

This part of ISO 17201 specifies a method to determine the acoustic source energy of the muzzle blast for calibres of less than 20 mm or explosive charges of less than 50 g TNT equivalent. It is applicable at distances where peak pressures less than 1 kPa (equivalent to a peak sound pressure level of 154 dB) are observed. The source energy, directivity of the source and their spectral structure determined by this procedure can be used as input data to sound propagation programmes, enabling prediction of shooting noise in the neighbourhood of shooting ranges. Additionally, the data can be used to compare sound emission from different types of guns or different types of ammunition used with the same gun. This part of ISO 17201 is applicable to guns used in civil shooting ranges but it can also be applied to military guns. It is not applicable to the assessment of hearing damage or sound levels in the non-linear region.

Keel: en

Alusdokumendid: ISO/DIS 17201-1; prEN ISO 17201-1

Asendab dokumenti: EVS-EN ISO 17201-1:2005

Asendab dokumenti: EVS-EN ISO 17201-1:2005/AC:2009

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

## 97 OLME. MEELELAHUTUS. SPORT

### EN 60335-2-54:2008/prA12:2017

#### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-54: Erinõuded pinnapuhastusseadmetele, mis kasutavad vedelikke või auru Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam**

Amendment for EN 60335-2-54:2008

Keel: en

Alusdokumendid: EN 60335-2-54:2008/prA12:2017

Muudab dokumenti: EVS-EN 60335-2-54:2009

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 30-2-2

#### **Domestic cooking appliances burning gas - Part 2-2: Rational use of energy - Appliances having forced-convection ovens and/or grills**

This standard sets out the requirements and test method for the rational use of energy of gas cooking appliances having forced-convection ovens and/or grills using combustible gases described in clause 1 of EN 30-1-2:1999. This standard covers only type testing. NOTE: The calorific values given in this standard are based on the gross calorific value (H<sub>s</sub>) as defined in EN 30-1-2:1999.

Keel: en

Alusdokumendid: prEN 30-2-2

Asendab dokumenti: EVS-EN 30-2-2:2000

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN 71-14

#### **Safety of toys - Part 14: Trampolines for domestic use**

This European Standard specifies requirements and test methods for trampolines for domestic use, their access devices and their enclosures, intended for outdoor and/or indoor use above ground level by one person at a time. The scope of this European Standard excludes: -trampolines used as gymnastic equipment, covered by EN 13219; -floating inflatable trampolines, covered by the EN 15649 series; -trampolines used in public playgrounds; -inclined mat trampolines; -inflatable trampolines; -fitness trampolines, including trampolines for medical use; -trampolines with additional features, e.g. tents, basket ball hoop; -trampolines for domestic use buried at ground level.

Keel: en

Alusdokumendid: prEN 71-14

Asendab dokumenti: EVS-EN 71-14:2014

**Arvamusküsitluse lõppkuupäev: 04.11.2017**

### prEN ISO 17201-1

#### **Acoustics - Noise from shooting ranges - Part 1: Determination of muzzle blast by measurement (ISO/DIS 17201-1:2017)**

This part of ISO 17201 specifies a method to determine the acoustic source energy of the muzzle blast for calibres of less than 20 mm or explosive charges of less than 50 g TNT equivalent. It is applicable at distances where peak pressures less than 1 kPa (equivalent to a peak sound pressure level of 154 dB) are observed. The source energy, directivity of the source and their spectral structure determined by this procedure can be used as input data to sound propagation programmes, enabling prediction of shooting noise in the neighbourhood of shooting ranges. Additionally, the data can be used to compare sound emission from different types of guns or different types of ammunition used with the same gun. This part of ISO 17201 is applicable to guns used in civil shooting ranges but it can also be applied to military guns. It is not applicable to the assessment of hearing damage or sound levels in the non-linear region.

