



EVS Teataja

Avaldatud 15.06.2023

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

SISUKORD

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 12309-1:2023

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 1: Terms and definitions

1.1 Scope of EN 12309 Appliances covered by this document include one or a combination of the following: - gas-fired sorption chiller; - gas-fired sorption chiller/heater; - gas-fired sorption heat pump; - hybrids based on gas sorption appliances. This document applies to appliances designed to be used for space heating or cooling or refrigeration with or without heat recovery. This document applies to appliances having flue gas systems of type B and C (according to EN 1749) and to appliances designed for outdoor installations. EN 12309 does not apply to air conditioners, it only applies to appliances having: - integral burners under the control of fully automatic burner control systems, - closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated, - mechanical means to assist transportation of the combustion air and/or the flue gas. The above appliances can have one or more primary or secondary functions (i.e. heat recovery). In the case of packaged units (consisting of several parts), this standard applies only to those designed and supplied as a complete package. The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by EN 12309. Installations used for heating and/or cooling of industrial processes are not within the scope of EN 12309. All the symbols given in this text are used regardless of the language used. 1.2 Scope of this Part 1 of EN 12309 This part of this document specifies the terms and definitions for gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW.

Keel: en

Alusdokumendid: EN 12309-1:2023

Asendab dokumenti: EVS-EN 12309-1:2015

EVS-EN 15016-4:2023

Railway applications - Technical documents - Part 4: Data exchange

This document specifies the data exchange of technical documents such as bill of material, technical drawings and other related technical documents for rolling stock.

Keel: en

Alusdokumendid: EN 15016-4:2023

Asendab dokumenti: EVS-EN 15016-4:2006

EVS-EN IEC 62321-3-4:2023

Determination of certain substances in electrotechnical products - Part 3-4: Screening - Phthalates in polymers of electrotechnical products by high performance liquid chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and thermal desorption mass spectrometry (TD-MS)

IEC 62321-3-4:2023 specifies procedures for the screening of di-isobutyl phthalate (DIBP), di-n-butyl phthalate (DBP), benzyl butyl phthalate (BBP), di-(2-ethylhexyl) phthalate (DEHP) in polymers of electrotechnical products by using high performance liquid chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and thermal desorption mass spectrometry (TD-MS). High performance liquid chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and thermal desorption mass spectrometry (TD-MS) techniques are described in the normative part of this document. Fourier transform infrared spectroscopy (FT-IR) is described in the informative annexes of this document.

Keel: en

Alusdokumendid: IEC 62321-3-4:2023; EN IEC 62321-3-4:2023

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

EVS-EN ISO 14002-2:2023

Environmental management systems - Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area - Part 2: Water (ISO 14002-2:2023)

This document gives general guidelines for organizations seeking to address water-related environmental aspects, environmental impacts, environmental conditions, and the associated risks and opportunities within an environmental management system in accordance with ISO 14001. The document addresses issues for environmental management related to water quantity and quality, such as water withdrawal, efficient use of water, and water discharge, as well as approaches to cope with water-related events such as flooding and droughts. The document considers the interconnections of water with other environmental media and takes a holistic approach to the management of water due to its impacts on ecosystems, ecosystem services, related biodiversity, as well as human life and well-being. This document is applicable to organizations irrespective of their size, type, financial resources, location and sector. It is applicable to all types of water and considers a life cycle perspective.

Keel: en

Alusdokumendid: ISO 14002-2:2023; EN ISO 14002-2:2023

11 TERVISEHOOLDUS

EVS-EN ISO 19979:2023

Ophthalmic optics - Contact lenses - Hygienic management of multipatient use trial contact lenses (ISO 19979:2018)

ISO 19979:2018 provides guidance to manufacturers for the development of information to be provided to eye care practitioners for the hygienic management of trial hydrogel, composite and rigid gas-permeable (RGP) contact lenses intended for multipatient use. ISO 19979:2018 does not apply to: - labelling of contact lenses; - the inactivation of prions and viruses since there are no standardised methods available for contact lenses. ISO 19979:2018 can be used as guidance for the development of a hygienic management procedure for multipatient use. NOTE ISO 14729 does not cover multipatient use.

Keel: en

Alusdokumendid: ISO 19979:2018; EN ISO 19979:2023

EVS-EN ISO 23298:2023

Dentistry - Test methods for machining accuracy of computer-aided milling machines (ISO 23298:2023)

This document specifies the test methods to evaluate the machining accuracy of computer-aided milling machines as a part of dental CAD/CAM systems, which fabricate dental restorations, such as inlays, crowns and bridges.

Keel: en

Alusdokumendid: ISO 23298:2023; EN ISO 23298:2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 13501-2:2023

Ehitustoodete ja -elementide tuleohutusala klassifikatsioon. Osa 2: Klassifikatsioon tulepüsivus- ja/või suitsupidavuskatsete alusel, välja arvatud ventilatsioonisüsteemid Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance and/or smoke control tests, excluding ventilation services

See dokument määratleb protseduuri asjakohase katsemeetodi otsese kasutusulatusega hõlmatud ehitustoodete ja ehituselementide klassifitseerimiseks tulepüsivuskatsete ja/või suitsulekkekatsete/ suitsupidavuskatsete ja/või mehaaniliste katsete alusel. Selle dokumendi käsitlusalasse kuulub ka katsetulemuste laiendatud kasutusulatusel põhinev klassifikatsioon. Selle dokumendi käsitlusalasse kuuluvad a) tuletõkkefunktsioonita kandvad elemendid: — seinad; — põrandad; — katused; — talad; — postid; — röödud; — käiguteed; — trepid; b) tuletõkkefunktsiooniga kandvad elemendid, klaasinguga või klaasinguta, käitus- ja kinnitusvahendid: — seinad; — põrandad; — katused; — tõstetavad põrandad; c) ehitustoodete ja -elementide või nende osade kaitseks ette nähtud tooted ja süsteemid: — tulepüsivusfunktsioonita laed; — tulekaitsevärvid, välisvooderdus ja ekraanid; d) mittekanvad ehitustooted ja -elemendid, klaasinguga või klaasinguta, kasutus- ja kinnitusvahendid: — vaheseinad; — fassaadid (rippfassaadid) ja välisseinad; — tulepüsivusega laed; — tõstetavad põrandad; — tuletõkkeukse komplektid, luugikomplektid ja avatavad aknad ning nende sulgumisseadmed; — suitsutõkkeukse komplektid ja luugikomplektid ning nende sulgumisseadmed; — konveiersüsteemid ja nende sulgurosad; — läbiviigutihendid; — vuugitäited; — kombineeritud läbiviigutihendid; — tehnopüstikud ja -šahtid; — siirdeõhurestid; — korstnad; e) tuldtõkestavad seina- ja laekatted; f) sellest dokumendist on välja jäetud liftiüksed, mida on katsetatud standardi EN 81-58 järgi. Liftiüksi, mida on katsetatud vastavuses standardiga EN 1634-1, klassifitseeritakse vastavuses jaotisega 7.5.5. Asjakohased katsemeetodid nende ehitustoodete jaoks on loetletud peatükkides 2 ja 7.

Keel: en, et

Alusdokumendid: EN 13501-2:2023

Asendab dokumenti: EVS-EN 13501-2:2016

EVS-EN 60335-2-31:2014/A1:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded õhupuhastusseadmetele ja muudele toiduvalmistusaurude äratõmbevahenditele Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors

Amendment to EN 60335-2-31:2014

Keel: en

Alusdokumendid: EN 60335-2-31:2014/A1:2023; IEC 60335-2-31:2012/A1:2016

Muudab dokumenti: EVS-EN 60335-2-31:2014

EVS-EN 60335-2-31:2014/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded õhupuhastusseadmetele ja muudele toiduvalmistusaurude äratõmbevahenditele Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors

Amendment to EN 60335-2-31:2014

Keel: en

Alusdokumendid: EN 60335-2-31:2014/A11:2023
Muudab dokumenti: EVS-EN 60335-2-31:2014
Muudab dokumenti: EVS-EN 60335-2-31:2014/A1:2023

EVS-EN 60335-2-31:2014/A2:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded õhupuhastusseadmetele ja muudele toiduvalmistusaurude äratõmbevahenditele Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors

This European Standard deals with the safety of electric range hoods and other cooking fume extractors intended for installing above, beside, behind or under household cooking ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: IEC 60335-2-31:2012/A2:2018; EN 60335-2-31:2014/A2:2023
Muudab dokumenti: EVS-EN 60335-2-31:2014

EVS-EN 60335-2-52:2003/A13:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-52: Erinõuded suuhügieeniseadmetele Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for appliances for oral hygiene appliances

This European Standard deals with the safety of electrical appliances for oral hygiene appliances, their rated voltage being not more than 250 V for single-phase and 480 V for others.

