

# EVS

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# TEATAJA

Avaldatud 15.09.2023

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

### EVS-EN 15016-1:2023

#### Railway applications - Technical documents - Part 1: General principles

This document specifies the preparation, administration, and reproduction of technical documents. It complies with the requirements of EN, ISO or IEC Standards for technical documents. This document is applicable to all technical documents for railway applications, irrespective of technology i.e., mechanical, pneumatic, hydraulic, electric, electronic etc.

Keel: en

Alusdokumendid: EN 15016-1:2023

Asendab dokumenti: EVS-EN 15016-1:2005

### EVS-EN 15016-2:2023

#### Railway applications - Technical documents - Part 2: Parts lists

This document specifies the preparation and reproduction of design parts lists. This document defines the basic principles and structure of design parts lists. This document is applicable to all design parts lists for railway applications.

Keel: en

Alusdokumendid: EN 15016-2:2023

Asendab dokumenti: EVS-EN 15016-2:2005

Asendab dokumenti: EVS-EN 15016-2:2005/AC:2007

### EVS-EN 15016-3:2023

#### Railway applications - Technical documents - Part 3: Handling of modifications of technical documents

This document specifies the basis of revising technical design documents. This document is applicable to all technical design documents for railway applications, irrespective of the material form like transparency originals, plotter drawings, aperture cards, computer readable data media, photoprints etc.

Keel: en

Alusdokumendid: EN 15016-3:2023

Asendab dokumenti: EVS-EN 15016-3:2005

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

### EVS-EN ISO 45001:2023

#### Töetervishoiu ja tööohutuse juhtimissüsteemid. Nõuded koos kasutusjuhustega Occupational health and safety management systems - Requirements with guidance for use (ISO 45001:2018)

See dokument määrab kindlaks nõuded töetervishoiu ja tööohutuse (TTO) juhtimissüsteemile ja annab juhised, kuidas seda kasutada, et võimaldada organisatsioonidel pakkuda ohutuid ja tervislikke töökohti, ennetades tööga seonduvaid vigastusi ja tervisekahjustusi, samuti nagu proaktiivselt parendades organisatsiooni TTO-alast tulemuslikkust. Seda dokumenti kohaldatakse kõikide organisatsioonide suhtes, kes soovivad seada sisse, viia ellu ja hoida toimivana TTO juhtimissüsteemi, et parandada töetervishoidu ja tööohutust, kõrvaldada ohte ja minimeerida TTO riske (sealhulgas süsteemi vajakajäämisi), kasutada TTO võimalusi ja käsitleda oma tegevusega seotud TTO juhtimissüsteemi mittevastavusi. See dokument aitab organisatsioonil saavutada TTO juhtimissüsteemi kavatsatud väljundeid. TTO juhtimissüsteemi kavatsuvad väljundid, mis on kooskõlas organisatsiooni TTO-alaste juhtpõhimõtetega, hõlmavad järgmist: a) TTO-alase tulemuslikkuse järjepidev parendamine; b) õigusaktide jm nõuete täitmine; c) TTO-alaste eesmärkide saavutamine. See dokument on kohaldatav kõikidele organisatsioonidele nende suurusest, tüübist ja olemusest sõltumata. See kohaldub TTO riskidele, mida organisatsioon võib ohjata, võttes arvesse selliseid tegureid nagu kontekst, milles organisatsioon toimib, ning töötajate ja teiste huvipoolte vajadused ning ootused. See dokument ei esita eriomaseid kriteeriume ei TTO-alasele tulemuslikkusele ega kirjuta ette TTO juhtimissüsteemi ülesehitust. See dokument võimaldab organisatsioonil oma TTO juhtimissüsteemi kaudu loimida tervise ja ohutuse muud aspektid, näiteks töötajate hea olemise / heaolu. Selles dokumendis ei käsitleta selliseid küsimusi nagu tooteohutus, varakahjustus või keskkonnamõjud väljaspool nendega seonduvaid ohtusid töötajatele ja teistele huvipooltele. Seda dokumenti võib kasutada tervikuna või osaliselt selleks, et TTO juhtimist süstemaatiliselt parendada. Selle dokumendiga vastavuses olekut ei saa siiski kinnitada, kuni kõik selle nõuded ei ole hõlmatud organisatsiooni TTO juhtimissüsteemiga ja täidetud ilma välistusteta.

Keel: et-en

Alusdokumendid: ISO 45001:2018; EN ISO 45001:2023

Asendab dokumenti: EVS-ISO 45001:2018

**EVS-EN 12259-12:2023**

**Fixed firefighting systems - Components for sprinkler and water spray systems - Part 12: Pumps**

This document specifies requirements for single stage and multi-stage centrifugal pumps with mechanical seal or soft packing for use in automatic sprinkler systems and is for use with EN 12845 and EN 17451 . This document is applicable for the following pumps, independent of installed orientation (vertical, horizontal or sloped according to the manufacturer indications): - end suction pumps (close coupled or long coupled) of the back pull-out type pump; - axial horizontal split case pumps; - ring section pumps including multistage single or multi outlet; - single or multistage inline pumps (pump with inlet and outlet in line); - submersible motor borehole pumps. This document is also applicable to vertical turbine pumps.

Keel: en

Alusdokumendid: EN 12259-12:2023

**EVS-EN 15713:2023**

**Secure destruction of confidential and sensitive material - Code of practice**

This document provides recommendations and requirements for the procedures, processes and performance monitoring to be implemented for the management and control of the physical destruction of confidential and sensitive material to ensure that such material is disposed of securely and safely. This document can be referenced by anyone who processes such material on behalf of others and covers the following scenarios: - on site - using mobile equipment at the location of use (destruction equipment is brought to the confidential or sensitive material); - off site - transport followed by destruction using equipment at a destruction facility (the confidential or sensitive material is brought to the destruction equipment, such as used at a dedicated external facility operated by a service provider); - use of equipment at the Data Controller's location (confidential or sensitive material and destruction equipment co-located, such as a shredder in a building occupied by a client or clients). Destruction by erasure (e.g. crypto erasure, data overwriting, degaussing or other forms of magnetic/electronic erasure) is not covered in this document.

Keel: en

Alusdokumendid: EN 15713:2023

Asendab dokumenti: EVS-EN 15713:2009

**EVS-EN ISO 19238:2023**

**Radiological protection - Performance criteria for service laboratories performing biological dosimetry by cytogenetics - Dicentric assay (ISO 19238:2023)**

This document provides criteria for quality assurance and quality control, evaluation of the performance and the accreditation of biological dosimetry by cytogenetic service laboratories using the dicentric assay performed with manual scoring. This document is applicable to a) the confidentiality of personal information, for the requestor and the service laboratory, b) the laboratory safety requirements, c) the calibration sources and calibration dose ranges useful for establishing the reference dose-response curves that contribute to the dose estimation from unstable chromosome aberration frequency and the detection limit, d) the scoring procedure for unstable chromosome aberrations used for biological dosimetry, e) the criteria for converting a measured aberration frequency into an estimate of absorbed dose, f) the reporting of results, g) the quality assurance and quality control, and h) informative annexes containing sample instructions for requestor (see Annex A), sample questionnaire (see Annex B), sample report (see Annex C), fitting of the low dose-response curve by the method of maximum likelihood and calculating the error of the dose estimate (see Annex D), odds ratio method for cases of suspected exposure to a low dose (see Annex E), a method for determining the decision threshold and detection limit (see Annex F) and sample data sheet for recording aberrations (see Annex G).

Keel: en

Alusdokumendid: ISO 19238:2023; EN ISO 19238:2023

Asendab dokumenti: EVS-EN ISO 19238:2017

**EVS-EN ISO 23196:2023**

**Water quality - Calculation of biological equivalence (BEQ) concentrations (ISO 23196:2022)**

This document specifies the derivation of biological equivalence (BEQ) concentrations for results of in vitro bioassays which are based on measuring effects on a biological process such as enzyme induction or cellular growth. The concept described here can be used for any biological assay after the proof of its applicability. To derive BEQ concentrations, the effect on a biological process caused by a sample – i.e. the activity of the sample – is expressed in terms of a concentration of a reference compound which results in an equivalent effect on the process. The term "sample" used in this document addresses environmental samples as well as defined mixtures and pure compounds used as test item in a bioassay. BEQ concentrations can be derived for environmental water samples, extracts of environmental water samples including tap water or solutions of pure chemicals or mixtures of chemicals.

Keel: en

Alusdokumendid: ISO 23196:2022; EN ISO 23196:2023

## **EVS-EN ISO 45001:2023**

### **Töetervishoiu ja tööohutuse juhtimissüsteemid. Nõuded koos kasutusjuhistega Occupational health and safety management systems - Requirements with guidance for use (ISO 45001:2018)**

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Keel: et-en

Alusdokumendid: ISO 45001:2018; EN ISO 45001:2023

Asendab dokumenti: EVS-ISO 45001:2018

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

### **EVS-EN ISO 19238:2023**

#### **Radiological protection - Performance criteria for service laboratories performing biological dosimetry by cytogenetics - Dicentric assay (ISO 19238:2023)**

This document provides criteria for quality assurance and quality control, evaluation of the performance and the accreditation of biological dosimetry by cytogenetic service laboratories using the dicentric assay performed with manual scoring. This document is applicable to a) the confidentiality of personal information, for the requestor and the service laboratory, b) the laboratory safety requirements, c) the calibration sources and calibration dose ranges useful for establishing the reference dose-response curves that contribute to the dose estimation from unstable chromosome aberration frequency and the detection limit, d) the scoring procedure for unstable chromosome aberrations used for biological dosimetry, e) the criteria for converting a measured aberration frequency into an estimate of absorbed dose, f) the reporting of results, g) the quality assurance and quality control, and h) informative annexes containing sample instructions for requestor (see Annex A), sample questionnaire (see Annex B), sample report (see Annex C), fitting of the low dose-response curve by the method of maximum likelihood and calculating the error of the dose estimate (see Annex D), odds ratio method for cases of suspected exposure to a low dose (see Annex E), a method for determining the decision threshold and detection limit (see Annex F) and sample data sheet for recording aberrations (see Annex G).

Keel: en

Alusdokumendid: ISO 19238:2023; EN ISO 19238:2023

Asendab dokumenti: EVS-EN ISO 19238:2017

## **21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD**

### **EVS-EN ISO 4032:2023**

#### **Fasteners - Hexagon regular nuts (style 1) (ISO 4032:2023)**

This document specifies the characteristics of hexagon regular nuts (style 1), in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. NOTE For nuts with sizes  $D < M5$  and  $D > M39$ , see Annex A. If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-2 or ISO 3506-2.

Keel: en

Alusdokumendid: ISO 4032:2023; EN ISO 4032:2023

Asendab dokumenti: EVS-EN ISO 4032:2012

### **EVS-EN ISO 4033:2023**

#### **Fasteners - Hexagon high nuts (style 2) (ISO 4033:2023)**

This document specifies the characteristics of hexagon high nuts (style 2), in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-2 or ISO 3506-2.

Keel: en

Alusdokumendid: ISO 4033:2023; EN ISO 4033:2023

Asendab dokumenti: EVS-EN ISO 4033:2012

### **EVS-EN ISO 4035:2023**

#### **Fasteners - Hexagon thin nuts (style 0) (ISO 4035:2023)**

This document specifies the characteristics of hexagon thin nuts (style 0), in steel and stainless steel, with metric coarse pitch thread M1,6 to M64, and with product grades A and B. Thin nuts used as jam nuts are to be assembled together with a regular or high nut. **WARNING** — Thin nuts (style 0) have a reduced loadability compared to regular nuts or high nuts, and are not designed to provide resistance to thread stripping (see ISO 898-2). If in certain cases other specifications are requested, stainless steel grades and property classes can be selected from ISO 3506-2.

Keel: en

Alusdokumendid: ISO 4035:2023; EN ISO 4035:2023

Asendab dokumenti: EVS-EN ISO 4035:2012

### **EVS-EN ISO 8673:2023**

#### **Fasteners - Hexagon regular nuts (style 1), with fine pitch thread (ISO 8673:2023)**

This document specifies the characteristics of hexagon regular nuts (style 1), in steel and stainless steel, with metric fine pitch thread 8 mm to 39 mm, and with product grades A and B. **NOTE** For nuts with sizes D > 39 mm, see Annex A. If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-2 or ISO 3506-2.

Keel: en

Alusdokumendid: ISO 8673:2023; EN ISO 8673:2023

Asendab dokumenti: EVS-EN ISO 8673:2012

### **EVS-EN ISO 8674:2023**

#### **Fasteners - Hexagon high nuts (style 2), with fine pitch thread (ISO 8674:2023)**

This document specifies the characteristics of hexagon high nuts (style 2), in steel and stainless steel, with metric fine pitch thread 8 mm to 39 mm, and with product grades A and B. If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-2 or ISO 3506-2.

Keel: en

Alusdokumendid: ISO 8674:2023; EN ISO 8674:2023

Asendab dokumenti: EVS-EN ISO 8674:2012

### **EVS-EN ISO 8675:2023**

#### **Fasteners - Hexagon thin nuts (style 0), with fine pitch thread (ISO 8675:2023)**

This document specifies the characteristics of hexagon thin nuts (style 0), in steel and stainless steel, with metric fine pitch thread 8 mm to 64 mm, and with product grades A and B. Thin nuts used as jam nuts are to be assembled together with a regular or high nut. **WARNING** — Thin nuts (style 0) have a reduced loadability compared to regular nuts or high nuts, and are not designed to provide resistance to thread stripping (see ISO 898-2). If in certain cases other specifications are requested, stainless steel grades and property classes can be selected from ISO 3506-2.

Keel: en

Alusdokumendid: ISO 8675:2023; EN ISO 8675:2023

Asendab dokumenti: EVS-EN ISO 8675:2012

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

### **EVS-EN IEC 63086-1:2020/A1:2023**

#### **Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 1: General requirements**

Amendment to EN IEC 63086-1:2020

Keel: en

Alusdokumendid: IEC 63086-1:2020/AMD1:2023; EN IEC 63086-1:2020/A1:2023

Muudab dokumenti: EVS-EN IEC 63086-1:2020

### **EVS-EN ISO 11114-1:2020/A1:2023**

#### **Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials - Amendment 1 (ISO 11114-1:2020/Amd 1:2023)**

Amendment to EN ISO 11114-1:2020

Keel: en

Alusdokumendid: ISO 11114-1:2020/Amd 1:2023; EN ISO 11114-1:2020/A1:2023

Muudab dokumenti: EVS-EN ISO 11114-1:2020

### **EVS-EN ISO 11623:2023**

#### **Gas cylinders - Composite cylinders and tubes - Periodic inspection and testing (ISO 11623:2023)**

This document specifies the requirements for periodic inspection and testing to verify the integrity for further service of hoop-wrapped and fully-wrapped composite transportable gas cylinders and tubes, with aluminium-alloy, steel or non-metallic liners or

of linerless construction (Types 2, 3, 4, and 5), intended for compressed, liquefied or dissolved gases under pressure, of water capacity from 0,5 l up to 3 000 l. This document addresses the periodic inspection and testing of composite cylinders and tubes constructed according to ISO 11119-1, ISO 11119-2, ISO 11119-3, ISO 11119-4 or ISO 11515. It can be applied to other composite cylinders and tubes designed to comparable standards when authorized by the competent authority. As far as practicable, this document can also be applied to cylinders of less than 0,5 l water capacity when authorized by the manufacturer. NOTE Unless noted by exception, the use of the word "cylinder" in this document refers to both cylinders and tubes.

Keel: en

Alusdokumendid: ISO 11623:2023; EN ISO 11623:2023

Asendab dokumenti: EVS-EN ISO 11623:2015

## 25 TOOTMISTEHNOLOGIA

### EVS-EN ISO 14920:2023

#### **Thermal spraying - Spraying and fusing of self-fluxing alloys (ISO 14920:2023)**

This document specifies the procedure for thermal spraying of self-fluxing alloys that are simultaneously or subsequently fused to create a homogeneous, diffusion-bonded coating.

Keel: en

Alusdokumendid: ISO 14920:2023; EN ISO 14920:2023

Asendab dokumenti: EVS-EN ISO 14920:2015

### EVS-EN ISO/ASTM 52902:2023

#### **Additive manufacturing - Test artefacts - Geometric capability assessment of additive manufacturing systems (ISO/ASTM 52902:2023)**

This document covers the general description of benchmarking test piece geometries, i.e. artefacts, along with quantitative and qualitative measurements to be taken on the benchmarking test piece(s) to assess the performance of additive manufacturing (AM) systems. This performance assessment can serve the following two purposes: — AM system capability evaluation; — AM system calibration. The benchmarking test piece(s) is (are) primarily used to quantitatively assess the geometric performance of an AM system. This document describes a suite of test geometries, each designed to investigate one or more specific performance metrics and several example configurations of these geometries into test build(s). It prescribes quantities and qualities of the test geometries to be measured but does not dictate specific measurement methods. Various user applications can require various grades of performance. This document discusses examples of feature configurations, as well as measurement uncertainty requirements, to demonstrate low- and high-grade examination and performance. This document does not discuss a specific procedure or machine settings for manufacturing a test piece.

Keel: en

Alusdokumendid: ISO/ASTM 52902:2023; EN ISO/ASTM 52902:2023

Asendab dokumenti: EVS-EN ISO/ASTM 52902:2019

## 29 ELEKTROTEHNIKA

### EVS-EN 60670-23:2009/A1:2023

#### **Majapidamis- ja muude taoliste kohtkindlate elektripaigaldiste elektriseadmekastid ja -ümbrised. Osa 23: Erinõuded põrandal paiknevatele kastidele ja ümbristele Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 23: Particular requirements for floor boxes and enclosures**

To cover requirements for boxes and enclosures with provision for suspension means

Keel: en

Alusdokumendid: IEC 60670-23:2006/A1:2016; EN 60670-23:2008/A1:2023

Muudab dokumenti: EVS-EN 60670-23:2009

### EVS-EN 60670-23:2009/A11:2023

#### **Majapidamis- ja muude taoliste kohtkindlate elektripaigaldiste elektriseadmekastid ja -ümbrised. Osa 23: Erinõuded põrandal paiknevatele kastidele ja ümbristele Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 23: Particular requirements for floor boxes and enclosures**

To cover requirements for boxes and enclosures with provision for suspension means

Keel: en

Alusdokumendid: EN 60670-23:2008/A11:2023

Muudab dokumenti: EVS-EN 60670-23:2009

Muudab dokumenti: EVS-EN 60670-23:2009/A1:2023



### **EVS-EN IEC 60383-1:2023**

#### **Insulators for overhead lines with a nominal voltage above 1 000 V - Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria**

This part of IEC 60383 applies to insulators of ceramic material or glass for use on a.c. overhead power lines and overhead traction lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz. It also applies to insulators for use on d.c. overhead electric traction lines. This part applies to string insulator units, rigid overhead line insulators and to insulators of similar design when used in substations. It does not apply to insulators forming parts of electrical apparatus or to parts used in their construction or to post insulators which are covered by IEC 60168: Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1 000 V. Tests on insulator strings and insulator sets (for example, wet switching impulse voltage) are dealt with in part 2 of IEC 60383. The object of this part is: – to define the terms used – to define insulator characteristics and to prescribe the conditions under which the specified values of these characteristics shall be verified – to prescribe test methods – to prescribe acceptance criteria. This part does not include requirements dealing with the choice of insulators for specific operating conditions. Specific requirements on the use of coatings on ceramic or glass insulators are described in the informative Annex C. NOTE A guide for the choice of insulators under polluted conditions has been published, see IEC 60815-1 and -2. Numerical values for insulator characteristics are specified in IEC 60305, IEC 60433 and IEC 60720.