Keel: en

Alusdokumendid: ISO/DIS 17201-1; prEN ISO 17201-1

Asendab dokumenti: EVS-EN ISO 17201-1:2005  
Asendab dokumenti: EVS-EN ISO 17201-1:2005/AC:2009  
**Arvamusküsitluse lõppkuupäev: 04.11.2017**



# 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 13108-20:2016**

### **Asfaltsegud. Materjalide spetsifikatsioonid. Osa 20: Tüübikatsetus**

See Euroopa standard määratleb tüübikatsetuse protseduuri, mida kasutatakse teedel, lennuväljadel ja teistel liiklusega aladel kasutatavate asfaltsegude toimivuse püsivuse hindamisel ja kontrollimisel.

Keel: et

Alusdokumendid: EN 13108-20:2016

**Kommenteerimise lõppkuupäev: 04.10.2017**

## **EVS-EN 16872:2016**

### **Homöopaatia lisakvalifikatsiooniga arstide teenused. Nõudmised homöopaatia lisakvalifikatsiooniga arstide poolt pakutud tervishoiuteenustele**

Käesolev Euroopa standard määrab ära miinimumnõudmised homöopaatia lisakvalifikatsiooniga arstidele ja nende teenustele. Käesolev Euroopa standard ei rakendu teenustele, mida pakuvad isikud, kes ei ole arstid ega ka homöopaatiliste ravimite valmistamisele ega homöopaatia katsetuste metodoloogiale ja praktikale.

Keel: et

Alusdokumendid: EN 16872:2016

**Kommenteerimise lõppkuupäev: 04.10.2017**

## **EVS-EN 50065-1:2011**

### **Madalpinge elektripaigaldistel olev signalisatsioon sagedusalal 3 kHz kuni 148,5 kHz. Osa 1: Üldnõuded, sagedusalad ja elektromagnetilised häiringud**

Käesolev standard kehtib elektriseadmete suhtes, mis kasutavad signaale sagedusvahemikus 3 kHz kuni 148,5 kHz madalpinge elektrisüsteemide abil teabe edastamiseks kas üldkasutatavates elektrivõrkudes või tarbijate ruumides paiknevatele seadmetele. See standard määrab erinevatele rakendustele eraldatud sagedusribad, piirkonna terminaliväljundpinge tööpiirkonnas ja juhtimis- ja kiirgushäirete piirid. Samuti annab see mõõtmismeetodeid. Standardis ei täpsustata modulatsioonimeetodeid, kodeerimismeetodeid ega funktsionaalseid omadusi (välja arvatud vastastikuste häirete vältimiseks). Keskkonnanõudeid ja vastavad katseid ei ole standardisse lisatud. MÄRKUS 1 Selle standardi järgimine ei tähenda, et lubatakse luua kommunikatsioon väljaspool tarbijaettevõtet paiknevatel kohtadel või teiste tarbijate kaudu üldkasutatava elektrienergia jaotusvõrgu kaudu, kui seda muul moel ei lubataks. MÄRKUS 2 Elektriseadmete häirekindluse määramisel peaksid disainerid kaaluma signaalisüsteeme vastavalt käesolevale standardile.

Keel: et

Alusdokumendid: EN 50065-1:2011

**Kommenteerimise lõppkuupäev: 04.10.2017**

## **EVS-EN 60601-1-3:2008/A11:2016**

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

Muudatus standardile EN 60601-1-3:2008.

Keel: et

Alusdokumendid: EN 60601-1-3:2008/A11:2016

**Kommenteerimise lõppkuupäev: 04.10.2017**

## **EVS-EN ISO 11290-1:2017**

### **Toiduahela mikrobioloogia. Horisontaalmeetod Listeria monocytogenes'e ja Listeria spp. tuvastamiseks ja loendamiseks. Osa 1: Tuvastamismeetod**

Käesolev dokument kirjeldab horisontaalmeetodit: — L. monocytogenes'e tuvastamiseks ning — Listeria spp. (kaasaarvatud L. monocytogenes) tuvastamiseks. Käesolev dokument on rakendatav: — inimtarbimiseks mõeldud toidu ja loomasööda ning — toidu tootmis- ja käitlemisettevõtete keskkonnaproovidele. Võimalik, et teatud lisaks kirjeldatud Listeria liigid ei ole selle meetodiga tuvastatavad või kinnitatavad.