Keel: en

Alusdokumendid: EN 60335-2-52:2003/A13:2023
Muudab dokumenti: EVS-EN 60335-2-52:2003
Muudab dokumenti: EVS-EN 60335-2-52:2003/A2:2023

EVS-EN 60335-2-52:2003/A2:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-52: Erinõuded suuhügieeniseadmetele Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for appliances for oral hygiene appliances

Amendment for EN 60335-2-52:2003

Keel: en

Alusdokumendid: EN 60335-2-52:2003/A2:2023; IEC 60335-2-52:2002/A2:2017
Muudab dokumenti: EVS-EN 60335-2-52:2003

EVS-EN IEC 62321-3-4:2023

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Keel: en

Alusdokumendid: IEC 62321-3-4:2023; EN IEC 62321-3-4:2023

EVS-EN ISO 14002-2:2023

Environmental management systems - Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area - Part 2: Water (ISO 14002-2:2023)

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Keel: en

Alusdokumendid: ISO 14002-2:2023; EN ISO 14002-2:2023

ISO/TS 11665-13:2017 et

Radioaktiivsuse mõõtmine keskkonnas. Õhk: radoon-222. Osa 13: Difusiooniteguri määramine veekindlates materjalides: kile kahepoolne aktiivsuskontsentratsiooni katsemeetod **Measurement of radioactivity in the environment -- Air: radon 222 -- Part 13: Determination of the diffusion coefficient in waterproof materials: membrane two-side activity concentration test method (ISO/TS 11665-13:2017)**

Selles dokumendis määratakse kindlaks eri meetodid radooni difusiooniteguri hindamiseks sellistes hüdroisolatsioonimaterjalides nagu bituumen või polümeersed kiled, pinnakatted või värvid, samuti eeldused ja piirtingimused, mida tuleb katse käigus järgida. See dokument pole kohaldatav poorsetele materjalidele, mille puhul sõltub radooni difusioon poorsusest ja niiskusesisaldusest.

Keel: et

Alusdokumendid: ISO/TS 11665-13:2017

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO 3611:2023

Geometrical product specifications (GPS) - Dimensional measuring equipment - Design and metrological characteristics of micrometers for external measurements (ISO 3611:2023)

This document provides the most important design and metrological characteristics of micrometers for external measurements: — with analogue indication; — with digital indication: mechanical or electronic digital display.

Keel: en

Alusdokumendid: ISO 3611:2023; EN ISO 3611:2023

Asendab dokumenti: EVS-EN ISO 3611:2010

ISO/TS 11665-13:2017 et

Radioaktiivsuse mõõtmine keskkonnas. Õhk: radoon-222. Osa 13: Difusiooniteguri määramine veekindlates materjalides: kile kahepoolne aktiivsuskontsentratsiooni katsemeetod **Measurement of radioactivity in the environment -- Air: radon 222 -- Part 13: Determination of the diffusion coefficient in waterproof materials: membrane two-side activity concentration test method (ISO/TS 11665-13:2017)**

Selles dokumendis määratakse kindlaks eri meetodid radooni difusiooniteguri hindamiseks sellistes hüdroisolatsioonimaterjalides nagu bituumen või polümeersed kiled, pinnakatted või värvid, samuti eeldused ja piirtingimused, mida tuleb katse käigus järgida. See dokument pole kohaldatav poorsetele materjalidele, mille puhul sõltub radooni difusioon poorsusest ja niiskusesisaldusest.

Keel: et

Alusdokumendid: ISO/TS 11665-13:2017

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14841:2023

LPG equipment and accessories - Filling and discharge procedures for LPG rail tankers

This document specifies procedures for filling, discharge and handling operations as well as emergency procedures for rail tankers used for the transport of liquefied petroleum gas (LPG). This document does not apply to "tank containers" and "batteries of receptacles".

Keel: en

Alusdokumendid: EN 14841:2023

Asendab dokumenti: EVS-EN 14841:2013

25 TOOTMISTEHNOLOGIA

EVS-EN 17832:2023

Thermal spraying - Determination of the feed rate with spray material in powder form in a production environment

This document describes the procedure for the measurement of the feed rate for thermal spraying with spray materials in powder form in a production environment. The application of this document is essential if information on the feed rate of a spray material in powder form is required when using a thermal spraying method. It is applicable to any thermal spraying method using spray materials in powder form (see EN ISO 14917) where the technical installation used allows the spray powder to be fed through without an activated spray gun. The determination of the feed rate is mandatory for the preparation of thermal spray procedure specifications in accordance with EN 17002 and the determination of the deposition efficiency in accordance with EN ISO 17836.

Keel: en

Alusdokumendid: EN 17832:2023

EVS-EN IEC 62769-6-100:2023

Field Device Integration (FDI®) - Part 6-100: Technology Mapping - .Net

IEC 62769-6-100:2023 specifies the technology mapping for the concepts described in the Field Device Integration (FDI®) standard. The technology mapping focuses on implementation regarding the components FDI® Client and User Interface Plug-in (UIP) using the Runtime .NET. This runtime is specific only to the WORKSTATION platform as defined in IEC 62769-4. FDI is a registered trademark of the non-profit organization Fieldbus Foundation, Inc. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 62769-6-100:2023; EN IEC 62769-6-100:2023

EVS-EN IEC 62769-6-200:2023

Field Device Integration (FDI®) - Part 6-200: Technology Mapping - HTML5

IEC 62769-6-200:2023 specifies the technology mapping for the concepts described in the Field Device Integration (FDI®) standard. The technology mapping focuses on implementation regarding the components FDI® Client and User Interface Plug-in (UIP) for the Runtime HTML5. FDI is a registered trademark of the non-profit organization Fieldbus Foundation, Inc. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 62769-6-200:2023; EN IEC 62769-6-200:2023

EVS-EN ISO 15730:2023

Metallic and other inorganic coatings - Electropolishing as a means of smoothing and passivating stainless steel (ISO 15730:2023)

This document specifies the information to be supplied by the purchaser to the finisher, requirements and test methods for electropolishing as a means of smoothing and passivating stainless steel alloys in the S2XXXX, S3XXXX and S4XXXX series, and the precipitation hardened alloys (see ISO 15510 for information on composition).

Keel: en

Alusdokumendid: ISO 15730:2023; EN ISO 15730:2023

Asendab dokumenti: EVS-EN ISO 15730:2016

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12309-1:2023

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 1: Terms and definitions

1.1 Scope of EN 12309 Appliances covered by this document include one or a combination of the following: - gas-fired sorption chiller; - gas-fired sorption chiller/heater; - gas-fired sorption heat pump; - hybrids based on gas sorption appliances. This document applies to appliances designed to be used for space heating or cooling or refrigeration with or without heat recovery. This document applies to appliances having flue gas systems of type B and C (according to EN 1749) and to appliances designed for outdoor installations. EN 12309 does not apply to air conditioners, it only applies to appliances having: - integral burners under the control of fully automatic burner control systems, - closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated, - mechanical means to assist transportation of the combustion air and/or the flue gas. The above appliances can have one or more primary or secondary functions (i.e. heat recovery). In the case of packaged units (consisting of several parts), this standard applies only to those designed and supplied as a complete package. The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by EN 12309. Installations used for heating and/or cooling of industrial processes are not within the scope of EN 12309. All the symbols given in this text are used regardless of the language used. 1.2 Scope of this Part 1 of EN 12309 This part of this document specifies the terms and definitions for gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW.

Keel: en

Alusdokumendid: EN 12309-1:2023

Asendab dokumenti: EVS-EN 12309-1:2015

EVS-EN IEC 63027:2023

Photovoltaic power systems - DC arc detection and interruption

IEC 63027:2023 applies to equipment used for the detection and optionally the interruption of electric DC arcs in photovoltaic (PV) system circuits. The document covers test procedures for the detection of series arcs within PV circuits, and the response times of equipment employed to interrupt the arcs. The document defines reference scenarios according to which the testing is conducted. This document covers equipment connected to systems not exceeding a maximum PV source circuit voltage of 1 500 V DC. This document provides requirements and testing procedures for arc-fault protection devices used in PV systems to reduce the risk of igniting an electrical fire.

Keel: en

Alusdokumendid: IEC 63027:2023; EN IEC 63027:2023

EVS-EN 50367:2020+A1:2022**Raudteealased rakendused. Püsipaigaldised ja veerem. Kriteeriumid pantograafide ja kontaktõhuliini vahelise tehnilise ühilduvuse saavutamiseks
Railway applications - Fixed installations and rolling stock - Criteria to achieve technical compatibility between pantographs and overhead contact line**

This document specifies requirements for the technical compatibility between pantographs and overhead contact lines, to achieve free access to the lines of the European railway network. NOTE These requirements are defined for a limited number of pantograph types conforming to the requirements in 5.3, together with the geometry and characteristics of compatible overhead contact lines.