Keel: en

Alusdokumendid: EN IEC 60383-1:2023; IEC 60383-1:2023

Asendab dokumenti: EVS-EN 60383-1:2002

### **EVS-EN IEC 62044-3:2023**

#### **Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level**

This part of IEC 62044 specifies measuring methods for power loss and amplitude permeability of magnetic cores forming the closed magnetic circuits intended for use at high excitation levels in inductors, chokes, transformers and similar devices for power electronics applications. The methods given in this document can cover the measurement of magnetic properties for frequencies ranging practically from direct current to 10 MHz, and even possibly higher, for the calorimetric and reflection methods. The applicability of the individual methods to specific frequency ranges is dependent on the level of accuracy that is to be obtained. The methods in this document are basically the most suitable for sine-wave excitations. Other periodic waveforms can also be used; however, adequate accuracy can only be obtained if the measuring circuitry and instruments used are able to handle and process the amplitudes and phases of the signals involved within the frequency spectrum corresponding to the given magnetic flux density and field strength waveforms with only slightly degraded accuracy. NOTE It can be necessary for some magnetically soft metallic materials to follow specific general principles, customary for these materials, related to the preparation of specimens and specified calculations. These principles are formulated in IEC 60404-8-6.

Keel: en

Alusdokumendid: IEC 62044-3:2023; EN IEC 62044-3:2023

Asendab dokumenti: EVS-EN 62044-3:2002

Asendab dokumenti: EVS-EN 62044-3:2002/AC:2021

### **EVS-HD 60364-4-43:2023**

#### **Madalpingelised elektripaigaldised. Osa 4-43: Kaitseviisid. Liigvoolukaitse Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent (IEC 60364-4-43:2023)**

Standardisarja IEC 60364 selles osas on esitatud nõuded — pingestatud juhtide, PEN-, PEM- ja PEL-juhtide kaitsele liigvoolust põhjustatud kahjulike toimete eest; — liigvoolu kaitsemeetmete koordineerimisele. MÄRKUS 1 Selle dokumendi nõuded ei võta arvesse välisloomeid. MÄRKUS 2 Juhtide kaitse selle dokumendi kohaselt ei pruugi tingimata kaitsta nende juhtidega ühendatud seadmeid. MÄRKUS 3 Paindkaablid ja -juhtmed, mis on ühendatud kohtkindla paigaldisega pistikühenduste kaudu, ei kuulu selle dokumendi käsituslasse ega pruugi seetõttu tingimata osutada kaitstuks liigvoolu põhjustatud kahjulike toimete eest.

Keel: en, et

Alusdokumendid: IEC 60364-4-43:2023; HD 60364-4-43:2023

Asendab dokumenti: EVS-HD 60364-4-43:2010

## **31 ELEKTROONIKA**

### **EVS-EN IEC 61076-3-106:2023**

#### **Connectors for electrical and electronic equipment - Product requirements - Part 3-106: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface**

This part of IEC 61076 constitutes a detail product specification for 8-way connectors for data transmission with frequencies up to 600 MHz. It covers protective housings for upgrading existing 8-way shielded and unshielded connectors utilizing the interface described in the IEC 60603-7 series to IP65/IP67 rating according to IEC 60529, for use in industrial environments. The housings cover a variety of different locking mechanisms according to this document and a variety of different mounting configurations and termination types which are detailed in the IEC 60603-7 series. Common mating configurations for all variants are defined in IEC 60603-7. The mating dimensions for the housings under Clause 3 allow the mating conditions under IEC 60603-7 to be fulfilled. The fully assembled variants (connectors) described in this document incorporate fully compliant IEC 60603-7 series fixed and free connectors.



Keel: en  
Alusdokumendid: IEC 61076-3-106:2023; EN IEC 61076-3-106:2023  
Asendab dokumenti: EVS-EN 61076-3-106:2007

### **EVS-EN IEC 61189-2-801:2023**

#### **Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-801: Thermal conductivity test for base materials**

This International Standard specifies a test method to be followed for Thermal Performance via carbon ink heating. The method employs a screened-on pattern of carbon ink used to determine the thermal performance of a dielectric layer on a metal base plate.

Keel: en  
Alusdokumendid: EN IEC 61189-2-801:2023; IEC 61189-2-801:2023

### **EVS-EN IEC 61189-2-803:2023**

#### **Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-803: Test methods for Z-axis expansion of base materials and printed boards**

This International Standard specifies a test method to determine the Z-Axis Expansion of base materials and printed boards using a thermomechanical analyser (TMA).

Keel: en  
Alusdokumendid: IEC 61189-2-803:2023; EN IEC 61189-2-803:2023

## **33 SIDETEHNIKA**

### **EVS-EN IEC 60793-1-44:2023**

#### **Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength**

IEC 60793-1-44:2023 establishes uniform requirements for measuring the cut-off wavelength of single-mode optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes. This document gives methods for measuring the cut-off wavelength for uncabled or cabled single mode telecom fibre. These procedures apply to all category B and C fibre types. There are three methods of deployment for measuring the cut-off wavelength: - method A: cable cut-off using uncabled fibre 22 m long sample, lcc; - method B: cable cut-off using cabled fibre 22 m long sample, lcc; - method C: fibre cut-off using uncabled fibre 2 m long sample, lc. All methods require a reference measurement. There are two reference-scan techniques, either or both of which can be used with all methods: - bend-reference technique; - multimode-reference technique using category A1(OM1-OM5) multimode fibre. This third edition cancels and replaces the second edition published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) used the diameter of the fibre loops to describe deployment; b) added Annex D related to cut-off curve artifacts; c) reorganized information and added more figures to clarify concepts.

Keel: en  
Alusdokumendid: IEC 60793-1-44:2023; EN IEC 60793-1-44:2023  
Asendab dokumenti: EVS-EN 60793-1-44:2011

### **EVS-EN IEC 61300-2-26:2023**

#### **Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-26: Tests - Salt mist**

This part of IEC 61300 provides a test to determine the corrosion resistance of the metals used in the construction of fibre optic interconnecting devices and passive components. This document determines if dissimilar metals have been well finished to prevent corrosion. The requirements of the tests for these devices are defined in IEC 61753-1.

Keel: en  
Alusdokumendid: IEC 61300-2-26:2023; EN IEC 61300-2-26:2023  
Asendab dokumenti: EVS-EN 61300-2-26:2007

### **EVS-EN IEC 62149-3:2023**

#### **Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems**

This part of IEC 62149 covers the performance specification for electroabsorption (EA) type optical modulators monolithically integrated with laser diodes for 40 Gbit/s fibre optic transmission systems. This document contains definitions for product performance requirements as well as a series of tests and measurements, for which clearly defined conditions, severities and pass/fail criteria are provided. The tests are intended to be run as an initial design verification to prove any product's ability to satisfy this document's requirements. This document is applicable for on-off keying modulation formats. A product that has been shown to meet all the requirements of a performance standard can be declared as compliant with the performance standard but will then be controlled by a quality assurance program.

Keel: en  
Alusdokumendid: IEC 62149-3:2023; EN IEC 62149-3:2023  
Asendab dokumenti: EVS-EN IEC 62149-3:2020  
Asendab dokumenti: EVS-EN IEC 62149-3:2020/AC:2021

**CLC/TS 50600-5-1:2023****Information technology - Data centre facilities and infrastructures - Part 5-1: Maturity Model for Energy Management and Environmental Sustainability**

This document provides a maturity model addressing the environmental impact (energy management and environmental sustainability) of the facilities, infrastructures and the information and communication technology (ICT) equipment accommodated by the data centre.

Keel: en

Alusdokumendid: CLC/TS 50600-5-1:2023

Asendab dokumenti: CLC/TR 50600-99-1:2021

Asendab dokumenti: CLC/TR 50600-99-2:2021

Asendab dokumenti: CLC/TS 50600-5-1:2021

**CWA 18016:2023****Age appropriate digital services framework**

This specification establishes a set of processes for developing age appropriate digital services for situations where users are children. The specification has the following features: a) Recognition that the user may be a child b) Consideration for the evolving capacities of the child c) Upholds the rights of children d) Offers terms appropriate to children e) Presents information in an age appropriate way f) Offers a level of validation for service design decisions This specification provides a specific impact rating system and evaluation criteria and explains how vendors, and public institutions used by children such as in the education, health, social welfare, and criminal justice sectors can meet the criteria. This specification sets normative requirements for published terms, design, and delivery that can uphold children's rights and promote their well-being. Data privacy and security are complex and highly regulated areas of law, particularly as related to children and young people. The relevant legal definitions and requirements are rapidly evolving, and may vary at the local, state, national, and regional level. It is also important to have regard for national and regional human rights laws which also apply to children, such as the European Convention on Human Rights and the EU Charter of Fundamental Rights applying the child's best interests as a primary consideration in all matters that affect them. No specification can provide unconditional consistency with all such laws and regulations. Users of this specification are responsible for referring to and observing all applicable legal and regulatory requirements, and should refer questions of compliance to competent legal counsel with expertise in the relevant jurisdiction.

Keel: en

Alusdokumendid: CWA 18016:2023

**EVS-EN ISO 19115-3:2023****Geographic information - Metadata - Part 3: XML schema implementation for fundamental concepts (ISO 19115-3:2023)**

This document defines an integrated XML implementation of ISO 19115-1 and ISO 19115-2 by defining the following artefacts: — a set of XML schema required to validate metadata instance documents conforming to conceptual model elements defined in ISO 19115-1 and ISO 19115-2; and — a set of ISO/IEC 19757-3 (Schematron) rules that implement validation constraints in the ISO 19115-1 and ISO 19115-2 UML models that are not validated by the XML schema. This document describes the procedure used to generate XML schemas from ISO geographic information conceptual models related to metadata. The XML schemas are generated directly from the conceptual UML model (8.5).

Keel: en

Alusdokumendid: ISO 19115-3:2023; EN ISO 19115-3:2023

**EVS-EN ISO/IEEE 11073-10419:2023****Health informatics - Personal health device communication - Part 10419: Device specialization - Insulin pump (ISO/IEEE 11073-10419:2019)**

This standard establishes a normative definition of communication between personal telehealth insulin pump devices (agents) and managers (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages work done in other ISO/IEEE 11073 standards including existing terminology, information profiles, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments, restricting optionality in base frameworks in favor of interoperability. This standard defines a common core functionality of personal telehealth insulin pump devices. In the context of personal health devices (PHDs), an insulin pump is a medical device used for the administration of insulin in the treatment of diabetes mellitus, also known as continuous subcutaneous insulin infusion (CSII) therapy. This standard provides the data modeling according to ISO/IEEE 11073-20601 and does not specify the measurement method.

Keel: en

Alusdokumendid: ISO/IEEE 11073-10419:2019; EN ISO/IEEE 11073-10419:2023

Asendab dokumenti: EVS-EN ISO 11073-10419:2016

## 43 MAANTEESÕIDUKITE EHITUS

### **EVS-EN IEC 63281-1:2023**

#### **E-Transporters - Part 1: Terminology and classification**

This document specifies the terminology and classification of e-Transporters. This document is applicable to "e-Transporters": electrically powered transport devices for use on public roads or in public spaces. These e-Transporters provide solutions for transporting either passengers or goods, or both. These devices can be manually controlled, have automated functions or be autonomous.

Keel: en

Alusdokumendid: IEC 63281-1:2023; EN IEC 63281-1:2023

### **EVS-EN ISO 11243:2023**

#### **Rattad. Jalgrataste pakiraamid. Nõuded ja katsemeetodid**

#### **Cycles - Luggage carriers for bicycles - Requirements and test methods (ISO 11243:2023)**

This document specifies safety and performance requirements for the design and testing of both non cycle specific luggage carriers intended for mounting (with or without tools) and cycle specific luggage carriers mounted on complete cycles. It applies to luggage carriers intended to be positioned above and adjacent to the wheels of cycles. This document lays down guidelines for instructions on the use and care of such luggage carriers. This document does not apply to removable luggage (for example, handlebar bags or baskets that are not permanently attached). Toy carrier intended to be mounted on bicycles for young children in the scope of ISO 8098 are not covered by this document.

Keel: en

Alusdokumendid: ISO 11243:2023; EN ISO 11243:2023

Asendab dokumenti: EVS-EN ISO 11243:2016

## 45 RAUDTEETEHNIKA

### **EVS-EN 15016-1:2023**

#### **Railway applications - Technical documents - Part 1: General principles**

This document specifies the preparation, administration, and reproduction of technical documents. It complies with the requirements of EN, ISO or IEC Standards for technical documents. This document is applicable to all technical documents for railway applications, irrespective of technology i.e., mechanical, pneumatic, hydraulic, electric, electronic etc.

Keel: en

Alusdokumendid: EN 15016-1:2023

Asendab dokumenti: EVS-EN 15016-1:2005

### **EVS-EN 15016-2:2023**

#### **Railway applications - Technical documents - Part 2: Parts lists**

This document specifies the preparation and reproduction of design parts lists. This document defines the basic principles and structure of design parts lists. This document is applicable to all design parts lists for railway applications.

Keel: en

Alusdokumendid: EN 15016-2:2023

Asendab dokumenti: EVS-EN 15016-2:2005

Asendab dokumenti: EVS-EN 15016-2:2005/AC:2007

### **EVS-EN 15016-3:2023**

#### **Railway applications - Technical documents - Part 3: Handling of modifications of technical documents**

This document specifies the basis of revising technical design documents. This document is applicable to all technical design documents for railway applications, irrespective of the material form like transparency originals, plotter drawings, aperture cards, computer readable data media, photoprints etc.

Keel: en

Alusdokumendid: EN 15016-3:2023

Asendab dokumenti: EVS-EN 15016-3:2005

### **EVS-EN ISO 19659-1:2023**

#### **Railway applications - Heating, ventilation and air conditioning systems for rolling stock - Part 1: Terms and definitions (ISO 19659-1:2017)**

This document is applicable to rail vehicles and specifies the terms, definitions, symbols and abbreviated terms to be used in the ISO 19659 series, heating, ventilation and air conditioning for rolling stock.

Keel: en

Alusdokumendid: ISO 19659-1:2017; EN ISO 19659-1:2023

## 47 LAEVAEHITUS JA MERE-EHITISED

### **EVS-EN ISO 9519:2023**

#### **Ships and marine technology - Single rungs and rungs for dog-step ladders (ISO 9519:2023)**

This document specifies the types, structure, dimensions, technical requirements, inspection and designation of single rungs and rungs for dog-step ladders, fitted to the vertical panel or masts of ships or other marine structures.

Keel: en

Alusdokumendid: ISO 9519:2023; EN ISO 9519:2023

Asendab dokumenti: EVS-EN 29519:2000

## 49 LENNUNDUS JA KOSMOSETEHNIKA

### **EVS-EN 6093:2023**

#### **Aerospace series - Receptacle, floating, single lug**

This document specifies the dimensions, tolerances, required characteristics and mass of a receptacle for use in fuselage interior equipment and structural applications. This document is intended to be used in conjunction with studs according to EN 6088 or EN 6105.

Keel: en

Alusdokumendid: EN 6093:2023

## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

### **EVS-EN 17900:2023**

#### **Leather - Standard data for the calculation of leather density**

This document specifies average values of leather density, depending on animal origin and thickness of finished leather, to be used for the calculation of LCA. This document is applicable to bovine, caprine and ovine types of leather. This document does not apply to vegetable sole leather which is traded by weight.

Keel: en

Alusdokumendid: EN 17900:2023

### **EVS-EN ISO 17751-2:2023**

#### **Textiles - Quantitative analysis of cashmere, wool, other specialty animal fibres and their blends - Part 2: Scanning electron microscopy method (ISO 17751-2:2023)**

This document specifies a method for the identification, qualitative, and quantitative analysis of cashmere, wool, other speciality animal fibres, and their blends using scanning electron microscopy (SEM). It is applicable to loose fibres, intermediate products, and final products of cashmere, wool, other speciality animal fibres, and their blends.

Keel: en

Alusdokumendid: ISO 17751-2:2023; EN ISO 17751-2:2023

Asendab dokumenti: EVS-EN ISO 17751-2:2016

### **EVS-EN ISO 5978:2023**

#### **Rubber- or plastics-coated fabrics - Determination of blocking resistance (ISO 5978:2023)**

This document specifies a method for the determination of the resistance of rubber- or plastics-coated fabric sheets to blocking when left in contact for specified temperature, time and pressure.

Keel: en

Alusdokumendid: ISO 5978:2023; EN ISO 5978:2023

Asendab dokumenti: EVS-EN 25978:2000

## 75 NAFTA JA NAFTATEHNOLOOGIA

### **EVS-EN ISO 21911-1:2023**

#### **Solid recovered fuels - Determination of self-heating - Part 1: Isothermal calorimetry (ISO 21911-1:2022)**

This document specifies an analytical method for quantification of the spontaneous heat generation from solid recovered fuels using isothermal calorimetry. This document gives guidance on the applicability and use of the specified analytical method. It further establishes procedures for sampling and sample handling of solid recovered fuels prior to the analysis of spontaneous heat generation. The test procedure given in this document quantifies the thermal power (heat flow) of the sample during the test. It does not identify the source of self-heating in the test portion analysed.

Keel: en

Alusdokumendid: ISO 21911-1:2022; EN ISO 21911-1:2023

### **EVS-EN ISO 2614:2023**

#### **Analysis of natural gas - Biomethane - Determination of terpenes' content by micro gas chromatography (ISO 2614:2023)**

This document specifies a micro gas chromatography method for the on-line or offline determination of the content of five terpenes in biomethane, namely: — alpha-pinene, — beta-pinene, — para-cymene, — limonene, — 3-carene. The method is specifically developed for these five compounds. Information about the compounds is given in Annex A. The method is applicable to the determination of individual amount fractions of the five terpenes from 1 µmol/mol up to and including 10 µmol/mol. With minor modifications it can also be used for terpene amount fractions above 10 µmol/mol.

Keel: en

Alusdokumendid: ISO 2614:2023; EN ISO 2614:2023

## **83 KUMMI- JA PLASTITÖÖSTUS**

### **EVS-EN ISO 1172:2023**

#### **Textile-glass-reinforced plastics - Prepregs, moulding compounds and laminates - Determination of the textile-glass and mineral-filler content using calcination methods (ISO 1172:2023)**

This document specifies two calcination methods for the determination of the textile glass and mineral filler content of glass-reinforced plastics: — Method A: for the determination of the textile glass content when no mineral fillers are present. — Method B: for the determination of the textile-glass and mineral-filler content when both components are present. This document is applicable to the following types of material: — prepregs made from yarns, rovings, tapes or fabrics; — SMC, BMC and DMC moulding compounds; — textile-glass-reinforced thermoplastic moulding materials and granules; — filled or unfilled textile-glass laminates made with thermosetting or thermoplastic resins. The methods do not apply to the following types of reinforced plastic: — those containing reinforcements other than textile glass; — those containing materials which do not completely burn off at the test temperature (for example, those based on silicone resin); — those containing mineral fillers which degrade at temperatures below the minimum calcination temperature.

Keel: en

Alusdokumendid: ISO 1172:2023; EN ISO 1172:2023

Asendab dokumenti: EVS-EN ISO 1172:2000

### **EVS-EN ISO 13927:2023**

#### **Plastics - Simple heat release test using a conical radiant heater and a thermopile detector (ISO 13927:2023)**

This document specifies a method suitable for the production control or product development purposes for assessing the heat release rate of essentially flat products exposed in the horizontal orientation to controlled levels of radiant heating with an external igniter. The heat release rate is determined by the use of a thermopile instead of the more accurate oxygen consumption techniques. The time to ignition and sustained flaming are also measured in this test. The mass loss of the test specimen can also be measured optionally.

Keel: en

Alusdokumendid: ISO 13927:2023; EN ISO 13927:2023

Asendab dokumenti: EVS-EN ISO 13927:2015

### **EVS-EN ISO 20200:2023**

#### **Plastics - Determination of the degree of disintegration of plastic materials under composting conditions in a laboratory-scale test (ISO 20200:2023)**

This document specifies a method of determining the degree of disintegration of plastic materials when exposed to a laboratory-scale composting environment. The method is not applicable to the determination of the biodegradability of plastic materials under composting conditions. Further testing is necessary to be able to claim compostability.