Keel: et

Alusdokumendid: ISO 11290-1:2017; EN ISO 11290-1:2017

**Kommenteerimise lõppkuupäev: 04.10.2017**

### **EVS-EN ISO 9692-3:2016**

#### **Keevitamine ja liidetud protsessid. Liite ettevalmistamise tüübid. Osa 3: Alumiiniumi ja selle sulamite MIG-keevitus (kaarkeevitus sulavelektroodiga inertgaasis) ja TIG-keevitus (volframelektroodiga keevitus inertgaasis)**

Standardi ISO 9692 antud osa spetsifitseerib alumiiniumi ja selle sulamite soovitatavad liite ettevalmistuse tüübid täistraadiga MIG-keevituseks (131), täisliisamaterjaliga TIG-keevituseks (141) ja lisamaterjalita TIG-keevituseks (142). See kohaldub täisliisakeevitusega keeviõmblustele.

Keel: et

Alusdokumendid: ISO 9692-3:2016; EN ISO 9692-3:2016

**Kommenteerimise lõppkuupäev: 04.10.2017**

### **EVS-EN ISO 9963-1:1999**

#### **Vee kvaliteet. Leeliselisuse määramine. Osa 1: Üld- ja segaleeliselisuse määramine**

Käesolev ISO 9963 osa esitab meetodi leeliselisuse titrimetriliseks määramiseks. See on ette nähtud loodusliku vee ja töödeldud vee ning heitvee analüüsiks ning seda võib vahetult kasutada vee jaoks, mille leeliselisuse kontsentratsioon on kuni 20 mmol/l. Proovide jaoks, mille leeliselisuse kontsentratsioon on kõrgem, võib analüüsiks võtta väiksema koguse uuritavat vett. Alumine soovitatav piirkontsentratsioon on 0,4 mmol/l. Karbonaadi kujul esinev hõljuv aine võib analüüsi häirida. Seda mõju saab vähendada filtreerimisega enne tiitrimist.

Keel: et

Alusdokumendid: ISO 9963-1:1994; EN ISO 9963-1:1995

**Kommenteerimise lõppkuupäev: 04.10.2017**

### **EVS-EN ISO 9963-2:1999**

#### **Vee kvaliteet. Leeliselisuse määramine. Osa 2: Karbonaatse leeliselisuse määramine**

Standardi käesolev osa esitab meetodi karbonaatse leeliselisuse titrimetriliseks määramiseks looduslikus vees ja joogivees. Meetod on ette nähtud proovide jaoks, mille karbonaatne leeliselisus on vahemikus 0,01 mmol/l kuni 4 mmol/l. Proovide jaoks, mille leeliselisuse kontsentratsioon on kõrgem, võib analüüsiks võtta väiksema koguse uuritavat vett. pH-meetrit kasutades on lõpp-punkti fikseerimine mõjutuste suhtes vähem tundlik kui indikaatori kasutamise korral.

Keel: et

Alusdokumendid: ISO 9963-2:1994; EN ISO 9963-2:1995

**Kommenteerimise lõppkuupäev: 04.10.2017**

### **prEN 16941-1**

#### **Lokaalsed tehnilise vee süsteemid. Osa 1: Sademevee kasutussüsteemid**

See Euroopa standard kirjeldab nõudeid ja annab soovitusi sademevee lokaalselt ja tehnilise veena kasutamiseks vajalike sademevee kogumissüsteemide projekteerimiseks, mõõtmete määramiseks, paigaldamiseks, tähistamiseks, kasutuselevõtuks ja hooldamiseks. Samuti kirjeldab Euroopa standard nende süsteemidele kehtivaid miinimumnõudeid. Selle Euroopa standardi käsitluselast on välja jäetud: — sademevee kasutamine joogiveena ja toiduvalmistamiseks; — sademevee kasutamine isikliku hügieeni otstarbel; — detsentraliseeritud ühtlustusmahutid; — immutamine. MÄRKUS Kooskõla standardiga ei vabasta kohalikest või riiklikest regulatsioonidest tulenevate kohustuste täitmisest.