Keel: en

Alusdokumendid: EN 50367:2020; EN 50367:2020/A1:2022

Konsolideerib dokumenti: EVS-EN 50367:2020

Konsolideerib dokumenti: EVS-EN 50367:2020/A1:2022

EVS-EN 60838-2-3:2017/A1:2023**Mitmesugused lambipesad. Osa 2-3: Erinõuded. Lambipesad kahesokilistele sirg-
leedlampidele
Miscellaneous lampholders - Part 2-3: Particular requirements - Lampholders for double-
capped linear LED lamps**

Amendment to EN 60838-2-3:2017

Keel: en

Alusdokumendid: IEC 60838-2-3:2016/AMD1:2023; EN 60838-2-3:2017/A1:2023

Muudab dokumenti: EVS-EN 60838-2-3:2017

EVS-EN IEC 62321-3-4:2023**Determination of certain substances in electrotechnical products - Part 3-4: Screening -
Phthalates in polymers of electrotechnical products by high performance liquid
chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and
thermal desorption mass spectrometry (TD-MS)**

IEC 62321-3-4:2023 specifies procedures for the screening of di-isobutyl phthalate (DIBP), di-n-butyl phthalate (DBP), benzyl butyl phthalate (BBP), di-(2-ethylhexyl) phthalate (DEHP) in polymers of electrotechnical products by using high performance liquid chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and thermal desorption mass spectrometry (TD-MS). High performance liquid chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and thermal desorption mass spectrometry (TD-MS) techniques are described in the normative part of this document. Fourier transform infrared spectroscopy (FT-IR) is described in the informative annexes of this document.

Keel: en

Alusdokumendid: IEC 62321-3-4:2023; EN IEC 62321-3-4:2023

EVS-EN IEC 62990-1:2022+A11:2022**Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for
toxic gases (IEC 62990-1:2019 + COR1:2019)**

This part of IEC 62990 specifies general requirements for design, function and performance, and describes the test methods that apply to portable, transportable, and fixed equipment for the detection and concentration measurement of toxic gases and vapours in workplace atmospheres and other industrial and commercial applications. This document is applicable to continuously sensing equipment whose primary purpose is to provide an indication, alarm and/or other output function the purpose of which is to indicate the presence of a toxic gas or vapour in the atmosphere and in some cases to initiate automatic or manual protective action(s). It is applicable to equipment in which the sensor generates an electrical signal when gas is present. This document applies to two types of equipment: • Type HM (Health Monitoring) 'occupational exposure' equipment: For occupational exposure measurement, the performance requirements are focused on uncertainty of measurement of gas concentrations in the region of Occupational Exposure Limit Values (OELV). The upper limit of measurement will be defined by the manufacturer in accordance with 4.2.1. • Type SM (Safety Monitoring) 'general gas detection' equipment: For general gas detection applications (e.g. safety warning, leak detection), the performance requirements are focused on alarm signalling. The upper limit of measurement will be defined by the manufacturer according to the intended use of the equipment. In general, the requirements for accuracy will be higher for Type HM equipment than for Type SM equipment. The same equipment may meet the requirements of both Type HM and Type SM. For equipment used for sensing the presence of multiple gases this document applies only to the detection of toxic gas or vapour. This document is not applicable to equipment: – with samplers and concentrators such as sorbents or paper tape having an irreversible indication; – used for the measurement of gases and vapours related to the risk of explosion; – used for the measurement of oxygen; – used only in laboratories for analysis or measurement; – used only for process measurement purposes; – used in the domestic environment; – used in environmental air pollution monitoring; – used for open-path (line of sight) area gas measurement; – used for ventilation control in car parks or tunnels.

Keel: en

Alusdokumendid: IEC 62990-1:2019; IEC 62990-1:2019/COR1:2019; EN IEC 62990-1:2022; EN IEC 62990-1:2022/A11:2022

Konsolideerib dokumenti: EVS-EN IEC 62990-1:2022

Konsolideerib dokumenti: EVS-EN IEC 62990-1:2022/A11:2022

[EVS-EN IEC 63044-4:2021/AC:2023](#)

Home and building electronic systems (HBES) and building automation and control systems (BACS) - Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS

Corrigendum to EN IEC 63044-4:2021

Keel: en

Alusdokumendid: EN IEC 63044-4:2021/AC:2023-06

Parandab dokumenti: EVS-EN IEC 63044-4:2021

31 ELEKTROONIKA

[EVS-EN IEC 61967-8:2023](#)

Integrated circuits - Measurement of electromagnetic emissions - Part 8: Measurement of radiated emissions - IC stripline method

IEC 61967-8:2023 defines a method for measuring the electromagnetic radiated emission from an integrated circuit (IC) using an IC stripline. The IC being evaluated is mounted on an EMC test board (PCB) between the active conductor and the ground plane of the IC stripline arrangement. This edition includes the following significant technical changes with respect to the previous edition: a) frequency range of 150 kHz to 3 GHz was deleted from the scope; b) extension of upper usable frequency to 6 GHz or higher as long as the defined requirements are fulfilled.

Keel: en

Alusdokumendid: IEC 61967-8:2023; EN IEC 61967-8:2023

Asendab dokumenti: EVS-EN 61967-8:2011

33 SIDETEHNIKA

[EVS-EN 319 421 V1.2.1:2023](#)

Electronic Signatures and Infrastructures (ESI); Policy and Security Requirements for Trust Service Providers issuing Time-Stamps

The present document specifies policy and security requirements relating to the operation and management practices of TSPs issuing time-stamps. These policy requirements are applicable to TSPs issuing time-stamps. Such time-stamps can be used in support of digital signatures or for any application requiring to prove that a datum existed before a particular time. The present document can be used by independent bodies as the basis for confirming that a TSP can be trusted for issuing time-stamps. The present document does not specify protocols used to access the TSUs. NOTE 1: A time-stamping protocol is defined in IETF RFC 3161 including optional update in IETF RFC 5816 and profiled in ETSI EN 319 422. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE 2: See ETSI EN 319 403-1 for guidance on assessment of TSP's processes and services. NOTE 3: The present document references ETSI EN 319 401 for general policy requirements common to all classes of TSP's services.

Keel: en

Alusdokumendid: ETSI EN 319 421 V1.2.1

[EVS-EN IEC 62769-102-2:2023](#)

Field device integration (FDI®) - Part 102-2: Profiles - EtherNet/IP

IEC 62769-102-2:2023 defines the protocol-specific definitions (PSDs) as defined in IEC 62769-100 (annex on generic protocol extensions) for the Ethernet/IP protocol.

Keel: en

Alusdokumendid: IEC 62769-102-2:2023; EN IEC 62769-102-2:2023

35 INFOTEHNOLOOGIA

[EVS-EN 15016-4:2023](#)

Railway applications - Technical documents - Part 4: Data exchange

This document specifies the data exchange of technical documents such as bill of material, technical drawings and other related technical documents for rolling stock.

Keel: en

Alusdokumendid: EN 15016-4:2023

Asendab dokumenti: EVS-EN 15016-4:2006

[EVS-EN IEC 62769-6-100:2023](#)

Field Device Integration (FDI®) - Part 6-100: Technology Mapping - .Net

IEC 62769-6-100:2023 specifies the technology mapping for the concepts described in the Field Device Integration (FDI®) standard. The technology mapping focuses on implementation regarding the components FDI® Client and User Interface Plug-in (UIP) using the Runtime .NET. This runtime is specific only to the WORKSTATION platform as defined in IEC 62769-4. FDI is a registered trademark of the non-profit organization Fieldbus Foundation, Inc. This information is given for the convenience of

users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 62769-6-100:2023; EN IEC 62769-6-100:2023

EVS-EN IEC 62769-6-200:2023

Field Device Integration (FDI®) - Part 6-200: Technology Mapping - HTML5

IEC 62769-6-200:2023 specifies the technology mapping for the concepts described in the Field Device Integration (FDI®) standard. The technology mapping focuses on implementation regarding the components FDI® Client and User Interface Plug-in (UIP) for the Runtime HTML5. FDI is a registered trademark of the non-profit organization Fieldbus Foundation, Inc. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 62769-6-200:2023; EN IEC 62769-6-200:2023

43 MAANTEESÕIDUKITE EHITUS

EVS-EN IEC 61980-2:2023

Electric vehicle wireless power transfer (WPT) systems - Part 2: Specific requirements for MF-WPT system communication and activities

This Part of IEC 61980 addresses communication and activities of magnetic field wireless power transfer (MF-WPT) systems. The requirements in this document are intended to be applied for MF-WPT systems according to IEC 61980-3 and ISO 19363. The aspects covered in this document include: - operational and functional characteristics of the MF-WPT communication system and related activities - operational and functional characteristics of the positioning system. The following aspects are under consideration for future documents: - requirements for two- and three-wheel vehicles, - requirements for MF-WPT systems supplying power to EVs in motion, and - requirements for bidirectional power transfer. Note: Any internal communication at Supply device or EV device is not in the scope of this document.