Keel: en

Alusdokumendid: ISO 20200:2023; EN ISO 20200:2023

Asendab dokumenti: EVS-EN ISO 20200:2015

### **EVS-EN ISO 21368:2023**

#### **Adhesives - Guidelines for the fabrication of adhesively bonded structures and reporting procedures suitable for the risk evaluation of such structures (ISO 21368:2022)**

This document provides guidelines describing the adhesive bonding quality requirements suitable for use by adhesive user-companies utilizing adhesive bonding as a means of fabrication. In particular, the guidelines define various approaches to meeting quality requirements for fabrication and reporting procedures, both in workshops and on site. These guidelines aim to convey the importance of maintaining quality standards in fabrication and reporting procedures, keeping records and thus enabling documentation to provide the basis for risk evaluation of adhesively bonded structures in service and in use. These guidelines have been prepared such that: a) they are independent of the type of adhesively bonded structure; b) they are independent of adhesive user-companies' and suppliers' product recommendations; c) they define the quality requirements for adhesive bonding in terms of fabrication and reporting procedures, both in workshops and on site; d) they can be used as the basis for risk evaluation of adhesively bonded structures in service and in use; e) they can be used as a basis for assessing a fabricator's capability to produce adhesively bonded structures fulfilling specified quality requirements when they are detailed in one or more of the following: — a contract between the parties involved; — an application standard; — a regulatory statement. The guidelines

contained within this document can be adopted in full or selectively chosen by the adhesive user to suit the structure concerned. The guidelines provide a flexible framework for the control of adhesive bonding activities in the following cases. Case 1 The provision of specific requirements for adhesive bonding in contracts that require the adhesive user to have a quality system other than ISO 9001. Case 2 The provision of specific requirements for adhesive bonding as guidance to an adhesive user developing a quality system. Case 3 The provision of specific requirements for references in application standards that uses adhesive bonding as part of its requirements or in a contract between relevant parties. Case 4 The provision of a framework for fabrication and reporting procedures to a quality standard, suitable in particular as a basis for the risk evaluation of adhesively bonded structures.

Keel: en

Alusdokumendid: ISO 21368:2022; EN ISO 21368:2023

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

### **EVS-EN ISO 22553-15:2023**

#### **Paints and varnishes - Electro-deposition coatings - Part 15: Permeate residues (ISO 22553-15:2022)**

This document specifies a test method for the evaluation of protection against corrosion of edges and stamping burrs by electro-deposition coatings. It applies to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en

Alusdokumendid: ISO 22553-15:2022; EN ISO 22553-15:2023

### **EVS-EN ISO 22553-16:2023**

#### **Paints and varnishes - Electro-deposition coatings - Part 16: Pigment-binder ratio (ISO 22553-16:2022)**

This document specifies a test method for determining the pigment-binder ratio. It applies to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en

Alusdokumendid: ISO 22553-16:2022; EN ISO 22553-16:2023

### **EVS-EN ISO 8130-16:2023**

#### **Coating powders - Part 16: Determination of density by liquid displacement in a measuring cylinder (ISO 8130-16:2022)**

This document specifies a method for determining the density of coating powders by liquid displacement in a measuring cylinder. The method is based on a determination of the mass and the volume of a test portion. It can be used for all types of coating powders. NOTE If the powder does not swell in contact with the displacement liquid used and if the displacement liquid replaces the air between the powder particles, it can then be used and compared with the method described in ISO 8130-3.

Keel: en

Alusdokumendid: ISO 8130-16:2022; EN ISO 8130-16:2023

## 91 EHITUSMATERJALID JA EHITUS

### **EVS-EN 17840:2023**

#### **Performance and condition assessment for buildings and civil engineering works - Framework for assessment within physical asset management**

This document specifies and gives guidance on the performance and condition assessment process of existing physical assets in the utilization stage (from commissioning to the end of life). This document relates to assessment of physical assets within the building and civil engineering sector; however, it can also be used in other sectors where applicable. This document specifies a generic framework for assessment, specification of requirements, the observation process and gathering of the required information in order to sustain informed asset management decision making. This document is an umbrella standard and refers to other standards for detailed methods. It does not replace any other standard, but is an addition to provide a system for the assessment work. NOTE 1 The references to other standards only relate to building and civil engineering works. There are no references for production machinery and equipment, offshore, electrical and mechanical assets, mobile assets and non-tangible assets. NOTE 2 In this document the physical assets will be referred to as assets, except in the Clause Terms and definitions.

Keel: en

Alusdokumendid: EN 17840:2023

### **EVS-EN IEC 62561-3:2023**

#### **Lightning protection system components (LPSC) - Part 3: Requirements for isolating spark gaps (ISGs)**

IEC 62561-3:2023 specifies the requirements and tests for isolating spark gaps (ISGs) for lightning protection systems. ISGs can be used to indirectly bond a lightning protection system to other nearby metalwork where a direct bond is not permissible for functional reasons. This third edition cancels and replaces the second edition, published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition. a) alignment



with the latest edition of ISO 22479 relating to humid sulphurous atmosphere treatment; b) addition of a new normative Annex D for the applicability of previous tests.

Keel: en

Alusdokumendid: IEC 62561-3:2023; EN IEC 62561-3:2023

Asendab dokumenti: EVS-EN 62561-3:2017

### **EVS-HD 60364-4-43:2023**

#### **Madalpingelised elektripaigaldised. Osa 4-43: Kaitseviisid. Liigvoolukaitse Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent (IEC 60364-4-43:2023)**

Standardisarja IEC 60364 selles osas on esitatud nõuded — pingestatud juhtide, PEN-, PEM- ja PEL-juhtide kaitsele liigvoolust põhjustatud kahjulike toimete eest; — liigvoolu kaitsemeetmete koordineerimisele. MÄRKUS 1 Selle dokumendi nõuded ei võta arvesse välistoimeid. MÄRKUS 2 Juhtide kaitse selle dokumendi kohaselt ei pruugi tingimata kaitsta nende juhtidega ühendatud seadmeid. MÄRKUS 3 Paindkaablid ja -juhtmed, mis on ühendatud kohtkindla paigaldisega pistikühenduste kaudu, ei kuulu selle dokumendi käsitusallasse ega pruugi seetõttu tingimata osutada kaitstuks liigvoolu põhjustatud kahjulike toimete eest.

Keel: en, et

Alusdokumendid: IEC 60364-4-43:2023; HD 60364-4-43:2023

Asendab dokumenti: EVS-HD 60364-4-43:2010

## **93 RAJATISED**

### **EVS-EN 12697-47:2023**

#### **Bituminous mixtures - Test methods - Part 47: Determination of the ash content of natural asphalts**

This document specifies a test method to determine the ash content in natural asphalts (including lake asphalts), binders containing natural asphalts or bitumens. For the method to apply, it is essential that any mineral matter in the binder be finely divided and cannot exceed a mass fraction of 45 %.

Keel: en

Alusdokumendid: EN 12697-47:2023

Asendab dokumenti: EVS-EN 12697-47:2010

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

### **CEN/TS 17959:2023**

#### **Safety of amusement rides and devices: Manufacturing quality recommendations for machinery components**

This document provides a method on how to assign minimum acceptable manufacturing quality requirements to amusement device metallic components which have been classified as machinery components. Bonded assemblies made in plastic composites are excluded from this scope. Quality requirements can be found in EN 13814-1:2019, 5.4.3.7.

Keel: en

Alusdokumendid: CEN/TS 17959:2023

### **CWA 18016:2023**

#### **Age appropriate digital services framework**

This specification establishes a set of processes for developing age appropriate digital services for situations where users are children. The specification has the following features: a) Recognition that the user may be a child b) Consideration for the evolving capacities of the child c) Upholds the rights of children d) Offers terms appropriate to children e) Presents information in an age appropriate way f) Offers a level of validation for service design decisions This specification provides a specific impact rating system and evaluation criteria and explains how vendors, and public institutions used by children such as in the education, health, social welfare, and criminal justice sectors can meet the criteria. This specification sets normative requirements for published terms, design, and delivery that can uphold children's rights and promote their well-being. Data privacy and security are complex and highly regulated areas of law, particularly as related to children and young people. The relevant legal definitions and requirements are rapidly evolving, and may vary at the local, state, national, and regional level. It is also important to have regard for national and regional human rights laws which also apply to children, such as the European Convention on Human Rights and the EU Charter of Fundamental Rights applying the child's best interests as a primary consideration in all matters that affect them. No specification can provide unconditional consistency with all such laws and regulations. Users of this specification are responsible for referring to and observing all applicable legal and regulatory requirements, and should refer questions of compliance to competent legal counsel with expertise in the relevant jurisdiction.

Keel: en

Alusdokumendid: CWA 18016:2023



**EVS-EN IEC 62885-4:2020/A1:2023**

**Pinnapuhastusseadmed. Osa 4: Juhtmevabad kuivtolmuimejad majapidamis- ja muuks taoliseks kasutamiseks. Toimivuse mõõtemetodid**  
**Surface cleaning appliances - Part 4: Cordless dry vacuum cleaners for household or similar use - Methods for measuring the performance**

Amendment to EN IEC 62885-4:2020

Keel: en

Alusdokumendid: IEC 62885-4:2020/AMD1:2023; EN IEC 62885-4:2020/A1:2023

Muudab dokumenti: EVS-EN IEC 62885-4:2020

# ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### **EVS-EN 15016-1:2005**

#### **Tehnilised joonised – Raudteealased rakendused – Osa 1: Üldpõhimõtted Technical drawings - Railway applications - Part 1: General principles**

Keel: en, et

Alusdokumendid: EN 15016-1:2004

Asendatud järgmise dokumendiga: EVS-EN 15016-1:2023

Standardi staatus: Kehtetu

### **EVS-EN 15016-2:2005**

#### **Tehnilised joonised. Raudteealased rakendused. Osa 2: Osade loetelud Technical drawings - Railway applications - Part 2: Parts lists**

Keel: en, et

Alusdokumendid: EN 15016-2:2004

Asendatud järgmise dokumendiga: EVS-EN 15016-2:2023

Parandatud järgmise dokumendiga: EVS-EN 15016-2:2005/AC:2007

Standardi staatus: Kehtetu

### **EVS-EN 15016-2:2005/AC:2007**

#### **Tehnilised joonised. Raudteealased rakendused. Osa 2: Osade loetelud Technical drawings - Railway applications - Part 2: Parts lists**

Keel: en

Alusdokumendid: EN 15016-2:2004/AC:2007

Asendatud järgmise dokumendiga: EVS-EN 15016-2:2023

Standardi staatus: Kehtetu

### **EVS-EN 15016-3:2005**

#### **Tehnilised joonised. Raudteealased rakendused. Osa 3: Tehniliste dokumentide muudatuste käsitlemine Technical drawings - Railway applications - Part 3: Handling of modifications of technical documents**

Keel: en, et

Alusdokumendid: EN 15016-3:2004

Asendatud järgmise dokumendiga: EVS-EN 15016-3:2023

Standardi staatus: Kehtetu

### **EVS-EN 60383-1:2002**

#### **Insulators for overhead lines with a nominal voltage above 1 k V - Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria**

Keel: en

Alusdokumendid: IEC 60383-1:1993; EN 60383-1:1996+A11:1999

Asendatud järgmise dokumendiga: EVS-EN IEC 60383-1:2023

Standardi staatus: Kehtetu

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

### **CEN ISO/TR 16401-1:2018**

#### **Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-2 - Part 1: Test suite structure and test purposes (ISO/TR 16401-1:2018)**

Keel: en

Alusdokumendid: ISO/TR 16401-1:2018; CEN ISO/TR 16401-1:2018

Standardi staatus: Kehtetu

### **EVS-EN ISO 16407-1:2017**

#### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 1: Test suite structure and test purposes (ISO 16407-1:2017)**

Keel: en

Alusdokumendid: ISO 16407-1:2017; EN ISO 16407-1:2017  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 16407-2:2018**

### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 2: Abstract test suite (ISO 16407-2:2018)**

Keel: en  
Alusdokumendid: ISO 16407-2:2018; EN ISO 16407-2:2018  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 16410-1:2017**

### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-3 - Part 1: Test suite structure and test purposes (ISO 16410-1:2017)**

Keel: en  
Alusdokumendid: ISO 16410-1:2017; EN ISO 16410-1:2017  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 16410-2:2018**

### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-3 - Part 2: Abstract test suite (ISO 16410-2:2018)**

Keel: en  
Alusdokumendid: ISO 16410-2:2018; EN ISO 16410-2:2018  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 17575-1:2016**

### **Electronic fee collection - Application interface definition for autonomous systems - Part 1: Charging (ISO 17575-1:2016)**

Keel: en  
Alusdokumendid: ISO 17575-1:2016; EN ISO 17575-1:2016  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 17575-2:2016**

### **Tasude elektrooniline kogumine. Rakendusliidese määratlus autonoomsüsteemidele. Osa 2: Side ja ühendus alumiste kihtidega Electronic fee collection - Application interface definition for autonomous systems - Part 2: Communication and connection to the lower layers (ISO 17575-2:2016)**

Keel: en  
Alusdokumendid: ISO 17575-2:2016; EN ISO 17575-2:2016  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 17575-3:2016**

### **Tasude elektrooniline kogumine. Rakendusliidese määratlus autonoomsüsteemidele. Osa 3: Andmestiku kontekst Electronic fee collection - Application interface definition for autonomous systems - Part 3: Context data (ISO 17575-3:2016)**

Keel: en  
Alusdokumendid: ISO 17575-3:2016; EN ISO 17575-3:2016  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 25110:2017**

### **Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC) (ISO 25110:2017)**

Keel: en  
Alusdokumendid: ISO 25110:2017; EN ISO 25110:2017  
Standardi staatus: Kehtetu

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

#### **CLC/TR 50600-99-2:2021**

### **Information technology - Data centre facilities and infrastructures - Part 99-2: Recommended practices for environmental sustainability**

Keel: en

Alusdokumendid: CLC/TR 50600-99-2:2021  
Asendatud järgmise dokumendiga: CLC/TS 50600-5-1:2023  
Standardi staatus: Kehtetu

### **EVS-EN 15713:2009**

#### **Secure destruction of confidential material - Code of practice**

Keel: en  
Alusdokumendid: EN 15713:2009  
Asendatud järgmise dokumendiga: EVS-EN 15713:2023  
Standardi staatus: Kehtetu

### **EVS-EN ISO 19238:2017**

#### **Radiological protection - Performance criteria for service laboratories performing biological dosimetry by cytogenetics (ISO 19238:2014)**

Keel: en  
Alusdokumendid: ISO 19238:2014; EN ISO 19238:2017  
Asendatud järgmise dokumendiga: EVS-EN ISO 19238:2023  
Standardi staatus: Kehtetu

### **EVS-ISO 45001:2018**

#### **Töötervishoiu ja tööohutuse juhtimissüsteemid. Nõuded koos kasutusjuhistega Occupational health and safety management systems -- Requirements with guidance for use (ISO 45001:2018, identical)**

Keel: et-en  
Alusdokumendid: ISO 45001:2018  
Asendatud järgmise dokumendiga: EVS-EN ISO 45001:2023  
Standardi staatus: Kehtetu

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

### **EVS-EN 60704-2-14:2013/A11:2015**

#### **Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-14: Erinõuded külmikutele, külmkambritele ja sügavkülmutitele Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers**

Keel: en  
Alusdokumendid: EN 60704-2-14:2013/A11:2015  
Standardi staatus: Kehtetu

### **EVS-EN ISO 19238:2017**

#### **Radiological protection - Performance criteria for service laboratories performing biological dosimetry by cytogenetics (ISO 19238:2014)**

Keel: en  
Alusdokumendid: ISO 19238:2014; EN ISO 19238:2017  
Asendatud järgmise dokumendiga: EVS-EN ISO 19238:2023  
Standardi staatus: Kehtetu

## **21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD**

### **EVS-EN ISO 4032:2012**

#### **Kuuskantmutrid (tüüp 1). Tooteklassid A ja B (ISO 4032:2012) Hexagon regular nuts (style 1) - Product grades A and B (ISO 4032:2012)**

Keel: en  
Alusdokumendid: ISO 4032:2012; EN ISO 4032:2012  
Asendatud järgmise dokumendiga: EVS-EN ISO 4032:2023  
Standardi staatus: Kehtetu

### **EVS-EN ISO 4033:2012**

#### **Kuuskantmutrid (tüüp 2). Tooteklassid A ja B (ISO 4033:2012) Hexagon high nuts (style 2) - Product grades A and B (ISO 4033:2012)**

Keel: en  
Alusdokumendid: ISO 4033:2012; EN ISO 4033:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 4033:2023  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 4035:2012**

### **Madalad kuuskantmutrid (faasitud). Tooteklassid A ja B (ISO 4035:2012) Hexagon thin nuts chamfered (style 0) - Product grades A and B (ISO 4035:2012)**

Keel: en  
Alusdokumendid: ISO 4035:2012; EN ISO 4035:2012  
Asendatud järgmise dokumendiga: EVS-EN ISO 4035:2023  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 8673:2012**

### **Hexagon regular nuts (style 1) with metric fine pitch thread - Product grades A and B (ISO 8673:2012)**

Keel: en  
Alusdokumendid: ISO 8673:2012; EN ISO 8673:2012  
Asendatud järgmise dokumendiga: EVS-EN ISO 8673:2023  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 8674:2012**

### **Hexagon high nuts (style 2) with metric fine pitch thread - Product grades A and B (ISO 8674:2012)**

Keel: en  
Alusdokumendid: ISO 8674:2012; EN ISO 8674:2012  
Asendatud järgmise dokumendiga: EVS-EN ISO 8674:2023  
Standardi staatus: Kehtetu

#### **EVS-EN ISO 8675:2012**

### **Madalad meetersüsteemis peenkeermega kuuskantmutrid (faasitud). Tooteklassid A ja B (ISO 8675:2012)**

### **Hexagon thin nuts chamfered (style 0) with metric fine pitch thread - Product grades A and B (ISO 8675:2012)**

Keel: en  
Alusdokumendid: ISO 8675:2012; EN ISO 8675:2012  
Asendatud järgmise dokumendiga: EVS-EN ISO 8675:2023  
Standardi staatus: Kehtetu

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

#### **EVS-EN ISO 11623:2015**

### **Gas cylinders - Composite construction - Periodic inspection and testing (ISO 11623:2015, Corrected version 2017-02)**

Keel: en  
Alusdokumendid: ISO 11623:2015; EN ISO 11623:2015  
Asendatud järgmise dokumendiga: EVS-EN ISO 11623:2023  
Standardi staatus: Kehtetu

## **25 TOOTMISTEHNOLLOOGIA**

#### **EVS-EN ISO 14920:2015**

### **Thermal spraying - Spraying and fusing of self-fluxing alloys (ISO 14920:2015)**

Keel: en  
Alusdokumendid: ISO 14920:2015; EN ISO 14920:2015  
Asendatud järgmise dokumendiga: EVS-EN ISO 14920:2023  
Standardi staatus: Kehtetu

#### **EVS-EN ISO/ASTM 52902:2019**

### **Additive manufacturing - Test artifacts - Geometric capability assessment of additive manufacturing systems (ISO/ASTM 52902:2019)**

Keel: en  
Alusdokumendid: ISO/ASTM 52902:2019; EN ISO/ASTM 52902:2019  
Asendatud järgmise dokumendiga: EVS-EN ISO/ASTM 52902:2023  
Standardi staatus: Kehtetu

## 29 ELEKTROTEHNIKA

### **EVS-EN 60383-1:2002**

#### **Insulators for overhead lines with a nominal voltage above 1 k V - Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria**