Keel: et

Alusdokumendid: prEN 16941-1

**Kommenteerimise lõppkuupäev: 04.10.2017**

# STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel ning selle eesmärk on kontrollida standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne.

Ülevaatus tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse või uustöötamise koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

## ÜLEVAATUSKÜSITLUS

### **EVS 817:2003**

#### **Toidukartul. Kvaliteedi määramismeetodid**

#### **Ware potatoes - Methods of determination of quality**

Standard käsitleb toidukartuli ja varajase kartuli kvaliteedikontrolli ja määramismeetodeid. Standard ei kehti tootekartuli, tärglisekartuli ja piirituskartuli kvaliteedi kontrollimisel.

Ülevaatusküsitluse lõppkuupäev: 04.10.2017

### **EVS 818:2003**

#### **Varajane kartul**

#### **Early potatoes**

Standard kehtib varajase kartuli (*Solanum tuberosum* L) sortide ja hübriidide kohta, mida realiseeritakse tarbijale värskena ja sätestab varajase kartuli kvaliteedi, mugulate suuruse ja pakendamise nõuded.

Ülevaatusküsitluse lõppkuupäev: 04.10.2017

# 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 123600:2002**

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

This document is a Sectional Specification relating to flex-rigid multilayer printed boards with through connections irrespective of their method of manufacture, when they are ready for the mounting of the components. It defines the characteristics to be assessed and the test methods to be used for capability approval testing and for quality conformance inspection (lot-by-lot and periodic inspection).

Keel: en

Alusdokumendid: EN 123600:1996

Tühistamisküsitluse lõppkuupäev: 04.10.2017

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

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

This document is a Sectional Specification relating to flex-rigid double sided printed boards with through connections irrespective of their method of manufacture, when they are ready for the mounting of the components. It defines the characteristics to be assessed and the test methods to be used for capability approval testing and for quality conformance inspection (lot-by-lot and periodic inspection).

Keel: en

Alusdokumendid: EN 123700:1996

Tühistamisküsitluse lõppkuupäev: 04.10.2017

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

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

This document is a Sectional Specification relating to flexible multilayer printed boards with through connections irrespective of their method of manufacture, when they are ready for the mounting of the components. It defines the characteristics to be assessed and the test methods to be used for capability approval testing and for quality conformance inspection (lot-by-lot and periodic inspection).

Keel: en

Alusdokumendid: EN 123800:1996

Tühistamisküsitluse lõppkuupäev: 04.10.2017

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

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

Standard hõlmab kontaktkeevitusseadmetele, nt märgutulede ja juhtnuppude juurde paigaldatavaid graafilisi tingmärke, millest seadmete kasutamisel ja juhtimisel juhendub sellega töötav personal.

Keel: en

Alusdokumendid: ISO 7286:1986; EN 27286:1991

Tühistamisküsitluse lõppkuupäev: 04.10.2017

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

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

This standard is relevant for all electronic products and systems (including their software) having home and/or building control functions. This standard defines the general conformity assesment requirements for the communication protocols.

Keel: en

Alusdokumendid: EN 50090-8:2000

Tühistamisküsitluse lõppkuupäev: 04.10.2017

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

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

This European Standard specifies procedures for assessment of electric, magnetic and electromagnetic fields produced by industrial and professional induction heating equipment.