Keel: en

Alusdokumendid: EN IEC 61980-2:2023; IEC 61980-2:2023

45 RAUDTEETEHNIKA

EVS-EN 14841:2023

LPG equipment and accessories - Filling and discharge procedures for LPG rail tankers

This document specifies procedures for filling, discharge and handling operations as well as emergency procedures for rail tankers used for the transport of liquefied petroleum gas (LPG). This document does not apply to "tank containers" and "batteries of receptacles".

Keel: en

Alusdokumendid: EN 14841:2023

Asendab dokumenti: EVS-EN 14841:2013

EVS-EN 15016-4:2023

Railway applications - Technical documents - Part 4: Data exchange

This document specifies the data exchange of technical documents such as bill of material, technical drawings and other related technical documents for rolling stock.

Keel: en

Alusdokumendid: EN 15016-4:2023

Asendab dokumenti: EVS-EN 15016-4:2006

59 TEKSTIILI- JA NAHATEHNOLOOGIA

CEN/TR 17945:2023

Textiles and textile products - Textiles with integrated electronics and ICT - Definitions, categorisation, applications and standardisation needs

This document provides definitions in the field of electronic textiles (e-textiles) and electronic textile systems, as well as the categorization of different types of electronic textiles and electronic textile systems. It briefly describes the current stage of development of these products and their application potential and gives indications on preferential standardization needs. This document will also provide guidelines to determine general verification of claimed performance, innocuousness, durability of properties, product information and environmental aspects of textile electronics. This document is not intended for products which are placed inside or are (permanently) attached to the human body. It also does not specifically address the electronics information communication link between the textile with integrated electronics and external data processing. This document therefore also does not focus on the design of software to be implemented in electronic textiles of textile systems.

Keel: en

Alusdokumendid: CEN/TR 17945:2023

65 PÖLLUMAJANDUS

CEN/TS 17697:2023

Animal feeding stuffs - Methods of sampling and analysis - PFGE typing of Lactobacilli, Pediococci, Enterococci and Bacilli in animal feeds

This document specifies a Pulsed Field Gel Electrophoresis (PFGE) methodology for the identification of authorized probiotic strains of Lactobacillus, Pediococcus, Enterococcus and Bacillus strains. The method can be applied to purified colonies obtained from cultured premixtures and feeds. The method can be used, even in the presence of a significant microbiological background, to verify the presence of microorganisms (strains and declared concentrations) used as feed additives in animal feeding stuffs.

Keel: en

Alusdokumendid: CEN/TS 17697:2023

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 16056:2023

Influence of metallic materials on water intended for human consumption - Method to evaluate the passive behaviour of stainless steels and other passive alloys

This document specifies a procedure to evaluate the passive behaviour of stainless steels and other passive alloys used in products intended to come into contact with drinking water. The passive state is the reason why no relevant amounts of metals are released from such materials into the drinking water. This test is used to verify whether the alloy under consideration is passive under conditions which can occur in drinking waters. This document is not applicable for product testing. It is only applicable for the assessment of passive behaviour of materials.

Keel: en

Alusdokumendid: EN 16056:2023

Asendab dokumenti: EVS-EN 16056:2012

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 14870-1:2023

Petroleum and natural gas industries - Induction bends, fittings and flanges for pipeline transportation systems - Part 1: Induction bends (ISO 15590-1:2018, modified)

This document specifies the technical delivery conditions for bends made by the induction bending process for use in pipeline transportation systems for the petroleum and natural gas industries as defined in ISO 13623. NOTE 1 ISO 13623 is modified adopted as EN 14161 to exclude on-land supply systems used by the European gas supply industry from the input of gas into the on-land transmission network up to the inlet connection of gas appliances. This document is applicable to induction bends made from seamless and welded pipe of unalloyed or low-alloy steels. NOTE 2 These are typically C-Mn steels or low-alloy steels that are appropriate for the corresponding level and grade of line pipe in accordance with ISO 3183. This document specifies the requirements for the manufacture of two product specification levels (PSLs) of induction bends corresponding to product specification levels given for pipe in ISO 3183:2012. This document is not applicable to the selection of the induction bend PSL. It is the responsibility of the purchaser to specify the PSL, based upon the intended use and design requirements; see also ISO 3183, Introduction. This document is not applicable to pipeline bends made by other manufacturing processes. On-land supply systems used by the European gas supply industry from the input of gas into the on-land transmission network up to the inlet connection of gas appliances are excluded from the scope of this document.

Keel: en

Alusdokumendid: EN 14870-1:2023; ISO 15590-1:2018

Asendab dokumenti: EVS-EN 14870-1:2011

EVS-EN 14870-4:2023

Petroleum and natural gas industries - Induction bends, fittings and flanges for pipeline transportation systems - Part 4: Factory cold bends (ISO 15590-4:2019, modified)

This document specifies the technical delivery conditions for bends made by the cold bending process for bend with radii 5xOD or higher for use in pipeline transportation systems for the petroleum and natural gas industries as defined in ISO 13623. Short radius factory cold bends should not be used for pipeline. NOTE 1 ISO 13623 is modified adopted as EN 14161 to exclude on-land supply systems used by the European gas supply industry from the input of gas into the on-land transmission network up to the inlet connection of gas appliances. This document also specifies the requirements for the manufacture of two product specification levels (PSLs) of cold bends corresponding to product specification levels given for pipe in ISO 3183. This document is applicable to cold bends made from seamless and welded pipe of unalloyed or low-alloy steels. NOTE 2 These are typically C-Mn steels or low-alloy steels that are appropriate for the corresponding level and grade of line pipe in accordance with ISO 3183. This document is not applicable to the selection of the cold bend product specification level. It is the responsibility of the purchaser to specify the PSL, based upon the intended use and design requirements. NOTE 3 See also ISO 3183:2012, Introduction. This document is not applicable to field cold bends and pipeline bends made by other manufacturing processes. On-land supply systems used by the European gas supply industry from the input of gas into the on-land transmission network up to the inlet connection of gas appliances are excluded from the scope of this document.

Keel: en

Alusdokumendid: EN 14870-4:2023; ISO 15590-4:2019

EVS-EN 15691:2023

Ethanol as a blending component for petrol - Determination of dry residue (involatile material) - Gravimetric method

This document specifies a procedure for the determination of dry residue in ethanol by gravimetric (desiccation) method in the range (10 to 25) mg/100 ml. NOTE In an interlaboratory study [2] the method described has been tested at levels down to 3,5 mg/100 ml, but the precision appeared to be insufficient at such low levels. WARNING - Use of this document can involve hazardous equipment, materials and operations. This method does not purport to address to all of the safety problems associated with its use. It is the responsibility of the user of this document to take appropriate measures to ensure the safety and health of personnel prior to the application of the document, and to fulfil statutory and regulatory restrictions for this purpose.

Keel: en

Alusdokumendid: EN 15691:2023

Asendab dokumenti: EVS-EN 15691:2009

77 METALLURGIA

EVS-EN 1396:2023

Aluminium and aluminium alloys - Coil coated sheet and strip for general applications - Specifications

This document specifies the particular requirements for wrought aluminium and wrought aluminium alloys in the form of coil coated sheet and strip for general applications. This product is generally supplied in thicknesses up to 3,0 mm. It is applicable to cold-rolled aluminium and aluminium alloy strip coated by the coil coating process both with liquid as well as with powder paints, either in the final width or slit afterwards, and to sheet obtained from such strip. It does not apply to coil coated sheet and strip used for special applications such as cans, closures and lids which are dealt with in separate EN 541.

Keel: en

Alusdokumendid: EN 1396:2023

Asendab dokumenti: EVS-EN 1396:2015

EVS-EN ISO 14556:2023

Metallic materials - Charpy V-notch pendulum impact test - Instrumented test method (ISO 14556:2023)

This document specifies a method of instrumented Charpy V-notch pendulum impact testing on metallic materials and the requirements concerning the measurement and recording equipment. With respect to the Charpy pendulum impact test described in ISO 148-1, this test provides further information on the fracture behaviour of the product under impact testing conditions. The results of instrumented Charpy test analyses are not directly transferable to structures or components and shall not be directly used in design calculations or safety assessments. NOTE General information about instrumented impact testing can be found in References [1] to [5].