Keel: en

Alusdokumendid: IEC 60383-1:1993; EN 60383-1:1996+A11:1999

Asendatud järgmise dokumendiga: EVS-EN IEC 60383-1:2023

Standardi staatus: Kehtetu

### **EVS-EN 61100:2002**

#### **Classification of insulating liquids according to fire point and net calorific value**

Keel: en

Alusdokumendid: IEC 61100:1992; EN 61100:1992

Standardi staatus: Kehtetu

### **EVS-EN 61221:2004**

#### **Petroleum products and lubricants - Triaryl phosphate ester turbine control fluids (category ISO-L-TCD) - Specifications**

Keel: en

Alusdokumendid: IEC 61221:2004; EN 61221:2004

Standardi staatus: Kehtetu

### **EVS-EN 62044-3:2002**

#### **Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level**

Keel: en

Alusdokumendid: IEC 62044-3:2000; EN 62044-3:2001

Asendatud järgmise dokumendiga: EVS-EN IEC 62044-3:2023

Parandatud järgmise dokumendiga: EVS-EN 62044-3:2002/AC:2021

Standardi staatus: Kehtetu

### **EVS-EN 62044-3:2002/AC:2021**

#### **Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level**

Keel: en

Alusdokumendid: IEC 62044-3:2000/COR1:2021; EN 62044-3:2001/AC:2021-11

Asendatud järgmise dokumendiga: EVS-EN IEC 62044-3:2023

Standardi staatus: Kehtetu

### **EVS-EN 62561-3:2017**

#### **Lightning Protection System Components (LPSC) - Part 3: Requirements for isolating spark gaps (ISG)**

Keel: en

Alusdokumendid: IEC 62561-3:2017; EN 62561-3:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 62561-3:2023

Standardi staatus: Kehtetu

### **EVS-HD 60364-4-43:2010**

#### **Madalpingelised elektripaigaldised. Osa 4-43: Kaitseviisid. Liigvoolukaitse Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent**

Keel: en, et

Alusdokumendid: IEC 60364-4-43:2008; HD 60364-4-43:2010

Asendatud järgmise dokumendiga: EVS-HD 60364-4-43:2023

Standardi staatus: Kehtetu

## 31 ELEKTROONIKA

### **EVS-EN 165000-5:2002**

#### **Film and hybrid integrated circuits - Part 5: Procedure for qualification approval**

Keel: en

Alusdokumendid: EN 165000-5:1997

Standardi staatus: Kehtetu

### **EVS-EN 61076-3-106:2007**

**Connectors for electronic equipment - Product requirements -- Part 3-106: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface**

Keel: en

Alusdokumendid: IEC 61076-3-106:2006; EN 61076-3-106:2006

Asendatud järgmise dokumendiga: EVS-EN IEC 61076-3-106:2023

Standardi staatus: Kehtetu

### **EVS-EN 61747-1:2002**

**Liquid crystal and solid-state display devices - Part 1: Generic specification**

Keel: en

Alusdokumendid: IEC 61747-1:1998; EN 61747-1:1999

Muudetud järgmise dokumendiga: EVS-EN 61747-1:2002/A1:2003

Standardi staatus: Kehtetu

### **EVS-EN 61747-1:2002/A1:2003**

**Liquid crystal and solid-state display devices - Part 1: Generic specification**

Keel: en

Alusdokumendid: IEC 61747-1:1998/A1:2003; EN 61747-1:1999/A1:2003

Standardi staatus: Kehtetu

### **EVS-EN 61747-2:2002**

**Liquid crystal and solid-state display devices - Part 2: Liquid crystal display modules - Sectional specification**

Keel: en

Alusdokumendid: IEC 61747-2:1998; EN 61747-2:1999

Standardi staatus: Kehtetu

### **EVS-EN 62341-5-2:2013**

**Organic light emitting diode (OLED) displays -- Part 5-2: Mechanical endurance testing methods**

Keel: en

Alusdokumendid: IEC 62341-5-2:2013; EN 62341-5-2:2013

Standardi staatus: Kehtetu

### **EVS-EN 62341-6-1:2011**

**Organic Light Emitting Diode (OLED) displays - Part 6-1: Measuring methods of optical and electro-optical parameters**

Keel: en

Alusdokumendid: IEC 62341-6-1:2009; EN 62341-6-1:2011

Standardi staatus: Kehtetu

### **EVS-EN 62341-6-2:2012**

**Organic light emitting diode (OLED) displays - Part 6-2: Measuring methods of visual quality and ambient performance**

Keel: en

Alusdokumendid: IEC 62341-6-2:2012; EN 62341-6-2:2012

Standardi staatus: Kehtetu

### **EVS-EN 62595-1-2:2012**

**LCD backlight unit - Part 1-2: Terminology and letter symbols**

Keel: en

Alusdokumendid: IEC 62595-1-2:2011; EN 62595-1-2:2012

Standardi staatus: Kehtetu

### **EVS-EN 62595-2:2013**

**LCD backlight unit - Part 2: Electro-optical measurement methods of LED backlight unit (IEC 62595-2:2012)**



Keel: en  
Alusdokumendid: IEC 62595-2:2012; EN 62595-2:2013  
Standardi staatus: Kehtetu

### **EVS-EN 62629-22-1:2013**

#### **3D Display Devices - Part 22-1: Measuring methods for autostereoscopic displays - Optical (IEC 62629-22-1:2013)**

Keel: en  
Alusdokumendid: IEC 62629-22-1:2013; EN 62629-22-1:2013  
Standardi staatus: Kehtetu

## **33 SIDETEHNIKA**

### **EVS-EN 60793-1-44:2011**

#### **Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength**

Keel: en  
Alusdokumendid: IEC 60793-1-44:2011; EN 60793-1-44:2011  
Asendatud järgmise dokumendiga: EVS-EN IEC 60793-1-44:2023  
Standardi staatus: Kehtetu

### **EVS-EN 61300-2-26:2007**

#### **Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-26: Tests - Salt mist**

Keel: en  
Alusdokumendid: IEC 61300-2-26:2006; EN 61300-2-26:2007  
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-2-26:2023  
Standardi staatus: Kehtetu

### **EVS-EN IEC 62149-3:2020**

#### **Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems**

Keel: en  
Alusdokumendid: IEC 62149-3:2020; EN IEC 62149-3:2020  
Asendatud järgmise dokumendiga: EVS-EN IEC 62149-3:2023  
Parandatud järgmise dokumendiga: EVS-EN IEC 62149-3:2020/AC:2021  
Standardi staatus: Kehtetu

### **EVS-EN IEC 62149-3:2020/AC:2021**

#### **Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems**

Keel: en  
Alusdokumendid: IEC 62149-3:2020/COR1:2021; EN IEC 62149-3:2020/AC:2021-03  
Asendatud järgmise dokumendiga: EVS-EN IEC 62149-3:2023  
Standardi staatus: Kehtetu

## **35 INFOTEHNOLOOGIA**

### **CEN ISO/TR 16401-1:2018**

#### **Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-2 - Part 1: Test suite structure and test purposes (ISO/TR 16401-1:2018)**

Keel: en  
Alusdokumendid: ISO/TR 16401-1:2018; CEN ISO/TR 16401-1:2018  
Standardi staatus: Kehtetu

### **CLC/TR 50600-99-1:2021**

#### **Information technology - Data centre facilities and infrastructures - Part 99-1: Recommended practices for energy management**

Keel: en  
Alusdokumendid: CLC/TR 50600-99-1:2021  
Asendatud järgmise dokumendiga: CLC/TS 50600-5-1:2023  
Standardi staatus: Kehtetu

### [CLC/TR 50600-99-2:2021](#)

#### **Information technology - Data centre facilities and infrastructures - Part 99-2: Recommended practices for environmental sustainability**

Keel: en

Alusdokumendid: CLC/TR 50600-99-2:2021

Asendatud järgmise dokumendiga: CLC/TS 50600-5-1:2023

Standardi staatus: Kehtetu

### [CLC/TS 50600-5-1:2021](#)

#### **Information technology - Data centre facilities and infrastructures - Part 5-1: Maturity Model for Energy Management and Environmental Sustainability**

Keel: en

Alusdokumendid: CLC/TS 50600-5-1:2021

Asendatud järgmise dokumendiga: CLC/TS 50600-5-1:2023

Standardi staatus: Kehtetu

### [EVS-EN ISO 11073-10419:2016](#)

#### **Health informatics - Personal health device communication - Part 10419: Device specialization - Insulin pump (ISO/IEEE 11073-10419:2016, Corrected version 2018-03)**

Keel: en

Alusdokumendid: ISO/IEEE 11073-10419:2016; EN ISO 11073-10419:2016

Asendatud järgmise dokumendiga: EVS-EN ISO/IEEE 11073-10419:2023

Standardi staatus: Kehtetu

### [EVS-EN ISO 16407-1:2017](#)

#### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 1: Test suite structure and test purposes (ISO 16407-1:2017)**

Keel: en

Alusdokumendid: ISO 16407-1:2017; EN ISO 16407-1:2017

Standardi staatus: Kehtetu

### [EVS-EN ISO 16407-2:2018](#)

#### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 2: Abstract test suite (ISO 16407-2:2018)**

Keel: en

Alusdokumendid: ISO 16407-2:2018; EN ISO 16407-2:2018

Standardi staatus: Kehtetu

### [EVS-EN ISO 16410-1:2017](#)

#### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-3 - Part 1: Test suite structure and test purposes (ISO 16410-1:2017)**

Keel: en

Alusdokumendid: ISO 16410-1:2017; EN ISO 16410-1:2017

Standardi staatus: Kehtetu

### [EVS-EN ISO 16410-2:2018](#)

#### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-3 - Part 2: Abstract test suite (ISO 16410-2:2018)**

Keel: en

Alusdokumendid: ISO 16410-2:2018; EN ISO 16410-2:2018

Standardi staatus: Kehtetu

### [EVS-EN ISO 17575-1:2016](#)

#### **Electronic fee collection - Application interface definition for autonomous systems - Part 1: Charging (ISO 17575-1:2016)**

Keel: en

Alusdokumendid: ISO 17575-1:2016; EN ISO 17575-1:2016

Standardi staatus: Kehtetu

### **EVS-EN ISO 17575-2:2016**

**Tasude elektrooniline kogumine. Rakendusliidese määratlus autonoomsüsteemidele. Osa 2: Side ja ühendus alumiste kihtidega**  
**Electronic fee collection - Application interface definition for autonomous systems - Part 2: Communication and connection to the lower layers (ISO 17575-2:2016)**

Keel: en

Alusdokumendid: ISO 17575-2:2016; EN ISO 17575-2:2016

Standardi staatus: Kehtetu

### **EVS-EN ISO 17575-3:2016**

**Tasude elektrooniline kogumine. Rakendusliidese määratlus autonoomsüsteemidele. Osa 3: Andmestiku kontekst**  
**Electronic fee collection - Application interface definition for autonomous systems - Part 3: Context data (ISO 17575-3:2016)**

Keel: en

Alusdokumendid: ISO 17575-3:2016; EN ISO 17575-3:2016

Standardi staatus: Kehtetu

### **EVS-EN ISO 25110:2017**

**Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC) (ISO 25110:2017)**

Keel: en

Alusdokumendid: ISO 25110:2017; EN ISO 25110:2017

Standardi staatus: Kehtetu

## **43 MAANTEESÕIDUKITE EHITUS**

### **EVS-EN ISO 11243:2016**

**Rattad. Jalgrataste pakiraamid. Nõuded ja katsemeetodid**  
**Cycles - Luggage carriers for bicycles - Requirements and test methods (ISO 11243:2016)**

Keel: en

Alusdokumendid: ISO 11243:2016; EN ISO 11243:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 11243:2023

Standardi staatus: Kehtetu

### **EVS-EN ISO 8092-1:2000**

**Maanteesõidukid. Sõidukis olevate juhtmekimpude pistikühendused. Osa 1: Märgistused ühepooluselise pistikühenduse korral. Mõõtmed ja erinõuded**  
**Road vehicles - Connections for on-board electrical wiring harnesses - Part 1: Tabs for single-pole connections - Dimensions and specific requirements**

Keel: en

Alusdokumendid: ISO 8092-1:1996; EN ISO 8092-1:1998

Standardi staatus: Kehtetu

### **EVS-EN ISO 8092-2:2006**

**Maanteesõidukid. Sõidukis olevate juhtmekimpude pistikühendused. Osa 2: Määratlused, testimismeetodid ja põhiliste tööparameetrite nõuded**  
**Road vehicles - Connections for on-board electrical wiring harnesses - Part 2: Definitions, test methods and general performance requirements**

Keel: en

Alusdokumendid: ISO 8092-2:2005; EN ISO 8092-2:2005

Standardi staatus: Kehtetu

### **EVS-EN ISO 8092-3:2000**

**Road vehicles - Connections for on-board electrical wiring harnesses - Part 3: Tabs for multi-pole connections - Dimensions and specific requirements**

Keel: en

Alusdokumendid: ISO 8092-3:1996; EN ISO 8092-3:1999

Standardi staatus: Kehtetu

### **EVS-EN ISO 8092-4:2000**

#### **Road vehicles - Connections for on-board electrical wiring harnesses - Part 4: Pins for single- and multi-pole connections - Dimensions and specific requirements**

Keel: en

Alusdokumendid: ISO 8092-4:1997; EN ISO 8092-4:1999

Standardi staatus: Kehtetu

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

### **EVS-EN 29519:2000**

#### **Laevaehitus ja mererajatised. Neljalgredelite astmed Shipbuilding and marine structures - Rungs for dog-step ladders**

Keel: en

Alusdokumendid: ISO 9519:1990; EN 29519:1993

Asendatud järgmise dokumendiga: EVS-EN ISO 9519:2023

Standardi staatus: Kehtetu

## **59 TEKSTIILI- JA NAHATEHNOLOOGIA**

### **EVS-EN 25978:2000**

#### **Kummi või plastiga pealistatud kangasmaterjalid. Takerduvuse määramine Rubber- or plastics-coated fabrics - Determination of blocking resistance**

Keel: en

Alusdokumendid: ISO 5978:1990; EN 25978:1993

Asendatud järgmise dokumendiga: EVS-EN ISO 5978:2023

Standardi staatus: Kehtetu

### **EVS-EN ISO 17751-2:2016**

#### **Textiles - Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends - Part 2: Scanning Electron Microscopy method (ISO 17751-2:2016)**

Keel: en

Alusdokumendid: ISO 17751-2:2016; EN ISO 17751-2:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 17751-2:2023

Standardi staatus: Kehtetu

## **75 NAFTA JA NAFTATEHNOLOOGIA**

### **EVS-EN 61221:2004**

#### **Petroleum products and lubricants - Triaryl phosphate ester turbine control fluids (category ISO-L-TCD) - Specifications**

Keel: en

Alusdokumendid: IEC 61221:2004; EN 61221:2004

Standardi staatus: Kehtetu

## **77 METALLURGIA**

### **EVS-EN 10045-2:2000**

#### **Metallmaterjalid. Löökpaindeteim Charpy meetodil. Osa 2: Löökpendliga katsemasina taatlemine**

#### **Metallic materials - Charpy impact test - Part 2: Verification of the testing machine (pendulum impact)**

Keel: en, et

Alusdokumendid: EN 10045-2:1992 + AC:1993

Asendatud järgmise dokumendiga: EVS-EN ISO 148-2:2009

Asendatud järgmise dokumendiga: EVS-EN ISO 148-3:2009

Standardi staatus: Kehtetu

## 83 KUMMI- JA PLASTITÖÖSTUS

### EVS-EN ISO 1172:2000

**Klaastekstiiliga sarrusplastid. Eelimpregneeritud materjalid, presskompaunid ja laminaadid. Klaastekstiili ja mineraaltäiteaine sisalduse määramine. Kuumutamismeetodid**  
**Textile-glass-reinforced plastics - Prepregs, moulding compounds and laminates - Determination of the textile-glass and mineral-filler content - Calcination methods**

Keel: en

Alusdokumendid: ISO 1172:1996; EN ISO 1172:1998

Asendatud järgmise dokumendiga: EVS-EN ISO 1172:2023

Standardi staatus: Kehtetu

### EVS-EN ISO 13927:2015

**Plastics - Simple heat release test using a conical radiant heater and a thermopile detector (ISO 13927:2015)**

Keel: en

Alusdokumendid: ISO 13927:2015; EN ISO 13927:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 13927:2023

Standardi staatus: Kehtetu

### EVS-EN ISO 20200:2015

**Plastics - Determination of the degree of disintegration of plastic materials under simulated composting conditions in a laboratory-scale test (ISO 20200:2015)**

Keel: en

Alusdokumendid: ISO 20200:2015; EN ISO 20200:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 20200:2023

Standardi staatus: Kehtetu

## 85 PABERITEHNOLOOGIA

### EVS-EN ISO 15755:2000

**Paber ja papp. Võõrkehade hindamine**  
**Paper and board - Estimation of contraries**

Keel: en

Alusdokumendid: ISO 15755:1999; EN ISO 15755:1999

Standardi staatus: Kehtetu

## 91 EHITUSMATERJALID JA EHITUS

### EVS-EN 62561-3:2017

**Lightning Protection System Components (LPSC) - Part 3: Requirements for isolating spark gaps (ISG)**

Keel: en

Alusdokumendid: IEC 62561-3:2017; EN 62561-3:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 62561-3:2023

Standardi staatus: Kehtetu

### EVS-HD 60364-4-43:2010

**Madalpingelised elektripaigaldised. Osa 4-43: Kaitseviisid. Liigvoolukaitse**  
**Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent**

Keel: en, et

Alusdokumendid: IEC 60364-4-43:2008; HD 60364-4-43:2010

Asendatud järgmise dokumendiga: EVS-HD 60364-4-43:2023

Standardi staatus: Kehtetu

## 93 RAJATISED

### EVS-EN 12697-47:2010

**Bituminous mixtures - Test methods for hot mix asphalt - Part 47: Determination of the ash content of natural asphalts**

Keel: en

Alusdokumendid: EN 12697-47:2010

## 97 OLME. MEELELAHUTUS. SPORT

### **CEN/TS 14472-2:2003**

#### **Resilient, textile and laminate floor coverings - Design, preparation and installation - Part 2: Textile floor coverings**

Keel: en  
Alusdokumendid: CEN/TS 14472-2:2003  
Standardi staatus: Kehtetu

### **CEN/TS 14472-4:2003**

#### **Resilient, textile and laminate floor coverings - Design, preparation and installation - Part 4: Resilient floor coverings**

Keel: en  
Alusdokumendid: CEN/TS 14472-4:2003  
Standardi staatus: Kehtetu

### **EVS-EN 60704-2-14:2013/A11:2015**

#### **Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-14: Erinõuded külmikutele, külmkambratele ja sügavkülmutitele Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers**

Keel: en  
Alusdokumendid: EN 60704-2-14:2013/A11:2015  
Standardi staatus: Kehtetu

# STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) 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 alljärgnev informatsioon:

- tähis;
- pealkiri;
- käsitlusala;
- keel (en = inglise; et = eesti);
- Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
- asendusseos, selle olemasolul;
- arvamuste esitamise tähtaeg.

Kavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast [standardimisprogrammist](#).

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### prEN 18007-1

#### Electromagnetic pulse welding - Part 1: Welding knowledge, terminology and vocabulary

This document defines terms and definitions related to the electromagnetic pulse welding process. In this document, the term "aluminium" refers to aluminium and its alloys.

Keel: en

Alusdokumendid: prEN 18007-1

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN IEC 63439-1-1:2023

#### Terminology for Electric Power Robots

This document defines terms relating to electric power robot. It defines terms used for describing classification, constitution, function, performance, safety, working environment and other topics relating to electric power robot. This document applies to the design, production, testing, sales, application, maintenance, management, scientific research and education of electric power robot.