Keel: en

Alusdokumendid: EN 50519:2010

Tühistamisküsitluse lõppkuupäev: 04.10.2017

## TEADE EUROOPA STANDARDI OLEMASOLUST

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

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist. Täiendav teave standardiosakonnast: [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

### EN ISO 9606-1:2017

#### **Keevitajate kvalifitseerimise katse. Sulakeevitus. Osa 1: Terased Qualification testing of welders - Fusion welding - Part 1: Steels (ISO 9606-1:2012 including Cor 1:2012 and Cor 2:2013)**

Eeldatav avaldamise aeg Eesti standardina 10.2017

# UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

## **CEN ISO/TS 80004-2:2017**

### **Nanotehnoloogiad. Sõnastik. Osa 2: Nanoobjektid Nanotechnologies - Vocabulary - Part 2: Nano-objects (ISO/TS 80004-2:2015)**

Antud tehniline spetsifikatsioon loetleb oskussõnad ning definitsioonid nanotehnoloogiate vallas.

## **EVS-EN 13480-4:2017**

### **Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine Metallic industrial piping - Part 4: Fabrication and installation**

Euroopa standardi see osa määratleb nõuded standardi EN 13480-3:2012 alusel projekteeritud torustike, sh tugede, tootmiseks ja paigaldamiseks.

## **EVS-EN 15975-1:2011+A1:2015**

### **Joogivee varustuskindlus. Riski- ja kriisijuhtimise juhised. Osa 1: Kriisijuhtimine Security of drinking water supply - Guidelines for risk and crisis management - Part 1: Crisis management**

See Euroopa standard kirjeldab hea tava põhimõtteid joogiveevarustuse juhtimises kriisi korral, seahulgas ettevalmistavaid ja järelmeetmeid.

## **EVS-EN 15975-2:2013**

### **Joogivee varustuskindlus. Riski- ja kriisijuhtimise juhised. Osa 2: Riskijuhtimine Security of drinking water supply - Guidelines for risk and crisis management - Part 2: Risk management**

See Euroopa standard kirjeldab riskijuhtimise põhimõtteid, mille eesmärk on täiustada joogiveevarustussüsteemi terviklikkust. See Euroopa standard käsitleb kõiki üksusi ja sidusrühmi, kes vastutavad ühiselt ohutu joogiveevarustuse tagamise eest kogu varustusahela ulatuses, alates allikast kuni tarbimiskohani.

## **EVS-EN 196-3:2016**

### **Tsemendi katsetamine. Osa 3: Tardumisaeg ja mahupüsivuse määramine Methods of testing cement - Part 3: Determination of setting times and soundness**

See Euroopa standard kirjeldab tsemendi standardkonsistentsi, tardumisaegade ja mahupüsivuse määramist. Meetod kehtib harilikele ja teistele tsementidele ning materjalidele, mille standardites on selle meetodi kasutamine ette nähtud. See ei pruugi kehtida teatud tsemendi tüüpidele, millel näiteks on väga lühike tardumise alguseks kuluv aeg. Meetod on kasutatav hindamisel, kas tsemendi tardumisaeg ja mahupüsivus on vastavuses selle spetsifikatsiooniga. See standardi EN 196 osa kirjeldab etalonmeetodeid ning lubab kasutada märkustes nimetatud alternatiivmeetodeid ja -seadmeid, eeldusel et need on kalibreeritud etalonmeetodite suhtes. Vaieldavuse korral kasutatakse ainult etalonseadmeid ja -meetodeid.

## **EVS-EN 1993-1-4:2006/A1:2015**

### **Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevaba terase jaoks Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels**

Muudatus standardile EN 1993-1-4:2006

## **EVS-EN 1993-1-4:2006/NA:2017**

### **Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevaba terase jaoks. Eesti standardi rahvuslik lisa Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels. Estonian National Annex**

Rahvuslik lisa standardile EN 1993-1-4:2006 ja selle muudatusele EN 1993-1-4:2006/A1:2015

## **EVS-EN 1993-1-4:2006+A1:2015+NA:2017**

### **Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevaba terase jaoks**

## **Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels**

(1) Standardi EN 1993 käesolevas osas 1.4 antakse lisareegleid hoonete projekteerimiseks ja ehitustehniliste tööde kavandamiseks laiendades ja kohandades standardite EN 1993-1-1, EN 1993-1-3, EN 1993-1-5 ja EN 1993-1-8 rakendamist roostevabadele austeniit-, austeniit-ferriit- ja ferriit-terastele. MÄRKUS 1 Teavet roostevabade teraste kestvuse kohta on antud lisas A. MÄRKUS 2 Roostevabast terasest konstruktsioonide teostamist on käsitletud standardis EN 1090. MÄRKUS 3 Juhiseid muu töötlemise, s.h termilise töötlemise kohta on antud standardis EN 10088.