Keel: en

Alusdokumendid: ISO 14556:2023; EN ISO 14556:2023

Asendab dokumenti: EVS-EN ISO 14556:2015

EVS-EN ISO 3785:2023

Metallic materials - Designation of test specimen axes in relation to product texture (ISO 3785:2023)

This document specifies a method for designating test specimen axes in relation to product texture by means of an X-Y-Z orthogonal coordinate system. This document applies equally to unnotched and notched (or precracked) test specimens. This document is intended only for metallic materials with uniform texture that can be unambiguously determined. Test specimen orientation is decided before specimen machining, identified in accordance with the designation system specified in this document, and recorded.

Keel: en

Alusdokumendid: ISO 3785:2023; EN ISO 3785:2023

Asendab dokumenti: EVS-EN ISO 3785:2006

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 6076:2023

Adhesives - Installation of floor coverings, wood flooring, levelling compounds and tiles - Specification of trowel notch sizes (ISO 6076:2023)

This document specifies the individual measurements of notches. It assigns specific codes used to label notched tools according to the measurements and tolerances specified in this document.

Keel: en

Alusdokumendid: ISO 6076:2023; EN ISO 6076:2023

EVS-EN 927-5:2023

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 5: Assessment of the liquid water permeability

This document specifies a test method for assessing the liquid water permeability of coating systems for exterior wood.

Keel: en

Alusdokumendid: EN 927-5:2023

Asendab dokumenti: EVS-EN 927-5:2007

EVS-EN ISO 3262-13:2023

Extenders - Specifications and methods of test - Part 13: Natural quartz (ground) (ISO 3262-13:2023)

This document specifies requirements and corresponding methods of test for natural quartz (ground).

Keel: en

Alusdokumendid: ISO 3262-13:2023; EN ISO 3262-13:2023

Asendab dokumenti: EVS-EN ISO 3262-13:2000

EVS-EN ISO 3262-15:2023

Extenders - Specifications and methods of test - Part 15: Vitreous silica (ISO 3262-15:2023)

This document specifies requirements and corresponding methods of test for vitreous silica.

Keel: en

Alusdokumendid: ISO 3262-15:2023; EN ISO 3262-15:2023

Asendab dokumenti: EVS-EN ISO 3262-15:2000

EVS-EN ISO 3262-16:2023

Extenders - Specifications and methods of test - Part 16: Aluminium hydroxides (ISO 3262-16:2023)

This document specifies requirements and corresponding methods of test for aluminium hydroxides.

Keel: en

Alusdokumendid: ISO 3262-16:2023; EN ISO 3262-16:2023

Asendab dokumenti: EVS-EN ISO 3262-16:2000

EVS-EN ISO 3262-21:2023

Extenders - Specifications and methods of test - Part 21: Silica sand (unground natural quartz) (ISO 3262-21:2023)

This document specifies requirements and corresponding methods of test for silica sand (unground natural quartz).

Keel: en

Alusdokumendid: ISO 3262-21:2023; EN ISO 3262-21:2023

Asendab dokumenti: EVS-EN ISO 3262-21:2000

EVS-EN ISO 3262-8:2023

Extenders - Specifications and methods of test - Part 8: Natural clay (ISO 3262-8:2023)

This document specifies requirements and corresponding methods of test for natural clay.

Keel: en

Alusdokumendid: ISO 3262-8:2023; EN ISO 3262-8:2023

Asendab dokumenti: EVS-EN ISO 3262-8:2000

EVS-EN 12309-1:2023

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 1: Terms and definitions

1.1 Scope of EN 12309 Appliances covered by this document include one or a combination of the following: - gas-fired sorption chiller; - gas-fired sorption chiller/heater; - gas-fired sorption heat pump; - hybrids based on gas sorption appliances. This document applies to appliances designed to be used for space heating or cooling or refrigeration with or without heat recovery. This document applies to appliances having flue gas systems of type B and C (according to EN 1749) and to appliances designed for outdoor installations. EN 12309 does not apply to air conditioners, it only applies to appliances having: - integral burners under the control of fully automatic burner control systems, - closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated, - mechanical means to assist transportation of the combustion air and/or the flue gas. The above appliances can have one or more primary or secondary functions (i.e. heat recovery). In the case of packaged units (consisting of several parts), this standard applies only to those designed and supplied as a complete package.

The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by EN 12309. Installations used for heating and/or cooling of industrial processes are not within the scope of EN 12309. All the symbols given in this text are used regardless of the language used. 1.2 Scope of this Part 1 of EN 12309 This part of this document specifies the terms and definitions for gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW.

Keel: en

Alusdokumendid: EN 12309-1:2023

Asendab dokumenti: EVS-EN 12309-1:2015

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1729-2:2023

Mööbel. Haridusasutuste toolid ja laud. Osa 2: Ohutusnõuded ja katsemeetodid Furniture - Chairs and tables for educational institutions - Part 2: Safety requirements and test methods

See dokument määrab kindlaks haridusasutustes, sealhulgas lasteaedades, lastehoiuasutustes ja alusharidusasutustes üldhariduslikel eesmärkidel kasutatavate toolide ja laudade ohutusnõuded ja katsemeetodid. Standard rakendub mööblile, mis on mõeldud kasutamiseks sülearvutitega või portatiivsete seadmetega, kuid mitte spetsiaalsuunitlusega töökohtadele, nagu näiteks laborid, ridaistmed ja töökojad. Selle dokumendi rakendatavatele nõuetele vastavad toolid sobivad kuni 110 kg kaaluvatele kasutajatele. Joonised illustreerivad ainult katsete põhimõtet ja neid ei saa kasutada katsete sooritamiseks. MÄRKUS EN 1729-1 määrab kindlaks üldhariduslikel eesmärkidel kasutatavate toolide ja laudade funktsionaalmõõtmed ja märgistuse. Lisa A (teatmelisa) annab katsemeetodi lauaplaadile paigaldatud toolide paigalt nihkumise määramiseks.

Keel: en, et

Alusdokumendid: EN 1729-2:2023

Asendab dokumenti: EVS-EN 1729-2:2012+A1:2015

EVS-EN 17820:2023

Conservation of Cultural Heritage - Specifications for the management of moveable cultural heritage collections

This document specifies a framework and standards for managing cultural heritage collections. It is intended for use by collecting organisations such as archives, libraries, museums and galleries. It is applicable to all types of moveable cultural heritage, whether in physical or digital formats. It promotes core essential policies and procedures that all such organisations seek to apply as a minimum and encourages a cycle of continuous review and improvement.

Keel: en

Alusdokumendid: EN 17820:2023

EVS-EN 60335-2-31:2014/A1:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded õhupuhastusseadmetele ja muudele toiduvalmistusaurude äratõmbevahenditele Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors

Amendment to EN 60335-2-31:2014

Keel: en

Alusdokumendid: EN 60335-2-31:2014/A1:2023; IEC 60335-2-31:2012/A1:2016

Muudab dokumenti: EVS-EN 60335-2-31:2014

EVS-EN 60335-2-31:2014/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded õhupuhastusseadmetele ja muudele toiduvalmistusaurude äratõmbevahenditele Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors

Amendment to EN 60335-2-31:2014

Keel: en

Alusdokumendid: EN 60335-2-31:2014/A11:2023

Muudab dokumenti: EVS-EN 60335-2-31:2014

Muudab dokumenti: EVS-EN 60335-2-31:2014/A1:2023

EVS-EN 60335-2-31:2014/A2:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded õhupuhasseadmetele ja muudele toiduvalmistusaurude äratõmbevahenditele Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors

This European Standard deals with the safety of electric range hoods and other cooking fume extractors intended for installing above, beside, behind or under household cooking ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: IEC 60335-2-31:2012/A2:2018; EN 60335-2-31:2014/A2:2023

Muudab dokumenti: EVS-EN 60335-2-31:2014

EVS-EN 60335-2-52:2003/A13:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-52: Erinõuded suuhügieeniseadmetele Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for appliances for oral hygiene appliances

This European Standard deals with the safety of electrical appliances for oral hygiene appliances, their rated voltage being not more than 250 V for single-phase and 480 V for others.