Keel: en

Alusdokumendid: 129/26/CDV; prEN IEC 63439-1-1:2023

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN ISO 8044

#### Corrosion of metals and alloys - Vocabulary (ISO/DIS 8044:2023)

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations. NOTE 1 Throughout the document, IUPAC rules for electrode potential signs are applied. The term "metal" is also used to include alloys and other metallic materials. NOTE 2 Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Keel: en

Alusdokumendid: ISO/DIS 8044; prEN ISO 8044

Asendab dokumenti: EVS-EN ISO 8044:2020

Arvamusküsitluse lõppkuupäev: 13.11.2023

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

### prEN 45560

#### Method to achieve circular designs of products

This document proposes a method to define circular products design rules. It details principles, requirements and guidance associated with the proposed method. This document: - specifies requirements and guidance for integrating circularity into the design and development process of products by an organization. - supports organizations to develop product design rules to fulfil their chosen circular categories (e.g. the circular business models chosen by the organization or the legislation requirements). Having the life cycle thinking as a core principle, this document provides guidance on how to reduce environmental impacts, and



how to deal with challenges such as trade-offs during circular product design, without compromising functions and safety. This document focusses on material efficiency. It is not a management system standard. This document can be applied when no product-specific or product group standard exist. Where such documents are developed, this document can be used as reference to ensure consistency and harmonization across the different product areas and supply chains or networks.

Keel: en

Alusdokumendid: prEN 45560

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN IEC 61025:2023**

#### **Fault tree analysis (FTA)**

Fault tree analysis (FTA) is used to identify and analyse combinations of events, conditions and factors that cause or can potentially cause or contribute to the occurrence of a defined undesirable outcome, referred to as the "top event". This document describes the (FTA) technique and provides guidance on its application. This includes: – definition and description of commonly used terms and symbols; – purpose, applications and limitations of FTs; – a description of basic concepts and principles; – a description of the steps involved in scoping, constructing and developing the FT; – guidance on performing qualitative and quantitative analysis of the FT, including discussion of requirements and limitations of the associated mathematical models; – identification of basic items that should be included when documenting and reporting the FTA; – methods for performing FTA when some of the commonly used assumptions are not satisfied (e.g., non-coherent FTs, dynamic FTs); – example applications in support of the above; – procedures for calculating dependability measures (unavailability, failure frequency and unreliability) for different types of system, with constant or time dependent probabilities or with non-repaired or repaired items). In annexes, the document also describes: – the relationship of FTA with other related techniques such as Reliability Block Diagram analysis (IEC 61078), Failure Mode and Effects Analysis (FMEA) (IEC 60812), Event Tree Analysis (IEC 62502) and Markov techniques (IEC 61165); – methods by which the importance of various events included in the FT can be established; – automated fault tree construction; – mathematical models required for large and more complex FTs; – numerical examples demonstrating the use of FTs in dependability

Keel: en

Alusdokumendid: 56/1999/CDV; prEN IEC 61025:2023

Asendab dokumenti: EVS-EN 61025:2007

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## **11 TERVISEHOOLDUS**

### **prEN 13795-1**

#### **Surgical clothing and drapes - Requirements and test methods - Part 1: Surgical drapes and gowns**

This document specifies information to be supplied to users and third-party verifiers in addition to the usual labelling of medical devices (see EN ISO 20417 and EN ISO 15223 1) concerning manufacturing and processing requirements. This document gives information on the characteristics of single-use and reusable surgical gowns and surgical drapes used as medical devices for patients, clinical staff and equipment, intended to prevent the transmission of infective agents between clinical staff and patients during surgical and other invasive procedures. This document specifies test methods for evaluating the identified characteristics of surgical drapes and gowns and sets performance requirements for these products. This document does not include information on resistance to penetration by laser radiation of products. NOTE If resistance to penetration by laser radiation is claimed for surgical drapes, suitable test methods together with an appropriate classification system are given in EN ISO 11810. This document does not cover requirements for incision drapes or films. This document does not cover requirements for antimicrobial treatments for surgical gowns and drapes. Antimicrobial treatment can cause environmental risks such as resistance and pollution. However, antimicrobial treated surgical gowns and drapes fall under the scope of this document with respect to their use as surgical gowns and drapes.

Keel: en

Alusdokumendid: prEN 13795-1

Asendab dokumenti: EVS-EN 13795-1:2019

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN 13795-2**

#### **Surgical clothing and drapes - Requirements and test methods - Part 2: Clean air suits**

This document specifies information to be supplied to users and third-party verifiers in addition to the usual labelling of medical devices (see EN ISO 20417 and EN ISO 15223 1), concerning manufacturing and processing requirements. This document gives information on the characteristics of single-use and reusable clean air suits used as medical devices for clinical staff, intended to prevent the transmission of infective agents between clinical staff and patients during surgical and other invasive procedures. This document specifies test methods for evaluating the identified characteristics of clean air suits and sets performance requirements for these products.

Keel: en

Alusdokumendid: prEN 13795-2

Asendab dokumenti: EVS-EN 13795-2:2019

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 14683

#### Medical face masks - Requirements and test methods

This document specifies construction, design, performance requirements and test methods for medical face masks intended to limit the transmission of infective agents from staff to patients during surgical procedures and other medical settings with similar requirements. A medical face mask with an appropriate microbial barrier can also be effective in reducing the emission of infective agents from the nose and mouth of an asymptomatic carrier or a patient with clinical symptoms. This document is not applicable to face masks intended exclusively for the personal protection of staff.

Keel: en

Alusdokumendid: prEN 14683

Asendab dokumenti: EVS-EN 14683:2019

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 17999

#### Accessible systems for living independently - Requirements and recommendations

This document specifies requirements, recommendations, and guidance on aspects of accessible systems for living independently (ASLI) in relation to technical solutions, service design, provision, and information. This includes adapting design and functionality of systems, to allow ease of use by any user, regardless of their abilities. This document does not cover system-to-system communication. This standard is not applicable to household and similar electrical appliances covered by EN IEC 63008 [8].

Keel: en

Alusdokumendid: prEN 17999

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN IEC 80601-2-71:2023

#### Medical electrical equipment - Part 2-71: Particular requirements for the basic safety and essential performance of functional near-infrared spectroscopy (NIRS) equipment

Clause 1 of the general standard applies, except as follows: 201.1.1 \* Scope Replacement: This International standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of FUNCTIONAL NIRS EQUIPMENT, as defined in 201.3.205, intended to be used by itself, or as a part of an ME SYSTEM hereinafter referred to as ME EQUIPMENT. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document except in IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020, 7.2.13 and 8.4.1. 211 NOTE Additional information can be found in IEC 60601-1:2005, IEC 60601 1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020, 4.2. This document is not applicable to – equipment for the measurement of oxygen saturation of the haemoglobin in the micro vessels (capillaries, arterioles and venules), i.e. tissue oximeters. – frequency-domain and time-domain equipment for functional near-infrared spectroscopy. – equipment for the measurement of changes in the concentration of chromophores other than oxy- and deoxy-haemoglobin. – equipment for the measurement of changes in the concentration of oxy- and deoxy-haemoglobin in tissues other than the brain. This document does not specify the requirements for: – cerebral tissue oximeter equipment, which are given in ISO 80601-2-85; and – pulse oximeter equipment, which are given in ISO 80601-2-61.

Keel: en

Alusdokumendid: 62D/2062/CDV; prEN IEC 80601-2-71:2023

Asendab dokumenti: EVS-EN IEC 80601-2-71:2018

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN ISO 8362-2

#### Injection containers and accessories - Part 2: Closures for injection vials (ISO/DIS 8362-2:2023)

ISO 8362-2:2015 specifies the shape, dimensions, material, performance requirements and labelling of closures for injection vials covered by ISO 8362-1 and ISO 8362-4. The dimensional requirements are not applicable to barrier-coated closures. Closures specified in ISO 8362-2:2015 are intended for single use only.

Keel: en

Alusdokumendid: ISO/DIS 8362-2:2023; prEN ISO 8362-2

Asendab dokumenti: EVS-EN ISO 8362-2:2015

Asendab dokumenti: EVS-EN ISO 8362-2:2015/A1:2022

Asendab dokumenti: EVS-EN ISO 8362-2:2015+A1:2022

Arvamusküsitluse lõppkuupäev: 13.11.2023

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### EVS 933:2022/prA1

#### Juhised kantavate tulekustutite kontrolliks ja hoolduseks ning nõuded hoolduspunktidele Inspection and maintenance instructions for portable fire extinguishers and requirements for service points

Standardi EVS 933:2022 muudatus.

Keel: et

Muudab dokumenti: EVS 933:2022

Arvamusküsitluse lõppkuupäev: 14.10.2023

## prEN 14385

### **Stationary source emissions - Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V**

EN 14385 'Stationary source emissions - Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V' specifies a manual reference method for the determination of the mass concentration of specific elements in exhaust gases from hazardous and municipal waste incinerators [1]. The method is applicable to each of the specific elements in the concentration range of 0,005 mg/m<sup>3</sup> to 0,5 mg/m<sup>3</sup>. Unless otherwise stated, concentrations are expressed at volumes under dry conditions, normalised to 273 K, 101,3 kPa, and oxygen content with a volume fraction of 11 %. Specific elements according to this European Standard are antimony (Sb), arsenic (As), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), manganese (Mn), nickel (Ni), thallium (Tl), and vanadium (V). This European Standard is also applicable for exhaust gases from other sources with a flue gas composition, similar to that given in Table 1. The performance characteristics of the method determined for waste incinerators cannot be extrapolated to be used for other types of matrix without any further validation work. This European Standard has been validated with the described materials, equipment, sampling and digestion performances etc., followed by analyses with AAS and ICP. This does not exclude the use of other types that meet the requirements and proven to be equivalent to the described European Standard. This European Standard has been validated for the determination of the mass concentration of metals in incineration exhaust gases, within the uncertainties stated in Clause 9. If mercury is to be determined as well, this may be sampled in a side stream arrangement of the sampling train (EN 13211). EN 14385:2004 requires revision to bring up to date with EN 15259:2007.

Keel: en

Alusdokumendid: prEN 14385

Asendab dokumenti: EVS-EN 14385:2004

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## prEN 17999

### **Accessible systems for living independently - Requirements and recommendations**

This document specifies requirements, recommendations, and guidance on aspects of accessible systems for living independently (ASLI) in relation to technical solutions, service design, provision, and information. This includes adapting design and functionality of systems, to allow ease of use by any user, regardless of their abilities. This document does not cover system-to-system communication. This standard is not applicable to household and similar electrical appliances covered by EN IEC 63008 [8].

Keel: en

Alusdokumendid: prEN 17999

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## prEN 45560

### **Method to achieve circular designs of products**

This document proposes a method to define circular products design rules. It details principles, requirements and guidance associated with the proposed method. This document: - specifies requirements and guidance for integrating circularity into the design and development process of products by an organization. - supports organizations to develop product design rules to fulfil their chosen circular categories (e.g. the circular business models chosen by the organization or the legislation requirements). Having the life cycle thinking as a core principle, this document provides guidance on how to reduce environmental impacts, and how to deal with challenges such as trade-offs during circular product design, without compromising functions and safety. This document focusses on material efficiency. It is not a management system standard. This document can be applied when no product-specific or product group standard exist. Where such documents are developed, this document can be used as reference to ensure consistency and harmonization across the different product areas and supply chains or networks.

Keel: en

Alusdokumendid: prEN 45560

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## prEN ISO 17099

### **Radiological protection - Performance criteria for laboratories using the cytokinesis block micronucleus (CBMN) assay in peripheral blood lymphocytes for biological dosimetry (ISO/DIS 17099:2023)**

This document addresses the following: a) the confidentiality of personal information for the customer and the laboratory; b) the laboratory safety requirements; c) the calibration sources and calibration dose ranges useful for establishing the reference dose-response curves that contribute to the dose estimation from CBMN assay yields and the detection limit; d) the performance of blood collection, culturing, harvesting, and sample preparation for CBMN assay scoring; e) the scoring criteria; f) the conversion of micronucleus frequency in BNCs into an estimate of absorbed dose; g) the reporting of results; h) quality assurance and quality control; i) informative annexes containing sample instructions for customers, sample questionnaire, a microscope scoring data sheet, and a sample report.

Keel: en

Alusdokumendid: ISO/DIS 17099; prEN ISO 17099

Asendab dokumenti: EVS-EN ISO 17099:2017

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## prEN ISO 20236

## **Water quality - Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion (ISO/DIS 20236:2023)**

This document specifies a method for the determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) in the form of free ammonia, ammonium, nitrite, nitrate and organic compounds capable of conversion to nitrogen oxides under the conditions described. The procedure is carried out instrumentally. NOTE Generally the method can be applied for the determination of total carbon (TC) and total inorganic carbon (TIC), see Annex A. The method is applicable to water samples (e.g. drinking water, raw water, ground water, surface water, sea water, waste water, leachates). The method allows a determination of TOC and DOC  $\geq 1$  mg/l and TNb and DNb  $\geq 1$  mg/l. The upper working range is restricted by instrument-dependent conditions (e.g. injection volume). Higher concentrations can be determined after appropriate dilution of the sample. For samples containing volatile organic compounds (e.g. industrial waste water), the difference method is used, see Annex A. Cyanide, cyanate and particles of elemental carbon (soot), when present in the sample, can be determined together with the organic carbon. The method is not appropriate for the determination of volatile, or purgeable, organic carbon under the conditions described by this method. Dissolved nitrogen gas (N<sub>2</sub>) is not determined.

Keel: en

Alusdokumendid: ISO/DIS 20236; prEN ISO 20236

Asendab dokumenti: EVS-EN ISO 20236:2021

Arvamusküsitluse lõppkuupäev: 13.11.2023

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

### **prEN IEC 60704-2-9:2023**

#### **Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances**

This clause of IEC 60704-1:2021 is applicable except as follows: Replacement: This part of IEC 60704 applies to electric hand-held hairdryers for household and similar use supplied from mains, which operate with a flow of air. These particular requirements can also be applied to analogous electrically operated devices such as hairstyling appliances, which produce the airflow by a fan. Helmet-type hairdryers are excluded from this standard. This standard does not apply to hair care appliances with radiant heating. For determining and verifying noise emission values declared in product specifications, see IEC 60704-3:2019.

Keel: en

Alusdokumendid: 59L/239/CDV; prEN IEC 60704-2-9:2023

Asendab dokumenti: EVS-EN 60704-2-9:2004

Arvamusküsitluse lõppkuupäev: 13.11.2023

### **prEN IEC 61557-10:2023**

#### **Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 10: Combined measuring equipment**

This part of IEC 61557 specifies the requirements for measuring equipment that combines several measuring functions or methods of testing, measuring or monitoring, that are in accordance with the respective parts of IEC 61557, into one piece of apparatus. Measuring equipment which combines measuring functions or methods of testing, measuring or monitoring covered by the respective parts of IEC 61557 with those not covered by the respective parts of IEC 61557 is also within the scope of this standard.

Keel: en

Alusdokumendid: 85/887/CDV; prEN IEC 61557-10:2023

Asendab dokumenti: EVS-EN 61557-10:2013

Arvamusküsitluse lõppkuupäev: 13.11.2023

### **prEN IEC 62974-1:2023**

#### **Monitoring and measuring systems used for data collection, gathering and analysis - Part 1: Device requirements**

This part of IEC 62974 specifies product and performance requirements for devices that fall under the heading of "monitoring and measuring systems used for data collection, gathering and analysis", for industrial, commercial and similar use rated below or equal to 1 kV AC and 1,5 kV DC. These devices are fixed and are intended to be used indoors as panel-mounted devices, or as modular devices fixed on a DIN rail, or as housing devices fixed on a DIN rail, or as devices fixed by other means inside a cabinet. These devices are used to upload or download information (energy measured on loads, power metering and monitoring data, temperature information, etc.), mainly for energy efficiency purposes. These devices are known as energy servers, energy data loggers, data gateways and I/O data concentrators. NOTE These systems are embedded or can be connected to a software application capable of consolidating data and delivering automatic analysis. Automatic analysis can include calculation of energy baselines or energy performance indicators as requested for the energy management system required by ISO 50001, or can be used during energy audits as defined in ISO 50002, or can be used in Electrical Energy Efficiency Management Systems (EEMS) for monitoring an installation complying with IEC 60364-8-1 for the efficient use of electricity. These devices can also be used for certification according to labels such as LEED, BREEAM, HQE, etc. This standard does not cover: • devices used only in the consumer market (living quarters) or household; • devices used in the smart metering infrastructure (e.g. smart meters); • devices used in the smart grid infrastructure; • devices used as IT servers in the information technology business; • power metering and monitoring devices (PMD); • I/O data concentrators already covered by a specific product standard; • communication protocols and interoperability; • power quality instruments (PQI); • software used for the data collection and analysis of the power quality for the supply side.

Keel: en  
Alusdokumendid: 85/886/CDV; prEN IEC 62974-1:2023  
Asendab dokumenti: EVS-EN 62974-1:2017  
**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### EN ISO 14245:2021/prA1

#### **Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing - Amendment 1 (ISO 14245:2021/DAM 1:2023)**

Amendment to EN ISO 14245:2021

Keel: en  
Alusdokumendid: ISO 14245:2021/DAMd 1; EN ISO 14245:2021/prA1  
Muudab dokumenti: EVS-EN ISO 14245:2021

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### EN ISO 15995:2021/prA1

#### **Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated - Amendment 1 (ISO 15995:2021/DAM 1:2023)**

Amendment to EN ISO 15995:2021

Keel: en  
Alusdokumendid: ISO 15995:2021/DAMd 1; EN ISO 15995:2021/prA1  
Muudab dokumenti: EVS-EN ISO 15995:2021

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### EN ISO 17871:2020/prA1

#### **Gas cylinders - Quick-release cylinder valves - Specification and type testing - Amendment 1 (ISO 17871:2020/DAM 1:2023)**

Amendment to EN ISO 17871:2020

Keel: en  
Alusdokumendid: ISO 17871:2020/DAMd 1; EN ISO 17871:2020/prA1  
Muudab dokumenti: EVS-EN ISO 17871:2020

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## 25 TOOTMISTEHNOLLOOGIA

### prEN 18007-1

#### **Electromagnetic pulse welding - Part 1: Welding knowledge, terminology and vocabulary**

This document defines terms and definitions related to the electromagnetic pulse welding process. In this document, the term "aluminium" refers to aluminium and its alloys.

Keel: en  
Alusdokumendid: prEN 18007-1

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 18007-2

#### **Electromagnetic pulse welding - Part 2: Design of welded joints**

This document specifies design requirements for electromagnetic pulse welds and provides design guidelines for electromagnetic pulse welding.

Keel: en  
Alusdokumendid: prEN 18007-2

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 18007-3

#### **Electromagnetic pulse welding - Part 3: Qualification of welding operators and weld setters**

This document specifies the requirements for the qualification of welding operators and also weld setters for electromagnetic pulse welding. This document does not apply to personnel exclusively performing loading or unloading of the automatic welding unit. This document is applicable when qualification testing of welding operators and weld setters is required by the contract or by the application standard.

Keel: en  
Alusdokumendid: prEN 18007-3

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 18007-4

#### **Electromagnetic pulse welding - Part 4: Specification and qualification of welding procedures**

This document specifies design requirements for electromagnetic pulse welds and provides design guidelines for electromagnetic pulse welding.

Keel: en

Alusdokumendid: prEN 18007-4

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 18007-5

#### **Electromagnetic pulse welding - Part 5: Quality and inspection requirements**

This document specifies a method to determine the capability of a manufacturer to use the electromagnetic pulse welding process for production of products of the specified quality. It specifies quality requirements but does not assign those requirements to any specific product or product group. In this document, the term "aluminium" refers to aluminium and its alloys.