### **EVS-EN 71-3:2013+A2:2017**

#### **Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon Safety of toys - Part 3: Migration of certain elements**

See Euroopa standard määratleb nõuded ja katsemeetodid alumiiniumi, antimoni, arseeni, baariumi, boori, kaadmiumi, kroom (III), kroom (VI), koobalti, vase, plii, mangaani, elavhõbeda, nikli, seleeni, strontsiumi, tina, orgaanilise tina ja tsingi migratsiooni kohta mänguasja materjalidest ja mänguasjade koostisosadest. Pakkematerjale ei vaadelda mänguasja osana, kui neil ei ole kavandatud mängulist väärtust. MÄRKUS 1 Vaadake Euroopa Komisjoni juhenddokumenti nr 12 [2] mänguasjade ohutuse direktiivi rakendamisest pakendile. Standardis on nõuded teatud elementide migratsiooni kohta mänguasja materjalide järgmistest liikidest: — kategooria I: kuivad, rabedad, pulbritaolised või vormitavad materjalid (dry, brittle, powder like or pliable materials); — kategooria II: vedelad või kleepuvad materjalid (liquid or sticky materials); — kategooria III: mahakraabitud materjalid (scraped-off materials). Selle standardi nõuded ei ole kohaldatavad mänguasjadele või nende osadele, mis nende kättesaadavuse, toimimise, suuruse või massi tõttu välistavad selgelt mis tahes imemisest, lakkumisest või allaneelamisest tuleneva ohu või pikaajalise kontakti ohu nahaga, juhul kui mänguasja või selle osa kasutatakse kavandatud või etteaimataval viisil, võttes arvesse laste käitumist. MÄRKUS 2 Selle standardi mõistes peetakse imemise, lakkumise või allaneelamise tõenäosust märkimisväärseks järgmiste mänguasjade ja mänguasjade osade puhul (vt H.2 ja H.3): — Kõiki suhu või suu juurde panemiseks ettenähtud mänguasju, mängu kosmeetikavahendeid ja mänguasjadena liigitatavaid kirjutusvahendeid võib pidada imetavateks, lakutavateks või allaneelatavateks. — Kõiki kuni 6-aastastele lastele ettenähtud mänguasjade kättesaadavaid osi ja koostisosi võib hinnata suuga kontakteeruvateks. Vanematele lastele ettenähtud mänguasjade osade suuga kontakti sattumise tõenäosust ei peeta enamikul juhtudel oluliseks (vt H.2).

### **EVS-EN ISO 7971-3:2010**

#### **Teraviljad. Mahumassi ehk hektoliitri massi määramine. Osa 3: Rutiinne meetod Cereals - Determination of bulk density, called mass per hectolitre - Part 3: Routine method**

Standardi ISO 7971 see osa kirjeldab rutiinset meetodit, mida kasutatakse teraviljade (teravili teradena) mahumassi ehk hektoliitri massi määramiseks manuaalsete või automaatsete, mehaaniliste, elektriliste või elektrooniliste hektoliitri massi mõõtvate mõõtevahendite abil. MÄRKUS Lisateave mõõtevahendite kohta on toodud standardis ISO 7971-2:2009 (jaotis 6.4).