Keel: en

Alusdokumendid: EN 60335-2-52:2003/A13:2023

Muudab dokumenti: EVS-EN 60335-2-52:2003

Muudab dokumenti: EVS-EN 60335-2-52:2003/A2:2023

EVS-EN 60335-2-52:2003/A2:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-52: Erinõuded suuhügieeniseadmetele Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for appliances for oral hygiene appliances

Amendment for EN 60335-2-52:2003

Keel: en

Alusdokumendid: EN 60335-2-52:2003/A2:2023; IEC 60335-2-52:2002/A2:2017

Muudab dokumenti: EVS-EN 60335-2-52:2003

EVS-EN 60335-2-53:2011/A1:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-53: Erinõuded elektrilistele saunakütteseadmetele ja infrapunakabiinidele Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins

Amendment for EN 60335-2-53:2011

Keel: en

Alusdokumendid: EN 60335-2-53:2011/A1:2023; IEC 60335-2-53:2011/A1:2017; IEC 60335-2-53:2011/A1:2017/Cor1:2017

Muudab dokumenti: EVS-EN 60335-2-53:2011

EVS-EN 60335-2-53:2011/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-53: Erinõuded elektrilistele saunakütteseadmetele ja infrapunakabiinidele Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins

IEC 60335-2-53:2011 deals with the safety of electric sauna heating appliances and infrared emitting units having a rated power input not exceeding 20 kW, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. The appliances covered by this standard are intended for use in the home and in public saunas located in blocks of flats, hotels and similar locations. This standard also deals with the safety of electric sauna heating appliances provided with a humidifier unit, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. The room air is humidified by evaporating or atomising water. This fourth edition cancels and replaces the third edition published in 2002 and its Amendment 1 (2007). It constitutes a technical revision. The principal changes in this edition as compared with the third edition of IEC 60335-2-53 are as follows: - the scope is changed to cover infrared cabins; - additional requirements for recessed sauna heaters are added; - requirements of electronic interlocks are added (22.108). The attention of National Committees is drawn to the fact that equipment organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests. It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of publication. This publication is to be read in conjunction with http://webstore.iec.ch/webstore/webstore.nsf/ArtNum_PK/44013 IEC 60335-1:2010.

Keel: en

Alusdokumendid: EN 60335-2-53:2011/A11:2023
Muudab dokumenti: EVS-EN 60335-2-53:2011

EVS-EN 60335-2-53:2011/A2:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-53: Erinõuded elektrilistele saunakütteseadmetele ja infrapunakabiinidele **Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins**

This standard deals with the safety of electric sauna heating appliances and infrared emitting units having a rated power input not exceeding 20 kW, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: EN 60335-2-53:2011/A2:2023; IEC 60335-2-53:2011/AMD2:2021
Muudab dokumenti: EVS-EN 60335-2-53:2011

EVS-EN 60335-2-53:2011+A1+A2+A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-53: Erinõuded elektrilistele saunakütteseadmetele ja infrapunakabiinidele **Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins (IEC 60335-2-53:2011 + IEC 60335-2-53:2011/A1:2017 + COR1:2017 + IEC 60335-2-53:2011/A2:2021)**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric sauna heating appliances and infrared emitting units having a rated power input not exceeding 20 kW, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. The appliances covered by this standard are intended for use in the home and in public saunas located in blocks of flats, hotels and similar locations. NOTE 101 Sauna heating appliances may be of the thermal storage type. This standard also deals with the safety of electric sauna heating appliances provided with a humidifier unit, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. The room air is humidified by evaporating or atomising water. NOTE 102 A humidifier may be part of a sauna heating appliance or may be incorporated in the sauna heater. The sauna heating appliance or sauna heater may be operated with or without the humidifier. This document deals with the reasonably foreseeable hazards presented by appliances and machines that are encountered by all persons. However, in general, it does not take into account: — children playing with the appliance; — the use of the appliance by young children and very young children; — the use of the appliance by older children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this document. NOTE 103 Attention is drawn to the fact that — for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; — in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities. NOTE 104 This standard does not apply to — appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); — appliances intended to cause perspiration to only a part of the human body; — sweating baths where the head of the user remains outside the heated space; — tents and other collapsible sauna baths; — room heaters (IEC 60335-2-30); — humidifiers intended for use with heating, ventilation, or air-conditioning systems (IEC 60335-2-88); — humidifiers (IEC 60335-2-98); — appliances intended for medical purposes (IEC 60601).

Keel: en

Alusdokumendid: IEC 60335-2-53:2011; EN 60335-2-53:2011; EN 60335-2-53:2011/A1:2023; IEC 60335-2-53:2011/A1:2017; IEC 60335-2-53:2011/A1:2017/COR1:2017; EN 60335-2-53:2011/A2:2023; IEC 60335-2-53:2011/AMD2:2021; EN 60335-2-53:2011/A11:2023
Konsolideerib dokumenti: EVS-EN 60335-2-53:2011
Konsolideerib dokumenti: EVS-EN 60335-2-53:2011/A1:2023
Konsolideerib dokumenti: EVS-EN 60335-2-53:2011/A11:2023
Konsolideerib dokumenti: EVS-EN 60335-2-53:2011/A2:2023

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 15016-4:2006

Technical drawings - Railway applications - Part 4: Data exchange

Keel: en

Alusdokumendid: EN 15016-4:2006

Asendatud järgmise dokumendiga: EVS-EN 15016-4:2023

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 13501-2:2016

Ehitustoodete ja -elementide tuleohutusalane klassifikatsioon. Osa 2: Klassifikatsioon tulepüsivuskatsete alusel, välja arvatud ventilatsioonisüsteemid

Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services

Keel: en, et

Alusdokumendid: EN 13501-2:2016

Asendatud järgmise dokumendiga: EVS-EN 13501-2:2023

Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN ISO 3611:2010

Geometrical product specifications (GPS) - Dimensional measuring instruments - Micrometers for external measurements; Design and metrological characteristics

Keel: en

Alusdokumendid: ISO 3611:2010; EN ISO 3611:2010

Asendatud järgmise dokumendiga: EVS-EN ISO 3611:2023

Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14841:2013

LPG equipment and accessories - Discharge procedures for LPG rail tankers

Keel: en

Alusdokumendid: EN 14841:2013

Asendatud järgmise dokumendiga: EVS-EN 14841:2023

Standardi staatus: Kehtetu

EVS-EN 14870-1:2011

Petroleum and natural gas industries - Induction bends, fittings and flanges for pipeline transportation systems - Part 1: Induction bends (ISO 15590-1:2009 modified)

Keel: en

Alusdokumendid: ISO 15590-1:2009; EN 14870-1:2011

Asendatud järgmise dokumendiga: EVS-EN 14870-1:2023

Standardi staatus: Kehtetu

25 TOOTMISTEHNOLLOOGIA

EVS-EN ISO 14327:2004

Resistance welding - Procedures for determining the weldability lobe for resistance spot, projection and seam welding

Keel: en

Alusdokumendid: ISO 14327:2004; EN ISO 14327:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 18278-1:2022

Standardi staatus: Kehtetu

EVS-EN ISO 15730:2016

Metallic and other inorganic coatings - Electropolishing as a means of smoothing and passivating stainless steel (ISO 15730:2000)

Keel: en

Alusdokumendid: ISO 15730:2000; EN ISO 15730:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 15730:2023

Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12309-1:2015

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 1: Terms and definitions

Keel: en

Alusdokumendid: EN 12309-1:2014

Asendatud järgmise dokumendiga: EVS-EN 12309-1:2023

Standardi staatus: Kehtetu

EVS-EN 61400-21:2008

Elektrituulikud. Osa 21: Elektrivõrguga ühendatud elektrituulikute elektri kvaliteedi näitajate mõõtmine ja hindamine

Wind turbines - Part 21: Measurement and assessment of power quality characteristics of grid connected wind turbines

Keel: en, et

Alusdokumendid: IEC 61400-21:2008; EN 61400-21:2008

Asendatud järgmise dokumendiga: EVS-EN IEC 61400-21-1:2019

Standardi staatus: Kehtetu

EVS-EN 61400-3:2009

Wind turbines -- Part 3: Design requirements for offshore wind turbines

Keel: en

Alusdokumendid: IEC 61400-3:2009; EN 61400-3:2009

Asendatud järgmise dokumendiga: EVS-EN IEC 61400-3-1:2019

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60424-4:2016

Ferrite cores - Guidelines on the limits of surface irregularities - Part 4: Ring-cores

Keel: en

Alusdokumendid: IEC 60424-4:2015; EN 60424-4:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 63093-12:2019

Standardi staatus: Kehtetu

EVS-EN 60684-3-216:2005/A2:2014

Flexible insulating sleeving -- Part 3: Specifications for individual types of sleeving -- Sheet 216: Heat-shrinkable, flame-retarded, limited-fire hazard sleeving

Keel: en

Alusdokumendid: IEC 60684-3-216:2001/A2:2013; EN 60684-3-216:2005/A2:2014

Asendatud järgmise dokumendiga: EVS-EN IEC 60684-3-216:2019

Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 61967-8:2011

Integrated circuits - Measurement of electromagnetic emissions - Part 8: Measurement of radiated emissions - IC stripline method

Keel: en

Alusdokumendid: IEC 61967-8:2011; EN 61967-8:2011

Asendatud järgmise dokumendiga: EVS-EN IEC 61967-8:2023

Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 14841:2013

LPG equipment and accessories - Discharge procedures for LPG rail tankers

Keel: en
Alusdokumendid: EN 14841:2013
Asendatud järgmise dokumendiga: EVS-EN 14841:2023
Standardi staatus: Kehtetu