Keel: en

Alusdokumendid: prEN 18007-5

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN IEC 62841-4-10:2023

#### **Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-10: Particular requirements for pole-mounted pruners**

IEC 62841-1:2014, Clause 1 is applicable, except as follows: Addition: This document applies to hand-held pole-mounted pruners which are designed for use by one operator for cutting tree branches with a cutting device and a fixed or detachable elongated construction such that the cutting device is distanced from the handles or grasping surfaces during use. The cutting device of pole-mounted pruners may be – a saw chain; or – a reciprocating saw blade. This document does not apply to – chain saws as covered by IEC 62841-4-1; or – chain saws for tree service as covered by IEC 62841-4-9; or – hedge trimmers, including extended-reach hedge trimmers, as covered by IEC 62841-4-2; or – brush saws as covered in IEC 62841-4-4; or – scissors-type pruners; or – machines designed for use with a circular saw blade. NOTE 101 Scissors-type pruners will be covered by a future part of IEC 62841-4. NOTE 102 In Europe (EN IEC 62841-4-10) this document does not apply to pole-mounted pruners equipped with integral batteries.

Keel: en

Alusdokumendid: 116/674/CDV; prEN IEC 62841-4-10:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN IEC 62841-4-10:2023/prAA:2023

#### **Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-10: Particular requirements for pole-mounted pruners**

Amendment to prEN IEC 62841-4-10:2023

Keel: en

Alusdokumendid: prEN IEC 62841-4-10:2023/prAA:2023

Muudab dokumenti: prEN IEC 62841-4-10:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN IEC 62841-4-9:2023

#### **Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-9: Particular requirements for battery-operated chain saws for tree service**

Replacement: This document applies to rechargeable battery-powered motor-operated or magnetically driven chain saws for tree service, hereinafter referred to as chain saws or machines, having a maximum mass of 5,0 kg with the heaviest detachable battery pack(s), if any, as described in IEC 62841-1:2014, K.8.14.2 e) 2) installed but without a guide bar or saw chain fitted and with the lubrication tank, if any, empty. Chain saws covered by this document are intended to be used for pruning and dismantling standing tree crowns. The chain saws covered by this document are designed only to be operated with the right hand on the rear handle and the left hand on the front handle. This document does not apply to – chain saws supplied by mains power or power from non-isolated sources that permit the machine to be used while connected to such power supplies; or – chain saws supplied by integral batteries; or – chain saws for cutting wood as covered by IEC 62841-4-1; or – chain saws for forest service as covered by ISO 11681-1; or – chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine; or – pole-mounted pruners; or – pruning saws. NOTE 1 Pole-mounted pruners will be covered by a future part of IEC 62841-4. NOTE 2 Pruning saws will be covered by a future part of IEC 62841-4. The maximum rated voltage for machines and battery packs is 75 V d.c. Battery machines covered by this document are not considered to be class I tools, class II tools or class III tools and therefore are not required to have basic insulation, supplementary insulation or reinforced insulation. Electric shock hazard is considered to exist only between parts of opposite polarity. This document deals with the hazards presented by machines which are encountered by all persons in the normal use and reasonably foreseeable misuse of the machines. When evaluating a rechargeable battery pack for protection against electric shock during charging, creepage distances, clearances and distances through insulation, the relevant requirements of this document are applicable with the battery pack fitted to the intended charger. Since rechargeable battery packs for machines are submitted to different use patterns (such as rough use, high charging and discharging currents) their safety can be evaluated only by this document and not by using other standards for rechargeable battery packs, such as IEC 62133-1:2017 or IEC 62133-2:2017,



unless otherwise indicated in this document. All relevant aspects related to the safety of rechargeable batteries are addressed in this document, such that the requirements of IEC 62133-1:2017 or IEC 62133-2:2017 need not be separately applied.

Keel: en

Alusdokumendid: 116/673/CDV; prEN IEC 62841-4-9:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN IEC 62841-4-9:2023/prAA:2023**

#### **Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-9: Particular requirements for chain saws for tree service**

Amendment to prEN IEC 62841-4-9:2023

Keel: en

Alusdokumendid: prEN IEC 62841-4-9:2023/prAA:2023

Muudab dokumenti: prEN IEC 62841-4-9:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## **29 ELEKTROTEHNIKA**

### **EN IEC 62271-100:2021/prA1:2023**

#### **Amendment 1 - High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers**

Amendment to EN IEC 62271-100:2021

Keel: en

Alusdokumendid: 17A/1387/CDV; EN IEC 62271-100:2021/prA1:2023

Muudab dokumenti: EVS-EN IEC 62271-100:2021

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN IEC 61039:2023**

#### **Classification of insulating liquids**

This International Standard establishes the detailed classification of the N family (insulating liquids) that belongs to class L (lubricants, industrial oils and related products) in accordance with ISO 8681 and ISO 6743-99, affecting product categories that include products derived from petroleum processing, synthetic chemical products and synthetic and natural esters. This standard applies to unused liquids. For liquids in service, additional testing may be required to ensure compliance with this standard.

Keel: en

Alusdokumendid: 10/1204/CDV; prEN IEC 61039:2023

Asendab dokumenti: EVS-EN 61039:2008

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN IEC 61203:2023**

#### **Synthetic esters - Guidelines for maintenance and use in electrical equipment**

This document provides procedures and supervision that are required for the use and maintenance of synthetic esters in transformers and other electrical equipment. This document is applicable to synthetic esters, originally supplied conforming to IEC 61099 and other applicable Standards in transformers, switchgear and electrical apparatus where liquid sampling is practical and where the normal operating conditions specified in the equipment specifications apply. This document is also intended to assist the power equipment operator to evaluate the condition of the synthetic ester and maintain it in a serviceable condition. It also provides a common basis for the preparation of more specific and complete local codes of practice. The document includes recommendations on tests and evaluation procedures and outlines methods for reconditioning and reclaiming the liquid, when necessary.

Keel: en

Alusdokumendid: 10/1203/CDV; prEN IEC 61203:2023

Asendab dokumenti: EVS-EN 61203:2002

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN IEC 61557-10:2023**

#### **Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 10: Combined measuring equipment**

This part of IEC 61557 specifies the requirements for measuring equipment that combines several measuring functions or methods of testing, measuring or monitoring, that are in accordance with the respective parts of IEC 61557, into one piece of apparatus. Measuring equipment which combines measuring functions or methods of testing, measuring or monitoring covered by the respective parts of IEC 61557 with those not covered by the respective parts of IEC 61557 is also within the scope of this standard.

Keel: en

Alusdokumendid: 85/887/CDV; prEN IEC 61557-10:2023

Asendab dokumenti: EVS-EN 61557-10:2013



**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN IEC 61810-7-21:2023**

#### **Electrical relays - Tests and Measurements - Part 7-21: Thermal Endurance**

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for evaluation of resistance against high temperature for long periods.

Keel: en

Alusdokumendid: 94/941/CDV; prEN IEC 61810-7-21:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### **prEN IEC 61810-7-6:2023**

#### **Electrical relays - Tests and Measurements - Part 7-6: Contact-circuit resistance (or voltage drop)**

This part of IEC 61810-7 is used for testing all kinds of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this part is to define a standard test method to measure contact-circuit resistance (or voltage drop).

Keel: en

Alusdokumendid: 94/943/CDV; prEN IEC 61810-7-6:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## **33 SIDETEHNIKA**

### **prEN 300 468 V1.18.0**

#### **Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems**

The present document specifies the Service Information (SI) data which forms a part of Digital Video Broadcasting (DVB) bitstreams, in order that the user can be provided with information to assist in selection of services and/or events within the bitstream, and so that the Integrated Receiver Decoder (IRD) can automatically configure itself for the selected service. SI data for automatic configuration is mostly specified within ISO/IEC 13818-1 as Program Specific Information (PSI). The present document specifies additional data which complements the PSI by providing data to aid automatic tuning of IRDs, and additional information intended for display to the user. The manner of presentation of the information is not specified in the present document, and IRD manufacturers have freedom to choose appropriate presentation methods. It is expected that Electronic Programme Guide (EPG) will be a feature of Digital TeleVision (TV) transmissions. The definition of an EPG is outside the scope of the present document (i.e. the SI specification), but the data contained within the SI specified in the present document may be used as the basis for an EPG. Rules of operation for the implementation of the present document are specified in ETSI TS 101 211 [i.1].

Keel: en

Alusdokumendid: Draft ETSI EN 300 468 V1.18.0

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## **35 INFOTEHNOLOOGIA**

### **prEN ISO 19103**

#### **Geographic information - Conceptual schema language (ISO/DIS 19103:2023)**

ISO 19103:2015 provides rules and guidelines for the use of a conceptual schema language within the context of geographic information. The chosen conceptual schema language is the Unified Modeling Language (UML). ISO 19103:2015 provides a profile of the Unified Modelling Language (UML). The standardization target type of this standard is UML schemas describing geographic information.

Keel: en

Alusdokumendid: ISO/DIS 19103; prEN ISO 19103

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## **45 RAUDTEETEHNIKA**

### **prEN 17997-1**

#### **Railway applications - Braking - Definition of ETCS brake curve parameters for Gamma trains - Part 1: Emergency brake curve parameters**

This Document specifies the methodology to be used to define ETCS brake parameters for gamma trains intended to operate on lines equipped with ETCS Baseline 3. This Document does not specify the way these parameters can be used by ETCS on-board system.

Keel: en

Alusdokumendid: prEN 17997-1

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

### prEN ISO 12957-2

#### Geosynthetics - Determination of friction characteristics - Part 2: Inclined plane test (ISO/DIS 12957-2:2023)

This document describes a method to determine the friction characteristics of geosynthetics (geotextiles and geotextile-related products, geosynthetic barriers), in contact with soils, or between another geosynthetic, at low normal stress, using an inclining plane apparatus. This test method is primarily intended as a performance test to be used with site specific soils but is also used as an index test with standard sand. It is also possible to measure the displacement of the interface over time (creep phenomenon) without necessarily reaching the slippage failure. Test data obtained for geogrids tested with a rigid support are not necessarily realistic as the results depend on the friction support.

Keel: en

Alusdokumendid: ISO/DIS 12957-2; prEN ISO 12957-2

Asendab dokumenti: EVS-EN ISO 12957-2:2005

Arvamusküsitluse lõppkuupäev: 13.11.2023

## 67 TOIDUAINETE TEHNOLOOGIA

### prEN 18003

#### Food Authenticity — Determination of 16-O-methylcafestol content of green and roasted coffee — HPLC-method

This document specifies an HPLC method for determining the 16-OMC content in green and roasted coffee. The method described is suitable for a mass fraction of 20 mg to 1600 mg of 16-O-methylcafestol per kg of green and roasted coffee respectively.

Keel: en

Alusdokumendid: prEN 18003

Arvamusküsitluse lõppkuupäev: 13.11.2023

## 75 NAFTA JA NAFTATEHNOLOOGIA

### prEN ISO 22854

#### Liquid petroleum products - Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel - Multidimensional gas chromatography method (ISO/DIS 22854:2023)

This document specifies the gas chromatographic (GC) method for the determination of saturated, olefinic and aromatic hydrocarbons in automotive motor gasoline and ethanol (E85) automotive fuel. Additionally, the benzene and toluene content, oxygenated compounds and the total oxygen content can be determined. NOTE 1 For the purposes of this document, the terms % (m/m) and % (V/V) are used to represent respectively the mass fraction,  $w$ , and the volume fraction,  $\phi$ . This document defines two procedures, A and B. Procedure A is applicable to automotive motor gasoline with total aromatics of 19,32 % (V/V) up to 46,29 % (V/V); total olefins from 0,40 % (V/V) up to 26,85 % (V/V); oxygenates from 0,61 % (V/V) up to 9,85 % (V/V); oxygen content from 1,50 % (m/m) to 12,32 % (m/m); benzene content from 0,38 % (V/V) up to 1,98 % (V/V) and toluene content from 5,85 % (V/V) up to 31,65 % (V/V). The method has also been tested for individual oxygenates. A precision has been determined for a total volume of methanol from 1,05 % (V/V) up to 16,96 % (V/V); a total volume of ethanol from 0,50 % (V/V) up to 17,86 % (V/V); a total volume of MTBE from 0,99 % (V/V) up to 15,70 % (V/V), a total volume of ETBE from 0,99 % (V/V) up to 15,49 % (V/V), a total volume of TAME from 0,99 % (V/V) up to 5,92 % (V/V), and a total volume of TAAE from 0,98 % (V/V) up to 15,59 % (V/V). Although this test method can be used to determine higher-olefin contents of up to 50 % (V/V), the precision for olefins was tested only in the range from 0,40 % (V/V) to 26,85 % (V/V). Although specifically developed for the analysis of automotive motor gasoline that contains oxygenates, this test method can also be applied to other hydrocarbon streams having similar boiling ranges, such as naphthas and reformates. NOTE 2 For Procedure A, applicability of this document has also been verified for the determination of n-propanol, acetone, and di-isopropyl ether (DIPE). However, no precision data have been determined for these compounds. Procedure B describes the analysis of oxygenated groups (ethanol, methanol, ethers, C3 – C5 alcohols) in ethanol (E85) automotive fuel containing ethanol between 50 % (V/V) and 85 % (V/V). The gasoline is diluted with an oxygenate-free component to lower the ethanol content to a value below 20 % (V/V) before the analysis by GC. The sample can be fully analysed including hydrocarbons. Precision data for the diluted sample are only available for the oxygenated groups. NOTE 3 For Procedure B, the precision can be used for an ethanol fraction from about 50 % up to 85 % (V/V). For the ether fraction, the precision as specified in Table 6 can be used for samples containing at least 11 % (V/V) of ethers. For the higher alcohol fraction, too few data were obtained to derive a full precision statement and the data presented in Table 6 are therefore only indicative. NOTE 4 An overlap between C9 and C10 aromatics can occur. However, the total is accurate. Isopropyl benzene is resolved from the C8 aromatics and is included with the other C9 aromatics.

Keel: en

Alusdokumendid: ISO/DIS 22854; prEN ISO 22854

Asendab dokumenti: EVS-EN ISO 22854:2021

Arvamusküsitluse lõppkuupäev: 13.11.2023

**EN ISO 7539-6:2018/prA1****Corrosion of metals and alloys - Stress corrosion testing - Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement - Amendment 1 (ISO 7539-6:2018/DAM 1:2023)**

Amendment to EN ISO 7539-6:2018

Keel: en

Alusdokumendid: ISO 7539-6:2018/DAMd 1; EN ISO 7539-6:2018/prA1

Muudab dokumenti: EVS-EN ISO 7539-6:2018

Arvamusküsitluse lõppkuupäev: 13.11.2023

**prEN ISO 16701****Corrosion of metals and alloys - Corrosion in artificial atmosphere - Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of a salt solution (ISO/DIS 16701:2023)**

ISO 16071:2015 specifies the test method, the reagents, and the procedure to be used in an accelerated atmospheric corrosion test constituting a 6 h exposure to a slightly acidified solution of 1 % NaCl twice weekly, followed by a condition of controlled humidity cycling between 95 % RH and 50 % RH at a constant temperature of 35 °C. It does not specify the dimensions of the tests specimens, the exposure period to be used for a particular product, or the interpretation of the results. Such details are provided in the appropriate product specifications. The accelerated laboratory corrosion test applies to metals and their alloys, metallic coatings (anodic or cathodic), chemical conversion coatings, and organic coatings on metallic materials.

Keel: en

Alusdokumendid: ISO/DIS 16701; prEN ISO 16701

Asendab dokumenti: EVS-EN ISO 16701:2015

Arvamusküsitluse lõppkuupäev: 13.11.2023

**prEN ISO 16784-1****Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 1: Guidelines for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems (ISO/DIS 16784-1:2023)**

ISO 16784-1:2006 applies to corrosion and fouling in industrial cooling water systems. ISO 16784-1:2006 covers the criteria that must be defined and implemented in a pilot-scale testing programme to select water treatment programmes for use in specific recirculating cooling water systems. ISO 16784-1:2006 covers only open recirculating cooling water systems. Closed cooling systems and once-through cooling water systems are specifically excluded. The test criteria established in ISO 16784-1:2006 are not intended to govern the type of bench and pilot-scale testing normally carried out by water treatment companies as part of their proprietary product-development programmes. However, water treatment companies may choose to use the criteria in ISO 16784-1:2006 as guidelines in the development of their own product-development test procedures.

Keel: en

Alusdokumendid: ISO/DIS 16784-1; prEN ISO 16784-1

Asendab dokumenti: EVS-EN ISO 16784-1:2008

Arvamusküsitluse lõppkuupäev: 13.11.2023

**prEN ISO 8044****Corrosion of metals and alloys - Vocabulary (ISO/DIS 8044:2023)**

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations. NOTE 1 Throughout the document, IUPAC rules for electrode potential signs are applied. The term "metal" is also used to include alloys and other metallic materials. NOTE 2 Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Keel: en

Alusdokumendid: ISO/DIS 8044; prEN ISO 8044

Asendab dokumenti: EVS-EN ISO 8044:2020

Arvamusküsitluse lõppkuupäev: 13.11.2023

**prEN 1058****Wood-based panels - Determination of characteristic 5-percentile values and characteristic mean values**

On the basis of test results from wood-based panel products for structural purposes, this European Standard specifies a method for the determination of: - characteristic 5-percentile values of mechanical properties under the assumption of a log-normal distribution of the test data according to EN 14358; and - characteristic mean values (50-percentile values) of physical properties

under the assumption of a normal distribution of the test data. Test data should be determined from tests using the test methods outlined in EN 789.

Keel: en

Alusdokumendid: prEN 1058

Asendab dokumenti: EVS-EN 1058:2010

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 622-4

#### **Fibreboards - Specifications - Part 4: Requirements for softboards**

This document specifies the requirements for softboards as defined in EN 316, with a density from 230 kg/m<sup>3</sup> to 400 kg/m<sup>3</sup>. The values listed in this document relate to product properties but they are not characteristic values to be used in design calculations. NOTE Panels which are intended for use exclusively as thermal insulating products are covered by EN 13171.

Keel: en

Alusdokumendid: prEN 622-4

Asendab dokumenti: EVS-EN 622-4:2019

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

### prEN ISO 1514

#### **Paints and varnishes - Standard panels for testing (ISO/DIS 1514:2023)**

ISO 1514:2016 specifies several types of standard panels and describes procedures for their preparation prior to painting. These standard panels are for use in general methods of test for paints, varnishes and related products.

Keel: en

Alusdokumendid: ISO/DIS 1514; prEN ISO 1514

Asendab dokumenti: EVS-EN ISO 1514:2016

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN ISO 2884-1

#### **Paints and varnishes - Determination of viscosity using rotational viscometers - Part 1: Absolute viscosity measurement with cone-plate measuring geometry at high shear rates (ISO/DIS 2884-1:2023)**

This part of ISO 2884 is one of a series dealing with the sampling and testing of paints, varnishes and related products. It supplements ISO 2431:1993, Paints and varnishes — Determination of flow time by use of flow cups. It specifies the general procedure to be followed in determining the dynamic viscosity of paints, varnishes and related products at a rate of shear between 9 000 s<sup>-1</sup> and 12 000 s<sup>-1</sup>. The value obtained gives information about the resistance offered by the material to brushing, spraying and roller coating during application. The method specified in this part of ISO 2884 is suitable for all paints and varnishes whether they are Newtonian in behaviour or not. Materials containing dispersions of large particles will produce spurious results.

Keel: en

Alusdokumendid: ISO/DIS 2884-1; prEN ISO 2884-1

Asendab dokumenti: EVS-EN ISO 2884-1:2006

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN ISO 2884-2

#### **Paints and varnishes - Determination of viscosity using rotational viscometers - Part 2: Relative measurement of viscosity using disc or ball spindles at specified speeds (ISO/DIS 2884-2:2023)**

ISO 2884-2:2003 specifies a general procedure for determining the viscosity of paints, varnishes and related products with a viscosity of up to 34 pascal seconds. It is applicable mainly during production and thinning.