### **EVS-HD 60364-4-41:2017**

#### **Madalpingelised elektripaigaldised. Osa 4-41: Kaitseviisid. Kaitse elektrilöögi eest Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock (IEC 60364-4-41:2005, modified + A1:2017, modified)**

Standardisarja HD 60364 osa 4-41 sätestab põhinõuded inimeste ja koduloomade kaitsele elektrilöögi eest, sealhulgas põhikaitsele (kaitsele otsepuute eest) ja rikkekaitsele (kaitsele kaudpuute puhul). See käsitleb ka nende nõuete rakendamist ja omavahelist kooskõlastamist vastavalt välisloometele. Esitatakse ka nõuded teatud juhtudel vajaliku lisakaitse rakendamiseks.

### **EVS-HD 60364-4-46:2016+A11:2017**

#### **Madalpingelised elektripaigaldised. Osa 4-46: Kaitseviisid. Turvalahutamine ja lülitamine Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching**

See harmoneerimisdokument käsitleb — mitteautomaatseid koht- ja kaugtoimelisi turvalahutamise ja lülitamise viise, mis väldivad või välistavad elektripaigaldistest või elektritoetelistest seadmetest tingitud ohtusid, ja — ahelate või seadmete juhtimisotstarbelisi lülitamisi.

### **EVS-HD 60364-5-537:2016+A11:2017**

#### **Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid. Jaotis 537: Turvalahutamine ja lülitamine Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching**

HD 60364 see osa käsitleb turvalahutamise ja lülitamise üldisi nõudeid ning selliste talitlusviiside rakendamiseks vajalike aparaatide valiku ja paigaldamise nõudeid.

### **EVS-HD 60364-5-56:2010/A12:2017**

#### **Madalpingelised elektripaigaldised. Osa 5-56: Elektriseadmete valik ja paigaldamine. Turvasüsteemid**

#### **Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services**



Standardi EVS-HD 60364-5-56:2010 muudatus.

#### **EVS-HD 60364-5-56:2010+A1+A11+A12**

**Madalpingelised elektripaigaldised. Osa 5-56: Elektriseadmete valik ja paigaldamine. Turvasüsteemid**

**Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services (IEC 60364-5-56:2009)**

See HD 60364 osa käsitleb üldnõudeid turvasüsteemidele, turvasüsteemide elektrivarustuspaigaldiste valikule ja ehitamisele ning elektrilistele turvatoiteallikatele. Varu-elektrivarustusüsteemid ei kuulu selle osa käsitusallasse. See osa ei kehti plahvatusohtlike alade (BE3) paigaldiste kohta, millele esitatavad nõuded on toodud standardis EN 60079-14.

#### **EVS-HD 60364-7-701:2007/A12:2017**

**Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid**

**Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower**

Standardi EVS-HD 60364-7-701:2007 muudatus.

#### **EVS-HD 60364-7-701:2007+A11+A12**

**Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid**

**Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2006, modified)**

Standardisarja HD 60364 selle osa erinõuded käivad elektripaigaldiste kohta ruumides, mis sisaldavad kohtkindlat vanni või dušši, ja neid paigaldisi ümbritsevad tsoone, nagu need on kirjeldatud selles standardis. See standard ei kehti hädapaigaldiste, nt tööstuses või laboratooriumides kasutatavate hädaduššide kohta. MÄRKUS 1 Ruumide kohta, mis sisaldavad meditsiiniotstarbelist vanni või dušši, võivad kehtida erinõuded. MÄRKUS 2 Tehasetooteliste vanni- ja/või dušikabiinide kohta vt ka EN 60335-2-105.

#### **EVS-HD 60364-7-708:2017**

**Madalpingelised elektripaigaldised. Osa 7-708: Nõuded eripaigaldistele ja -paikadele. Sõidukelamuväljakud, kámpinguväljakud ja muud samalaadsed paigad**

**Low-voltage electrical installations - Part 7-708: Requirements for special installations or locations - Caravan parks, camping parks and similar locations**

Standardi IEC 60364 selles osas sisalduvad erinõuded kehtivad ainult vooluahelate kohta, mis on ette nähtud jõudeaja sõidukelamute, telkide või kámpinguelamute toitmiseks sõidukelamuväljakutel, kámpinguväljakutel ja muudes samalaadsetes paikades. MÄRKUS Selles dokumendis mõistetakse sõidukelamuväljaku all nii sõidukelamuväljakuid kui ka kámpinguväljakuid ja muid samalaadseid paiku. Selle osa erinõuded ei kehti jõudeaja sõidukelamute, liikuvate ja transporditavate üksuste ega kámpinguelamute sise-elektripaigaldiste kohta.