EVS-EN 15016-4:2006

Technical drawings - Railway applications - Part 4: Data exchange

Keel: en
Alusdokumendid: EN 15016-4:2006
Asendatud järgmise dokumendiga: EVS-EN 15016-4:2023
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 16056:2012

Metallmaterjalide mõju olmeveele. Roostevaba teraste passiveerumise hindamismeetod Influence of metallic materials on water intended for human consumption - Method to evaluate the passive behaviour of stainless steels

Keel: en
Alusdokumendid: EN 16056:2012
Asendatud järgmise dokumendiga: EVS-EN 16056:2023
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 14870-1:2011

Petroleum and natural gas industries - Induction bends, fittings and flanges for pipeline transportation systems - Part 1: Induction bends (ISO 15590-1:2009 modified)

Keel: en
Alusdokumendid: ISO 15590-1:2009; EN 14870-1:2011
Asendatud järgmise dokumendiga: EVS-EN 14870-1:2023
Standardi staatus: Kehtetu

EVS-EN 15691:2009

Ethanol as a blending component for petrol - Determination of total dry residue (involatile material) - Gravimetric method

Keel: en
Alusdokumendid: EN 15691:2009
Asendatud järgmise dokumendiga: EVS-EN 15691:2023
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 1396:2015

Aluminium and aluminium alloys - Coil coated sheet and strip for general applications - Specifications

Keel: en
Alusdokumendid: EN 1396:2015
Asendatud järgmise dokumendiga: EVS-EN 1396:2023
Standardi staatus: Kehtetu

EVS-EN ISO 14556:2015

Metallic materials - Charpy V-notch pendulum impact test - Instrumented test method (ISO 14556:2015)

Keel: en
Alusdokumendid: ISO 14556:2015; EN ISO 14556:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 14556:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3785:2006

Metallic materials - Designation of test specimen axes in relation to product texture

Keel: en

Alusdokumendid: ISO 3785:2006; EN ISO 3785:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 3785:2023

Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN 927-5:2007

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 5: Assessment of the liquid water permeability

Keel: en

Alusdokumendid: EN 927-5:2006

Asendatud järgmise dokumendiga: EVS-EN 927-5:2023

Standardi staatus: Kehtetu

EVS-EN ISO 3262-13:2000

Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 13: Looduslik kvarts (jahvatatud) Extenders for paints - Specifications and methods of test - Part 13: Natural quartz (ground)

Keel: en

Alusdokumendid: ISO 3262-13:1997; EN ISO 3262-13:1998

Asendatud järgmise dokumendiga: EVS-EN ISO 3262-13:2023

Standardi staatus: Kehtetu

EVS-EN ISO 3262-15:2000

Extenders for paints - Specifications and methods of test - Part 15: Vitreous silica

Keel: en

Alusdokumendid: ISO 3262-15:2000; EN ISO 3262-15:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 3262-15:2023

Standardi staatus: Kehtetu

EVS-EN ISO 3262-16:2000

Extenders for paints - Specifications and methods of test - Part 16: Aluminium hydroxides

Keel: en

Alusdokumendid: ISO 3262-16:2000; EN ISO 3262-16:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 3262-16:2023

Standardi staatus: Kehtetu

EVS-EN ISO 3262-21:2000

Extenders for paints - Specifications and methods of test - Part 21: Silica sand (unground natural quartz)

Keel: en

Alusdokumendid: ISO 3262-21:2000; EN ISO 3262-21:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 3262-21:2023

Standardi staatus: Kehtetu

EVS-EN ISO 3262-8:2000

Extenders for paints - Specifications and methods of test - Part 8: Natural clay

Keel: en

Alusdokumendid: ISO 3262-8:1999; EN ISO 3262-8:1999

Asendatud järgmise dokumendiga: EVS-EN ISO 3262-8:2023

Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12309-1:2015

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 1: Terms and definitions

Keel: en

Alusdokumendid: EN 12309-1:2014

Asendatud järgmise dokumendiga: EVS-EN 12309-1:2023

Standardi staatus: Kehtetu

EVS-EN 1729-2:2012+A1:2015

**Mööbel. Haridusasutuste toolid ja lauad. Osa 2: Ohutusnõuded ja katsemeetodid
Furniture - Chairs and tables for educational institutions - Part 2: Safety requirements and test methods**

Keel: en, et

Alusdokumendid: EN 1729-2:2012/FprA1:2015

Asendatud järgmise dokumendiga: EVS-EN 1729-2:2023

Standardi staatus: Kehtetu

EVS-EN 50491-4-1:2012

Üldnõuded kodu- ja hooneelektroonikasüsteemidele ja hoonete automaatika- ja juhtimissüsteemidele. Osa 4-1: Funktsionaalse ohutuse üldnõuded toodetele, mis on ette nähtud sisseehitamiseks hoonete elektroonikasüsteemidesse ja hoonete automaatika- ja juhtimissüsteemidesse

General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 4-1: General functional safety requirements for products intended to be integrated in Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS)

Keel: en

Alusdokumendid: EN 50491-4-1:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 63044-4:2021

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 17836

Fertilizing products - Description of the physical unit

This document specifies the description of the physical unit in organic, organo-mineral and inorganic fertilizers.

Keel: en

Alusdokumendid: prEN 17836

Arvamusküsitluse lõppkuupäev: 14.07.2023

prEN ISO 23783-1

Automated liquid handling systems - Part 1: Vocabulary and general requirements (ISO 23783-1:2022)

This document defines terms relating to automated liquid handling systems (ALHS). This document also specifies general requirements for the use of ALHS. It describes types of ALHS and specific use requirements, settings, and adjustments for each ALHS type. It also specifies environmental requirements for the use of ALHS. This document is applicable to all ALHS with complete, installed liquid handling devices, including tips and other essential parts needed for delivering a specified volume, which perform liquid handling tasks without human intervention into labware. NOTE Measurement procedures for the determination of volumetric performance are given in ISO 23783-2. The determination, specification, and reporting of volumetric performance of automated liquid handling systems are described in ISO 23783-3.

Keel: en

Alusdokumendid: ISO 23783-1:2022; prEN ISO 23783-1

Arvamusküsitluse lõppkuupäev: 13.08.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 23875:2022/prA1

Mining - Air quality control systems for operator enclosures - Performance requirements and test methods - Amendment 1 (ISO 23875:2021/Amd 1:2022)

Amendment to EN ISO 23875:2022

Keel: en

Alusdokumendid: ISO 23875:2021/Amd 1:2022; EN ISO 23875:2022/prA1

Muudab dokumenti: EVS-EN ISO 23875:2022

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 12259-15

Fixed firefighting systems - Components for sprinkler and water spray systems - Part 15: Spray pattern sprinklers with a k-factor of at least K160, extended coverage sprinklers of at least K80 and control mode special application sprinklers

This document specifies requirements and test methods for spray pattern sprinklers with a k-factor of at least K160, extended coverage (EC) sprinklers of at least K80, extended coverage storage (ECS) sprinklers of at least K200 and control mode special

application (CMSA) sprinklers of all k-factors. This document does not apply to concealed, conventional, flat spray, flush and recessed sprinklers.

Keel: en

Alusdokumendid: prEN 12259-15

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 1717

Protection against pollution of water intended for human consumption in potable water installations and general requirements for devices to prevent pollution by backflow

This document specifies a methodology for protecting potable water in potable water installations within and outside buildings but within premises from the risk of pollution by backflow of non-potable water and gives recommendations on the design, risk analysis, backflow prevention devices and their installation methods. This methodology is also intended to be used outside premises for all potable water systems connected to a potable water distribution system up to and including the point of use. The product standards for the specific backflow prevention devices or arrangements are intended to be used in conjunction with this document. In the absence of a product standard, this document is intended to be used as a reference to draw up a specification for the development of new devices or arrangements.

Keel: en

Alusdokumendid: prEN 1717

Asendab dokumenti: EVS-EN 1717:2001

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 17491-4

Protective clothing - Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test) (ISO/DIS 17491-4:2023)

This part of ISO 17491 specifies methods for determining the resistance of chemical protective clothing to penetration by sprays of liquid chemicals at two different levels of intensity: a) Method A: low-level spray test. This is applicable to clothing that covers the full body surface and is intended to be worn when there is a potential risk of exposure to small quantities of spray or accidental low-volume splashes of a liquid chemical. b) Method B: high-level spray test. This is applicable to clothing with spray-tight connections between different parts of the clothing and, if applicable, between the clothing and other items of personal protective equipment, which covers the full body surface and which is intended to be worn when there is a risk of exposure to sprayed liquid chemical. This part of ISO 17491 does not address chemical permeation resistance of the materials from which the chemical protective clothing is made.