Keel: en

Alusdokumendid: ISO/DIS 2884-2; prEN ISO 2884-2

Asendab dokumenti: EVS-EN ISO 2884-2:2006

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN ISO 4628-3

#### **Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting (ISO/DIS 4628-3:2023)**

ISO 4628-3:2016 specifies a method for assessing the degree of rusting of coatings by comparison with pictorial standards. The pictorial standards provided in this part of ISO 4628 show coated steel surfaces which have deteriorated to different degrees by a combination of rust broken through the coating and visible underrust. NOTE 1 The pictorial standards have been selected from the "European rust scale" published by the European Confederation of Paint, Printing Ink and Artists' Colours Manufacturers' Associations (CEPE), Brussels. The correlation between the ISO scale and the "European rust scale" is given in Annex B, Table B.1. NOTE 2 The correlation between the ISO scale and the rating system of ASTM D 610 is given in Annex B, Table B.2. NOTE

3 The rust formation on uncoated steel surfaces is designated in accordance with ISO 8501-1 (rust grades A, B, C, and D). ISO 4628-1 defines the system used for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.

Keel: en

Alusdokumendid: ISO/DIS 4628-3; prEN ISO 4628-3

Asendab dokumenti: EVS-EN ISO 4628-3:2016

Arvamusküsitluse lõppkuupäev: 13.11.2023

## 91 EHTUSMATERJALID JA EHTUS

### prEN 12310-1

#### **Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of resistance to tearing (nail shank)**

This European Standard specifies a method for the determination of the resistance tearing (nail shank) of bitumen sheets for roofing.

Keel: en

Alusdokumendid: prEN 12310-1

Asendab dokumenti: EVS-EN 12310-1:2000

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 12504-5

#### **Testing concrete in structures — Part 5: Determination of concrete cover using electromagnetic covermeters**

This document gives recommendations on and describes the principles of operation of electromagnetic devices that may be used for estimating the position, depth and size of reinforcement buried in concrete. It also describes their methods of use and applications, the accuracy to be expected and the factors which may influence the results. Electromagnetic covermeters can be used for: a) quality control, to ensure correct location and cover to reinforcing bars after concrete placement; b) investigation of concrete members for which records are not available or need to be checked; c) location of reinforcement as a preliminary to some other form of testing in which reinforcement should be avoided or its nature considered, e.g. extraction of cores, ultrasonic pulse velocity measurement or "near-to-surface" methods; d) location of buried ferromagnetic objects other than reinforcement, e.g. water pipes, steel joists, lighting conduits.

Keel: en

Alusdokumendid: prEN 12504-5

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 17990

#### **Thermal insulation and energy economy in buildings - Method to determine the durability of bondings with adhesive tapes and adhesive masses for the establishment of airtight layers under climatic conditions representative for indoor environments**

This document specifies methods to determine the durability of bondings prepared by means of adhesive materials (e.g. adhesive tapes and adhesive masses) for the establishment of airtight layers under climatic conditions representative for indoor environments based on test methods with and without ageing. The methods provided by this document are neither suitable for a short time evaluation of durability nor can they be applied to in-field testing. This document excludes test methods for external weathering or UV exposure, even though this might occur during the construction phase. The following typical applications are distinguished: - bonding of the overlap of flexible airtightness layers; - bonding of flexible airtightness layers to construction products and penetrations; - establishment of airtightness layers by means of sheet materials and adhesive tapes. This document does not cover test methods for: - pre-compressed sealing tapes and sealing profiles which will be mechanically secured; - butyl-based adhesive tapes or adhesive masses; - sheet joints of wood-based panels or gypsum plasterboards with adhesive masses or filler systems; - bondings of bitumen membranes or of bitumen membranes to construction products; - bonding of self-adhesive membranes; - adhesive masses from reels. Adhesive masses from reels are cured viscoelastic adhesive masses, which are used in the same field of application as adhesive masses. The tack is not addressed. It does not allow any conclusion on the durability of a bonding.

Keel: en

Alusdokumendid: prEN 17990

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 1848-1

#### **Flexible sheets for waterproofing - Determination of length, width and straightness - Part 1: Bitumen sheets for roof waterproofing**

This document specifies a method for the determination of the length, width and straightness of bitumen sheets for roof waterproofing.

Keel: en

Alusdokumendid: prEN 1848-1

Asendab dokumenti: EVS-EN 1848-1:2000

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 1991-1-7

#### **Eurocode 1 - Actions on structures - Part 1-7: Accidental actions**

1.1 Scope of prEN 1991-1-7 (1) prEN 1991 1 7 provides actions and rules for safeguarding buildings and other civil engineering works against identifiable accidental actions. NOTE 1 Identifiable accidental actions include impact from vehicles and internal explosions. NOTE 2 Rules on impact from vehicles travelling on a bridge deck are given in prEN 1991 2. (2) prEN 1991 1 7 also covers actions and rules for tying systems and key members; information on risk assessment; dynamic design for impact; actions for internal explosions; actions from debris. 1.2 Assumptions (1) The general assumptions of EN 1990 apply to prEN 1991 1 7. (2) prEN 1991 1 7 is intended to be used in conjunction with EN 1990, EN 1991 (all parts) and the other Eurocode parts for the design of structures.

Keel: en

Alusdokumendid: prEN 1991-1-7

Asendab dokumenti: EVS-EN 1991-1-7/NA:2009

Asendab dokumenti: EVS-EN 1991-1-7:2006

Asendab dokumenti: EVS-EN 1991-1-7:2006/AC:2010

Asendab dokumenti: EVS-EN 1991-1-7:2006+NA:2009

Asendab dokumenti: EVS-EN 1991-1-7:2006+NA:2009/AC:2022

Asendab dokumenti: EVS-EN 1991-1-7:2006+NA:2009+A1:2014

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 1993-1-14

#### **Eurocode 3 - Design of steel structures - Part 1-14: Design assisted by finite element analysis**

1.1 Scope of prEN 1993-1-14 (1) This document gives principles and requirements for the use of numerical methods in the design of steel structures, more specifically for the ultimate limit state (including fatigue) and serviceability limit state verifications. It also gives principles and requirements for the application of advanced finite element (FE) and similar modelling techniques for numerical simulation which also covers safety assessment. (2) This document covers general methodologies such as the finite element method (FEM), finite strip method (FSM) or generalized beam theory (GBT) for modelling, analysis and design of steel structures made of the following members and joint configurations: a) hot-rolled profiles, b) cold-formed members and sheeting, c) welded plated profiles, d) stainless steel profiles, e) plate assemblies, f) shell structures, g) welded and bolted joints. In addition to the general design rules, specific additional rules can also be found in the relevant standard parts in EN 1993. (3) This document contains harmonized design rules in terms of the application of the numerical modelling methods, development of the numerical models, application of analysis types, result evaluation methods, and determination of the resistance of steel structures for different limit states. 1.2 Assumptions (1) This document gives rules intended for engineers who are experienced in the use of FE. (2) It is recognized that structural analysis, based upon the laws of physics, has been successfully researched, developed, historically or currently used for the design and verification of elements or whole structural frames. This remains appropriate for many structural solutions. However, when a more detailed understanding of structural behaviour is required, the methods described in this document can be useful for the professional design. (3) Unless specifically stated, EN 1990, EN 1991 (all parts) and the other relevant parts of EN 1993-1 (all subparts) apply. (4) The design methods given in EN 1993-1-14 are applicable if - the execution quality is as specified in EN 1090-2 and/or EN 1090-4, and - the construction materials and products used are as specified in the relevant parts of EN 1993 (all parts), or in the relevant material and product specifications.

Keel: en

Alusdokumendid: prEN 1993-1-14

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 1993-5

#### **Eurocode 3 - Design of steel structures - Part 5: Piling**

(1) EN 1993-5 provides rules for structural design of bearing piles and sheet piles made of steel. (2) EN 1993-5 provides rules for the structural design of steel elements for foundations and retaining wall structures constructed using steel piles. (3) EN 1993-5 is applicable to: — steel piled foundations for civil engineering works on land and over water; — temporary or permanent structures needed to carry out steel piling work; — temporary and permanent retaining structures made of continuous steel piling. (4) EN1993-5 does not apply to: — offshore platforms; — dolphins; — ground reinforcing elements. NOTE : Ground reinforcing elements include rock bolts; soil nails; sprayed concrete; wire mesh and facing elements. (5) EN 1993-5 does not cover the following aspects : — geotechnical design; — seismic design. NOTE 1 For geotechnical design refer to EN 1997 (all parts). NOTE 2 For the effects of ground movement caused by earthquakes refer to EN 1998-5. (6) EN 1993-5 provides methods for design by calculation and for design assisted by testing.

Keel: en

Alusdokumendid: prEN 1993-5

Asendab dokumenti: EVS-EN 1993-5/NA:2009

Asendab dokumenti: EVS-EN 1993-5:2007

Asendab dokumenti: EVS-EN 1993-5:2007/AC:2009

Asendab dokumenti: EVS-EN 1993-5:2007+NA:2009

Arvamusküsitluse lõppkuupäev: 13.11.2023

### prEN 1998-1-2

#### **Eurocode 8 - Design of structures for earthquake resistance - Part 1-2: Buildings**

EN 1998-1-2 is applicable to the design and verification of new buildings and temporary structures in seismic regions.

Keel: en



Alusdokumendid: prEN 1998-1-2  
Asendab dokumenti: EVS-EN 1998-1:2005  
Asendab dokumenti: EVS-EN 1998-1:2005/AC:2009

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 1998-3

#### **Eurocode 8 - Design of structures for earthquake resistance - Part 3: Assessment and retrofitting of buildings and bridges**

EN 1998-3 is intended to provide criteria for the assessment of the seismic performance of existing individual buildings or bridges, to describe the procedure to be followed in selecting necessary corrective measures and to set forth criteria for the design of retrofitting measures. It covers the seismic assessment and retrofitting of buildings and bridges made of the more commonly used structural materials: concrete, steel and composite, timber and masonry. Although the provisions of EN 1998-3 are applicable to all common categories of buildings and bridges, the seismic assessment and retrofitting of monuments and historical structures often requires different types of provisions and approaches, depending on the nature of the monuments. It is also not intended for the vulnerability assessment of populations or groups of structures in the scope of seismic risk evaluation.

Keel: en

Alusdokumendid: prEN 1998-3  
Asendab dokumenti: EVS-EN 1998-3:2005  
Asendab dokumenti: EVS-EN 1998-3:2005/AC:2013

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEN 1998-4

#### **Eurocode 8 - Design of structures for earthquake resistance - Part 4: Silos, tanks, pipelines, towers, masts and chimneys**

EN 1998-4 is applicable to the seismic design of on-ground and elevated silos, on-ground, elevated and underground tanks, above-ground and buried pipeline systems, towers, masts and chimneys and ancillary elements attached to the aforementioned structures or in industrial facilities.

Keel: en

Alusdokumendid: prEN 1998-4  
Asendab dokumenti: EVS-EN 1998-4:2006  
Asendab dokumenti: EVS-EN 1998-6:2005

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

### prEVS 920-5

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

See standard määratleb nõuded lamekatuste konstruktsiooni- ja sõlmahenduste ehitamiseks ning peamised nõuded lamekatustel kasutatavatele materjalidele. Standard määrab nõuded toodetele ja paigalduslahendustele nende kasutamiseks tavalistes eksploatatsioonitingimustes ettemääratud minimaalseks tööeaks. Lamekatuseks nimetatakse kokkuleppeliselt katuseid, mille kalle on 1:10 või sellest väiksem. Lamekatused on üldjuhul kaetud rullmaterjaliga või muu katkematu hüdroisolatsiooniga. Standard on mõeldud juhendamiseks lamekatuste paigaldajatele, üldehitajatele, materjalide tootjatele, projekteerijatele, arhitektidele, ehitusjärelvalvele, ekspertidele ja lõpptarbijatele. Katusehooldust käsitletakse standardis EVS 920-1.

Keel: et

Asendab dokumenti: EVS 920-5:2015  
Asendab dokumenti: EVS 920-5:2015/AC:2015

**Arvamusküsitluse lõppkuupäev: 14.10.2023**

## 97 OLME. MEELELAHUTUS. SPORT

### prEN IEC 60704-2-9:2023

#### **Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances**

This clause of IEC 60704-1:2021 is applicable except as follows: Replacement: This part of IEC 60704 applies to electric hand-held hairdryers for household and similar use supplied from mains, which operate with a flow of air. These particular requirements can also be applied to analogous electrically operated devices such as hairstyling appliances, which produce the airflow by a fan. Helmet-type hairdryers are excluded from this standard. This standard does not apply to hair care appliances with radiant heating. For determining and verifying noise emission values declared in product specifications, see IEC 60704-3:2019.

Keel: en

Alusdokumendid: 59L/239/CDV; prEN IEC 60704-2-9:2023  
Asendab dokumenti: EVS-EN 60704-2-9:2004

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

**prEN IEC 62676-2-11:2023**

**Alarm systems - Video Surveillance Systems (VSS) for use in security applications - Part 2-11: Video transmission protocols - Interop profiles for VMS- and cloud VSaaS-systems for safe-cities and law-enforcement**

Based on the IP video features offered by the IEC 62676-2 protocol standard series, this document defines minimum requirement profiles for Video Management- (VMS) and Cloud Video-Surveillance-as-a-Service (VSaaS) Systems to optimize interfacing with third parties. It defines minimum required VMS interoperability levels from video export to exclusive video control, for the sake of remote support e.g., in crisis situations, regulating governmental organizations, national law enforcement, private security service companies, public transport operators and other authorities. This document is intended to set the common technical basis for national regulations requiring inter-organizational remote-, local- or on-site access e.g., by authorities to VSS, granted only temporary e.g., in case of emergency situations. This standard is accordingly expected to supersede ISO 22311 standard (Societal Security — Video-surveillance — Export interoperability).

Keel: en

Alusdokumendid: 79/697/CDV; prEN IEC 62676-2-11:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**

**prEN IEC 63270:2023**

**Industrial automation equipment and systems - Predictive maintenance**

This standard provides guidance on the functional structure model, procedure, method, interface of function blocks. It also offers guidance on data requirements for predictive maintenance of equipment, devices, and systems for industrial automation applications. Condition monitoring is not only within the scope of this standard but can also be an important input for predictive maintenance.

Keel: en

Alusdokumendid: 65E/1029/CDV; prEN IEC 63270:2023

**Arvamusküsitluse lõppkuupäev: 13.11.2023**



# TÖLKED KOMMENTEERIMISEL

Allpool on toodud teave kommenteerimisetappi jõudnud eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate alapäraste Eesti standardite ja dokumentide kohta.

Tõlkekavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast [standardimisprogrammist](#).

## **EVS-EN 1434-1:2022**

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

See dokument määratleb üldnõuded soojusarvestitele. Soojusarvestid on seadmed, mis on ette nähtud energia mõõtmiseks, mis neeldub (jahutus) või eraldub (küte) soojusvahetuskontuurides vedeliku, mida nimetatakse soojuskandjaks, kaudu. Soojusarvesti näitab soojusenergia hulka ametlikult kehtivates ühikutes. See dokument käsitleb ainult arvesteid kinniste süsteemide jaoks, kus rõhulang soojuskoormusel on piiritletud. See dokument ei kohaldu: — elektriõhutamise nõuetele; — surveõhutamise nõuetele; ja — pindpaigaldusega temperatuuranduritele.

Keel: et

Alusdokumendid: EN 1434-1:2022

**Kommenteerimise lõppkuupäev: 14.10.2023**

## **EVS-EN 16907-4:2018**

### **Mullatööd. Osa 4: Pinnase töötlemine lubja ja/või hüdrauliliste sideainetega**

Käesolevat Euroopa standardit kohaldatakse looduslike pinnaste, nõrkade kaljude, keskmise tugevusega kaljude, kriidi, ringlussevõetud materjalide ja tehismaterjalide sideainetega töötlemise suhtes, mida kasutatakse teede, raudteede, lennuväljade, platvormide, tammide, tiikide ja mistahes muud liiki pinnaserajatiste ehitamise ja hooldamise käigus mullatöödel. See seondub üksnes kihtide kaupa töötlemisega, mis on valmistatud mullatöödeks kohapeal või segamisseadmes, erinevalt näiteks sammaste kaupa töötlemisega. Standardis määratletakse nõuded segude koostisosadele, eelneva laboratoorse kontrolli meetodikale, laboratoorsele toimivuse klassifikatsioonile, teostamisele ja kontrollile. MÄRKUS 1 Teatmelisades esitatakse ka näited teostamise ja kontrolli heade tavade kohta. Käesolevas Euroopa standardis määratletud laboratoorne toimivuse klassifikatsioon hõlmab kahte töötlemisviisi: parendamine ja stabiliseerimine. Parendamise puhul seondub klassifikatsioon lühiajaliste toimivusega. Stabiliseerimise puhul seondub klassifikatsioon keskmise pikkusega kuni pikaajaliste tulemustega. MÄRKUS 2 CEN/TC 396 „Earthworks” poolt koostatud standard EN 16907-4 käsitleb parendamist ja stabiliseerimist mullatöödel. CEN/TC 227 „Road materials” poolt koostatud standard EN 14227-15 käsitleb ainult katendite stabiliseerimist. MÄRKUS 3 Stabiliseerimisel kasutatakse standardis EN 16907-4 kirjeldatud toimivuse klassifikatsioonis üldiselt sama laboratoorse toimivuse klassifikatsiooni, mis on esitatud standardis EN 14227-15, välja arvatud standardis EN 14227-15 esitatud vastav katendite toimivuse klassifikatsiooni skeem „Rt ja E”, mis on asendatud standardis EN 16907-4 mullatöödele omase toimivuse klassifikatsiooni skeemiga „Rt ja E” (joonis 1).

Keel: et

Alusdokumendid: EN 16907-4:2018

**Kommenteerimise lõppkuupäev: 14.10.2023**

## **EVS-EN ISO 15610:2023**

### **Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine - katsetatud keevitusmaterjalidel põhinev kvalifitseerimine**

See dokument määratleb, kuidas saab keevitusprotseduuri kvalifitseerida kasutades katsetatud keevitusmaterjalide andmeid. See laiendab standardis ISO 15607 esitatud nõudeid.

Keel: et

Alusdokumendid: ISO 15610:2023; EN ISO 15610:2023

**Kommenteerimise lõppkuupäev: 14.10.2023**

## **prEN 12255-9**

### **Reoveepuhastid. Osa 9: Osa 9: Lõhnatõrje ja ventilatsioon**

See standard määratleb lõhnatõrje ja sellega seotud ventilatsiooni projekteerimise põhimõtted ja toimivusnõuded reoveepuhastitele, mis teenindavad enam kui 50 ie.

Keel: et

Alusdokumendid: prEN 12255-9

**Kommenteerimise lõppkuupäev: 14.10.2023**

## **prEN 12521**

### **Mööbel. Ohutus, tugevus ja vastupidavus. Nõuded kodulaudadele**

See dokument määrab minimaalsed ohutuse, tugevuse ja vastupidavuse nõuded kõikidele täiskasvanutele kasutamiseks mõeldud kodulaudade tüüpidele, kaasa arvatud nendele, mille konstruktsioonis on klaas. See sisaldab ka täiendavaid katsemeetodeid lisas A ja lisas B. See ei rakendu büroolaudadele või pultidele, koduvälise kasutusega laudadele, haridusasutuste

laudadele ja õuelaudadele, millele on olemas Euroopa standardid. See ei rakendu pukkjalgadega laudadele. See dokument ei anna hinnangut ühegi kodulaudades sisalduva mahutuselemendi sobivuse kohta, välja arvatud püstivuskatsete puhul. See ei sisalda nõudeid elektrihohtusele. See ei sisalda nõudeid vastupanule vananemisele ja kvaliteedi halvenemisele. Lisa A (normlisa) sisaldab katsemeetodeid sõrmede kinnijäämiseks. Lisa B (teatmelisa) sisaldab lauaplaadi läbipainde katset. Lisa C (teatmelisa) sisaldab põhjendust.