#### **EVS-IEC 60050-903:2017**

**Rahvusvaheline elektrotehnika sõnastik. Osa 903: Riskihindamine**

**International Electrotechnical Vocabulary - Part 903: Risk assessment (IEC 60050-903:2013 + IEC 60050-903/Amd 1:2014 + IEC 60050-903/Amd 2:2015)**

Standardi IEC 60050 see osa annab peamised riskihindamisalased terminid. Sellel on IEC juhendi 108 „Guidelines for ensuring the coherency of IEC publications – Application of horizontal standards“ kohaselt horisontaalse standardi staatus. See terminoloogia ühildub rahvusvahelise elektrotehnika sõnastiku teiste osade terminitega. See horisontaalne standard on loodud eelkõige kasutamiseks tehnilistele komiteedele, et valmistada ette standardeid kooskõlas IEC juhendis 108 seatud põhimõtetega. Väljaannete ettevalmistamisel vastutab tehniline komitee muu hulgas horisontaalsete standardite kasutamise eest alati, kui see on asjakohane. Selle horisontaalse standardi sisu ei kohaldu ilma erilise viiteta või ilma kaasamiseta asjakohases väljaandes.

## 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 15975-2:2013	Joogiveega varustamise turvalisus. Riski- ja kriisijuhtimise juhised. Osa 2: Riskijuhtimine	Joogivee varustuskindlus. Riski- ja kriisijuhtimise juhised. Osa 2: Riskijuhtimine

### UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 15975-1:2011+ A1:2015	Security of drinking water supply - Guidelines for risk and crisis management - Part 1: Crisis management	Joogivee varustuskindlus. Riski- ja kriisijuhtimise juhised. Osa 1: Kriisijuhtimine
EVS-EN 196-3:2016	Methods of testing cement - Part 3: Determination of setting times and soundness	Tsemendi katsetamine. Osa 3: Tardumisaja ja mahupüsivuse määramine
EVS-EN ISO 7971-3:2010	Cereals - Determination of bulk density, called mass per hectolitre - Part 3: Routine method	Teraviljad. Mahumassi ehk hektoliitri massi määramine. Osa 3: Rutiinne meetod

## 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 2014/53/EL Raadioseadmed (EL Teataja 2017/C 229/02)

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 300 065 V2.1.2:2016 Kitsaribalise tähttrükkimise telegraafseadmed meteoroloogia- või navigatsioonialase informatsiooni vastuvõtmiseks (NAVTEX); Harmoneeritud standard direktiivi 2014/53/EL artiklite 3.2 ja 3.3(g) põhinõuete alusel	08.07.2016			Artikli 3 lõige 2; Artikli 3 lõike 3 punkt g

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.

### Määrus 305/2011 (endine 89/106/EMÜ) Ehitustooted (EL Teataja 2017/C 267/04)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Viide asendatavale Euroopa standardile	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Kooseksisteerimis-perioodi lõpptähtaeg
EVS-EN 15681-2:2017 Ehitusklaas. Alumiinium-silikaatklaasist põhitooted. Osa 2: Vastavushindamine / tootestandard		11.08.2017	11.08.2018
Märkus: Kolmas lause klauslis 4.2.2.10 jäetakse viitest välja.			
EVS-EN 998-1:2016 Müürimörtide spetsifikatsioon. Osa 1: Krohvimört	EN 998-1:2010	31.08.2018	
EVS-EN 998-2:2016 Müürimörtide spetsifikatsioon. Osa 2: Müürimört	EN 998-2:2010	31.08.2018	