Keel: et

Alusdokumendid: prEN 12521

**Kommenteerimise lõppkuupäev: 14.10.2023**

## prEVS-ISO/IEC 20000-2+A1

### Infotehnoloogia. Teenusehaldus Osa 2: Juhised teenusehalduse süsteemide rakendamiseks

1.1 Üldist See dokument annab juhised standardil ISO/IEC 20000-1 põhineva teenusehalduse süsteemi (SMSi) rakendamiseks. Ta sisaldab näiteid ja soovitusi, mis võimaldavad organisatsioonidel tõlgendada ja rakendada standardit ISO/IEC 20000-1, sealhulgas viiteid ISO/IEC 20000 teistele osadele ja muudele asjakohastele standarditele. Joonis 1 illustreerib SMSi, mille sisu vastab ISO/IEC 20000-1 jaotistele. See ei esita struktuurset hierarhiat, järjestust ega õiguste tasemeid. Joonis 1 — Teenusehalduse süsteem Jaotiste struktuur on mõeldud nõuete ühtseks esitamiseks, mitte selleks, et anda organisatsiooni poliitikate, eesmärkide ja protsesside dokumenteerimise mudelit. Iga organisatsioon võib valida, kuidas ühendada nõuded protsessideks. Iga organisatsiooni ja selle klientide, kasutajate ja muude huvipoolte vaheline seos mõjutab protsesside rakendamist. Organisatsiooni kavandatud SMS ei saa siiski välistada ühtki standardis ISO/IEC 20000-1 määratletud nõuet. Selles dokumendis kasutatud mõiste „teenus” viitab SMSi käsitlusalasle kuuluvatele teenustele. Selles dokumendis kasutatud mõiste „organisatsioon” viitab SMSi käsitlusalasle kuuluvale organisatsioonile. SMSi käsitlusalasle kuuluv organisatsioon võib olla osa suuremast organisatsioonist, näiteks suuretevõtte infotehnoloogia osakond. Organisatsioon haldab ja pakub klientidele teenuseid ning seda võib nimetada ka teenuseandjaks. Selles dokumendis eristatakse selgelt mõistet „teenus” või „organisatsioon” kasutamist muudel eesmärkidel. Selles dokumendis kasutatud mõistet „pakutud” võib tõlgendada kui kõiki teenuse elutsükli tegevusi, mida tehakse lisaks igapäevastele käidutegevustele. Teenuse elutsükli tegevused hõlmavad plaanimist, kavandamist, üleminekut, tarnimist ja täiustamist. 1.2 Rakendamine Selles dokumendis olevad juhised on üldised ja mõeldud kohaldamiseks igale SMSi rakendavale organisatsioonile, olenemata organisatsiooni tüübist või suurusest või antavate teenuste olemusest. Kuigi seda saab kasutada 'olenemata organisatsiooni tüübist või suurusest või antavate teenuste olemusest', on ISO/IEC 20000-1 juured ITs. See on mõeldud teenuste teenusehalduseks, kasutades tehnoloogiat ja digitaalset teavet. Selles dokumendis toodud näited illustreerivad ISO/IEC 20000-1 erinevaid kasutusviise. Teenuseandja vastutab SMSi eest ega saa seetõttu nõuda, et teine pool täidaks standardi ISO/IEC 20000-1:2018 jaotiste 4 ja 5 nõudeid. Näiteks ei saa organisatsioon paluda, et teine pool tooks kohale tippjuhtkonna ja näitaks tippjuhtkonna kohustumust või näitaks teenuse elutsükliga seotud poolte ohjet. Mõnda ISO/IEC 20000-1:2018 jaotistes 4 ja 5 toodud tegevust võib organisatsiooni juhtimise all läbi viia teine pool. Näiteks võib organisatsioon paluda teisel poolel luua SMSi võtmedokumentina esialgne teenusehalduse plaan. Kui plaan on koostatud ja kokku lepitud, vastutab selle eest organisatsioon ja hooldab seda. Nendes näidetes kasutab organisatsioon konkreetsete lühiajaliste tegevuste jaoks teisi pooli. Organisatsioonil on SMSi suhtes vastutus, õigused ja kohustused. Seetõttu saab organisatsioon tõendada kõikide standardi ISO/IEC 20000-1:2018 jaotiste 4 ja 5 nõuete täitmist. Standardi ISO/IEC 20000-1:2018 jaotiste 6 kuni 10 puhul võib organisatsioon tõendada, et see täidab ise kõik nõuded. Teise võimalusena võib organisatsioon tõendada, et ta on vastutav nõuete täitmise eest, kui teised pooled on kaasatud standardi ISO/IEC 20000-1:2018 jaotiste 6 kuni 10 nõuete täitmisesse. Organisatsioon saab tõendada teiste teenuse elutsükliga seotud poolte ohjet (vt 8.2.3). Näiteks võib organisatsioon tõendada meetmete olemasolu teise poole puhul, kes annab taristuteenuse komponente või haldab toekeskust, sealhulgas intsidendihalduse protsessi. Organisatsioon ei saa tõendada vastavust standardi ISO/IEC 20000-1 nõuetele, kui kõikide SMSi käsitlusalasle kuuluvate teenuste, teenusekomponentide või protsesside andmiseks või käiguhoidmiseks kasutatakse teisi pooli. Kui aga teised pooled annavad või hoiavad käigus ainult mõningaid teenuseid, teenusekomponente või protsesse, suudab organisatsioon tavaliselt tõendada, et see vastab ISO/IEC 20000-1 nõuetele. Selle dokumendi käsitlusala ei hõlma toodete või tööriistade spetsifikatsioone. Siiski saab standardit ISO/IEC 20000-1 ja seda dokumenti kasutada SMSi talitlust toetavate toodete või tööriistade väljatöötamisel või hankimisel. 1.3 Struktuur See dokument järgib standardi ISO/IEC 20000-1 jaotisi ja sisaldab alates 4. jaotisest iga jaotise või alajaotise kohta kolm osa: a) Nõutavad tegevused: standardi ISO/IEC 20000-1 selles jaotises nõutavate tegevuste kokkuvõte. Pange tähele, et see kokkuvõte ei korda ISO/IEC 20000-1 nõudeid ega lisa uusi nõudeid, vaid lihtsalt kirjeldab tegevusi; b) Selgitus: jaotise eesmärgi selgitus ja jaotise sisu praktilised juhised, sealhulgas näited ja soovitused ISO/IEC 20000-1 nõuete rakendamise kohta. Vajaduse korral viidatakse ISO/IEC 20000 teistele osadele ja muudele asjakohastele standarditele; c) Muu teave: juhised rollide ja kohustuste ning SMSi teostust toetava dokumenteeritud teabe kohta. Siin võib olla ka asjakohast lisateavet.

Keel: et

Alusdokumendid: ISO/IEC 20000-2:2019; ISO/IEC 20000-2:2019/Amd 1:2020

**Kommenteerimise lõppkuupäev: 14.10.2023**

# 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 allpool 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 50090-6-1:2017**

### **Home and Building Electronic Systems (HBES) - Part 6-1: Interfaces - Webservice interface**

This European Standard defines a standardized web service based interface between Home and Building HBES Open Communication System and other information technology (IT) systems. The standardized interface is encapsulated in a gateway device, the HBES Gateway, which is able to communicate with both the Home and Building HBES Open Communication System and the connected IT systems. The HBES Gateway implements a set of encoding standards (see 10.2) as well as various message exchange protocols (see 10.3) to enable remote access to the Home and Building HBES Open Communication System via the Internet or another wide area network (WAN). For this purpose, gateway profiles define different implementation levels (see 10.4).

Keel: en

Alusdokumendid: EN 50090-6-1:2017

Tühistamisküsitluse lõppkuupäev: 14.10.2023

## TEADE EUROOPA STANDARDI OLEMASOLUST

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

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast [standardimisprogrammist](#). Lisateave standardiosakonnast: [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

### EN 1176-10:2023

#### **Playground equipment and surfacing - Part 10: Additional specific safety requirements and test methods for fully enclosed play equipment**

Eeldatav avaldamise aeg Eesti standardina 11.2023

# UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast [standardimisprogrammist](#).

## **EVS-EN 12390-19:2023**

### **Kivistunud betooni katsetamine. Osa 19: Elektrilise eritakistuse määramine Testing of hardened concrete - Determination of electrical resistivity**

Selles dokumendis kirjeldatakse kahte meetodit veega küllastunud betooni elektrilise eritakistuse mõõtmiseks: mahumeetodit (vt jaotis 3.1.3), mis on referentsmeetod, ja pinnameetodit (vt jaotis 3.1.4). Dokumendis esitatakse pinnameetodi kalibreerimise menetlus referentsmahumeetodi abil. Mõlemad meetodid annavad sama eritakistuse väärtuse, eeldusel et järgitakse selle dokumendi eeskirju [kasutades nende ekvivalentsuse tagamiseks kujutegurit (Ff)]. MÄRKUS Mahumeetod on kasutatav valatud katsekehade või puursüdami ke puhul, samas kui pinnameetod sobib kasutamiseks valatud katsekehade, puursüdami ke ja ka ehitusplatsil valatud betooni puhul, kuid kõiki neid rakendusi selles dokumendis ei käsitleta. Meetod on rakendatav tavalistele, kehtivate standarditega hõlmatud betoonidele. See ei kehti betoonidele, mis sisaldavad metallkomponente või mille valmistamisel on kasutatud poorseid täitematerjale. Selles dokumendis ei käsitleta eritakistuse kasutamist olemasolevate konstruktsioonide sarruse korrosioonipotentsiaali hindamiseks. Selles dokumendis ei käsitleta eritakistuse kasutamist olemasolevast konstruktsioonist võetud puursüdami ke katsetamiseks, mis vajavad eelnevat konditsioneerimist veega küllastamise teel.

## **EVS-EN 14511-4:2022**

### **Õhukonditsioneerid, vedelikjahutusseadmed ja soojuspumbad ruumide kütteks ja jahutuseks ning protsessijahutid elektrikompressoritega. Osa 4: Nõuded Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors - Part 4: Requirements**

1.1 Standardi EN 14511-1:2022 käsitlusala on kohaldatav, erandina protsessi jahutid. 1.2 See dokument määratleb minimaalsed kasutusnõuded, mis tagavad, et õhukonditsioneerid, soojuspumbad ja elektrikompressoriga vedelikjahutusseadmed, mis kasutavad soojus-/külmakandjana kas õhku, vett või soolvett, on sobilikud kasutamiseks tootja määratud viisil ruumi kütteks ja/või jahutuseks.

## **EVS-EN 15085-4:2023**

### **Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 4: Tootmisenõuded**

#### **Railway applications - Welding of railway vehicles and components - Part 4: Production requirements**

See dokument määrab kindlaks raudteeveeremi ja komponentide keevitustööde (s.o ettevalmistamise ja teostamise) nõuded.

## **EVS-EN 50122-1:2022**

### **Raudteealased rakendused. Püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock**

Selles dokumendis määratletakse nõuded kaitsemeetmetele, mis on seotud vahelduv- ja/või alalisvoolu veosüsteemidega seotud püsipaigaldiste ning mis tahes paigaldistega, mida elekterveosüsteem võib ohustada. See hõlmab ka elektrifitseeritud liinidel liikuvate veeremite suhtes kohaldatavaid nõudeid. Samuti kohaldatakse seda kõigi kohtkindlate paigaldiste aspektide suhtes, mis on vajalikud elektriohutuse tagamiseks elekterveotoitesüsteemide hooldustööde ajal. Seda dokumenti kohaldatakse uute elekterveotoitesüsteemide ja elekterveotoitesüsteemide oluliste muudatuste suhtes, mis käsitlevad järgnevat: a) raudteed; b) juhitavad ühistranspordisüsteemid, näiteks 1) trammiteed, 2) kõrgendatud ja maa-alused raudteed, 3) mägiraudteed, 4) trollibusside süsteemid, 5) kontaktõhuliini süsteemi kasutavate maanteesõidukite elekterveotoitesüsteemid ja 6) kontaktliini süsteemi kasutavad magnethõljuk-süsteemid; c) materjali transpordisüsteemid. Seda dokumenti ei kohaldata järgneva suhtes: a) elekterveotoitesüsteemid allmaakaevandustes, b) kraanad, teisaldatavad platvormid jms sarnased transpordivahendid rööbastel, ajutistel konstruktsioonidel (nt näituse konstruktsioonid), kui neid ei varustata kontaktliini süsteemist otse või trafode kaudu ega ohusta elekterveotoitesüsteem, c) kõissõidukid, d) köisraudteed, e) olemasolevad veeremid. Selles dokumendis ei täpsustata hooldustööde töökorraldusi. Selles dokumendis toodud elektrilöögi eest kaitsmisega seotud nõudeid kohaldatakse ainult isikute suhtes.

## **EVS-EN ISO 16032:2004**

### **Akustika. Hoonete tehnoseadmete helirõhutaseme mõõtmine. Inseneritehniline meetod Acoustics - Measurement of sound pressure level from service equipment in buildings - Engineering method**

Dokumendis määratletakse meetodid hoone konstruktsioonidele paigaldatud tehnoseadmetest lähtuva helirõhutaseme mõõtmiseks. Täpsemalt hõlmab dokument sanitaarseadmete, mehaanilise ventilatsiooni, kütte- ja jahutusseadmete, liftide, prügišahtide, katelde, puhurite, pumpade ja muude abiseadmete ning mootoriga käitatavate garaažiuste mõõtmisi, kuid seda saab rakendada ka hoonetele või hoonetesse paigaldatud teistele seadmetele. Meetodid sobivad ruumidele kubatuuriga ligi 300 m<sup>3</sup>

või vähem, nt eluhooned, hotellid, koolid, kontorid ja haiglad. Standard ei ole üldiselt nähtud ette suurte auditooriumide ja kontserdisaalide mõõtmiseks. Sellistel juhtudel võib siiski kasutada lisas B esitatud talitlustingimusi ja talitlustuskleid. Tehnoseadme helirõhutase määratakse maksimaalse A-kaalutud ja valikuliselt C-kaalutud helirõhutasemena, mis esineb katsealuse tehnoseadme kindlaksmääratud talitlustuski jooksul, või samaväärse pideva helirõhutasemena, mis määratakse kindlaks määratletud integratsiooniajaga. A-kaalutud ja C-kaalutud väärtused arvutatakse oktaaviriba mõõtmiste alusel.

### **EVS-EN ISO 45001:2023**

#### **Töötervishoiu ja tööohutuse juhtimissüsteemid. Nõuded koos kasutusjuhistega Occupational health and safety management systems - Requirements with guidance for use (ISO 45001:2018)**

See dokument määrab kindlaks nõuded töötervishoiu ja tööohutuse (TTO) juhtimissüsteemile ja annab juhised, kuidas seda kasutada, et võimaldada organisatsioonidel pakkuda ohutuid ja tervislikke töökohti, ennetades tööga seonduvaid vigastusi ja tervisekahjustusi, samuti nagu proaktiivselt parendades organisatsiooni TTO-alast tulemuslikkust. Seda dokumenti kohaldatakse kõikide organisatsioonide suhtes, kes soovivad seada sisse, viia ellu ja hoida toimivana TTO juhtimissüsteemi, et parandada töötervishoidu ja tööohutust, kõrvaldada ohte ja minimeerida TTO riske (sealhulgas süsteemi vajakajäämisi), kasutada TTO võimalusi ja käsitleda oma tegevusega seotud TTO juhtimissüsteemi mittevastavusi. See dokument aitab organisatsioonil saavutada TTO juhtimissüsteemi kavatsatud väljundeid. TTO juhtimissüsteemi kavatsuvad väljundid, mis on kooskõlas organisatsiooni TTO-alaste juhtpõhimõtetega, hõlmavad järgmist: a) TTO-alase tulemuslikkuse järjepidev parendamine; b) õigusaktide jm nõuete täitmine; c) TTO-alaste eesmärkide saavutamine. See dokument on kohaldatav kõikidele organisatsioonidele nende suurusest, tüübist ja olemusest sõltumata. See kohaldub TTO riskidele, mida organisatsioon võib ohjata, võttes arvesse selliseid tegureid nagu kontekst, milles organisatsioon toimib, ning töötajate ja teiste huvipoolte vajadused ning ootused. See dokument ei esita eriomaseid kriteeriume ei TTO-alasele tulemuslikkusele ega kirjuta ette TTO juhtimissüsteemi ülesehitust. See dokument võimaldab organisatsioonil oma TTO juhtimissüsteemi kaudu lõimida tervise ja ohutuse muud aspektid, näiteks töötajate hea olemise / heaolu. Selles dokumendis ei käsitleta selliseid küsimusi nagu tooteohutus, varakahjustus või keskkonnamõjud väljaspool nendega seonduvaid ohtusid töötajatele ja teistele huvipooltele. Seda dokumenti võib kasutada tervikuna või osaliselt selleks, et TTO juhtimist süstemaatiliselt parendada. Selle dokumendiga vastavuses olekut ei saa siiski kinnitada, kuni kõik selle nõuded ei ole hõlmatud organisatsiooni TTO juhtimissüsteemiga ja täidetud ilma välistusteta.

### **EVS-HD 60364-4-43:2023**

#### **Madalpingelised elektripaigaldised. Osa 4-43: Kaitseviisid. Liigvoolukaitse Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent (IEC 60364-4-43:2023)**

Standardisarja IEC 60364 selles osas on esitatud nõuded — pingestatud juhtide, PEN-, PEM- ja PEL-juhtide kaitsele liigvoolust põhjustatud kahjulike toimete eest; — liigvoolu kaitsemeetmete koordineerimisele. MÄRKUS 1 Selle dokumendi nõuded ei võta arvesse välistoimeid. MÄRKUS 2 Juhtide kaitse selle dokumendi kohaselt ei pruugi tingimata kaitsta nende juhtidega ühendatud seadmeid. MÄRKUS 3 Paindkaablid ja -juhtmed, mis on ühendatud kohtkindla paigaldisega pistikühenduste kaudu, ei kuulu selle dokumendi käsitusallasse ega pruugi seetõttu tingimata osutada kaitstuks liigvoolu põhjustatud kahjulike toimete eest.

## 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).

### UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12390-19:2023	Testing of hardened concrete - Determination of electrical resistivity	Kivistunud betooni katsetamine. Osa 19: Elektrilise eritakistuse määramine
EVS-EN ISO 16032:2004	Acoustics - Measurement of sound pressure level from service equipment in buildings - Engineering method	Akustika. Hoonete tehnoseadmete helirõhutaseme mõõtmine. Inseneritehniline meetod

# UUED HARMONEERITUD STANDARDID

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

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

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

Lisainfo:

<https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards>

Eesti Standardimis- ja Akrediteerimiskeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate õigusaktide kaupa.

## Direktiiv 2019/2017

### Kodumajapidamises kasutatavate nõudepesumasinate energiamärgistus (Rakendusotsus (EL) 2023/1759, EL Teataja L 224/100, 12. september 2023)

Harmoniseeritud 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 vastavus-eeldus kaotab kehtivuse
EVS-EN 60436:2020/A12:2022 Kodumajapidamises kasutatavad elektrilised nõudepesumasinad. Toimivuse mõõtemetodid	12.09.2023		

## Direktiiv 2019/2022

### Kodumajapidamises kasutatavate nõudepesumasinate ökodisaini nõuded (Rakendusotsus (EL) 2023/1759, EL Teataja L 224/100, 12. september 2023)

Harmoniseeritud 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 vastavus-eeldus kaotab kehtivuse
EVS-EN 60436:2020/A12:2022 Kodumajapidamises kasutatavad elektrilised nõudepesumasinad. Toimivuse mõõtemetodid	12.09.2023		