Keel: en

Alusdokumendid: ISO/DIS 17491-4; prEN ISO 17491-4

Asendab dokumenti: EVS-EN ISO 17491-4:2008

Asendab dokumenti: EVS-EN ISO 17491-4:2008/A1:2016

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEVS 613

Liiklusmärgid ja nende kasutamine Traffic signs and their installation requirements

See Eesti standard kehtestab Eesti teeliikluses kasutatavate liiklusmärkide (edaspidi märkide) valmistamise ja paigaldamise korra.

Keel: et

Asendab dokumenti: EVS 613:2001

Asendab dokumenti: EVS 613:2001/A1:2008

Asendab dokumenti: EVS 613:2001/A2:2016

Arvamusküsitluse lõppkuupäev: 14.07.2023

prEVS-ISO 10359-1

Vee kvaliteet. Fluoriidi määramine. Osa 1: Elektrokeemiline meetod joogivee ja kergelt saastunud vee analüüsiks

Water quality -- Determination of fluoride -- Part 1: Electrochemical probe method for potable and lightly polluted water (ISO 10359-1:1992, identical)

See ISO 10359 osa kirjeldab meetodit lahustunud fluoriidi määramiseks magedas, joogi- ja kergelt saastunud vees ning mõnes pinnavees, kasutades elektrokeemilist tehnikat. Meetod sobib fluoriidi kontsentratsiooni otsemõõtmiseks vahemikus 0,2 mg/l kuni 2,0 g/l. Pärast teadaoleva koguse fluoriidi lisamist võib määrata nii madalaid kontsentratsioone kui 0,02 mg/l (vt jaotis 7.3). Meetod ei sobi reovete ja tööstuslike heitvete jaoks; seda määramist käsitleb ISO 10359-2.

Keel: en

Alusdokumendid: ISO 10359-1:1992

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEVS-ISO 9297

Vee kvaliteet. Kloriidi määramine. Tiitrimine hõbenitraadiga kromaatindikaatori juuresolekul (Mohri meetod)

Water quality -- Determination of chloride -- Silver nitrate titration with chromate indicator (Mohr's method) (ISO 9297:1989, identical)

See rahvusvaheline standard kirjeldab titrimetrilist meetodit lahustunud kloriidi määramiseks vees. Meetod on rakendatav lahustunud kloriidi otsemääramiseks kontsentratsioonides vahemikus 5 mg/l kuni 150 mg/l. Töövahemikku võib suurendada kuni 400 mg/l, kasutades suurema mahutavusega büretti või proovi lahjendamist. Paljude segavate mõjude tõttu ei ole meetod rakendatav tugevalt saastunud madala kloriidisisaldusega vee korral.

Keel: en

Alusdokumendid: ISO 9297:1989

Arvamusküsitluse lõppkuupäev: 13.08.2023

17 METROLOOGIA JA MÕOTMINE. FÜSIKALISED NÄHTUSED

EN 60704-2-14:2013/prA2:2023

Amendment 2 - 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

Amendment to EN 60704-2-14:2013

Keel: en

Alusdokumendid: 59M/155/CDV; EN 60704-2-14:2013/prA2:2023

Muudab dokumenti: EVS-EN 60704-2-14:2013

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN IEC 61788-23:2023

Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of cavity-grade Nb superconductors

This part of IEC 61788 addresses a test method for the determination of the residual resistance ratio (RRR), rRRR, of cavity-grade niobium. This method is intended for high-purity niobium grades with $150 < rRRR < 600$. The test method is valid for specimens with rectangular or round cross-section, cross-sectional area greater than 1 mm² but less than 20 mm², and a length not less than 10 nor more than 25 times the width or diameter.

Keel: en

Alusdokumendid: 90/503/CDV; prEN IEC 61788-23:2023

Asendab dokumenti: EVS-EN IEC 61788-23:2021

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 23783-2

Automated liquid handling systems - Part 2: Measurement procedures for the determination of volumetric performance (ISO 23783-2:2022)

This document specifies procedures for the determination of volumetric performance of automated liquid handling systems (ALHS), including traceability and estimations of measurement uncertainty of measurement results. This document is applicable to all ALHS with complete, installed liquid handling devices, including tips and other essential parts needed for delivering a specified volume, which perform liquid handling tasks without human intervention into labware. NOTE For terminology and general requirements of automated liquid handling systems, see ISO 23783-1. Determination, specification, and reporting of volumetric performance of automated liquid handling systems is described in ISO 23783-3.

Keel: en

Alusdokumendid: ISO 23783-2:2022; prEN ISO 23783-2

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 23783-3

Automated liquid handling systems - Part 3: Determination, specification and reporting of volumetric performance (ISO 23783-3:2022)

This document provides guidance and establishes requirements for collecting and examining volumetric performance data of automated liquid handling systems (ALHS). It specifies how to index and track volumetric performance data and provides descriptive statistics for the evaluation of these data. This document also specifies reporting requirements of ALHS volumetric performance. This document is applicable to all ALHS with complete, installed liquid handling devices, including tips and other essential parts needed for delivering a specified volume, which perform liquid handling tasks without human intervention into labware. NOTE For terminology and general requirements of automated liquid handling systems, see ISO 23783-1. Measurement procedures for the determination of volumetric performance are given in ISO 23783-2.

Keel: en

Alusdokumendid: ISO 23783-3:2022; prEN ISO 23783-3

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 1717

Protection against pollution of water intended for human consumption in potable water installations and general requirements for devices to prevent pollution by backflow

This document specifies a methodology for protecting potable water in potable water installations within and outside buildings but within premises from the risk of pollution by backflow of non-potable water and gives recommendations on the design, risk analysis, backflow prevention devices and their installation methods. This methodology is also intended to be used outside premises for all potable water systems connected to a potable water distribution system up to and including the point of use. The product standards for the specific backflow prevention devices or arrangements are intended to be used in conjunction with this document. In the absence of a product standard, this document is intended to be used as a reference to draw up a specification for the development of new devices or arrangements.

Keel: en

Alusdokumendid: prEN 1717

Asendab dokumenti: EVS-EN 1717:2001

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 17878-2

District heating pipes - Factory made flexible pipe systems with a lower temperature profile - Part 2: Bonded system with plastic service pipes; requirements and test methods

This document specifies requirements and test methods for flexible, factory made, buried district heating pipe systems with plastics service pipes and bonding between the layers of the pipe assemblies. It is only applicable in conjunction with part 1. This document is applicable to a maximum continuous media temperature of 80 °C and maximum operating design pressures up to 1,0 MPa for a design service life of at least 50 years. This document does not apply to cover surveillance systems. In conjunction with the other parts of EN XXXXX, this document is applicable to pipes, fittings, their joints and to joints with components made of non-plastics materials intended to be used for district heating installations.

Keel: en

Alusdokumendid: prEN 17878-2

Arvamusküsitluse lõppkuupäev: 14.07.2023

prEN ISO 4641

Rubber hoses and hose assemblies for water suction and discharge - Specification (ISO/DIS 4641:2023)

ISO 4641:2016 specifies the minimum requirements for textile-reinforced, smooth-bore rubber water-suction and discharge hoses and hose assemblies. Three types of hoses and hose assemblies are specified according to their operating duty requirements, i.e. their ambient and water temperature ranges: - ambient temperatures: -25 °C to +70 °C; - water temperatures during operation: 0 °C to +70 °C.

Keel: en

Alusdokumendid: ISO/DIS 4641; prEN ISO 4641

Asendab dokumenti: EVS-EN ISO 4641:2016

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 18276

Welding consumables - Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels - Classification (ISO/DIS 18276:2023)

ISO 18276:2017 specifies the requirements for classification of tubular cored electrodes with or without a gas shield for metal arc welding of high-strength steels in the as-welded condition or in the post-weld heat-treated condition with a minimum yield strength higher than 550 MPa or a minimum tensile strength higher than 590 MPa. One tubular cored electrode can be tested and classified with different shielding gases, if used with more than one. ISO 18276:2017 is a combined specification providing classification utilizing a system based upon the yield strength and an average impact energy of 47 J of the all-weld metal, or utilizing a system based upon the tensile strength and an average impact energy of 27 J of the all-weld metal. - Subclauses and tables which carry the suffix letter "A" are applicable only to tubular cored electrodes classified under the system based upon the yield strength and an average impact energy of 47 J of the all-weld metal given in this document. - Subclauses and tables which carry the suffix letter "B" are applicable only to tubular cored electrodes classified under the system based upon the tensile strength and an average impact energy of 27 J of the all-weld metal given in this document. - Subclauses and tables which do not have either the suffix letter "A" or the suffix letter "B" are applicable to all tubular cored electrodes classified under this document. It is recognized that the operating characteristics of tubular cored electrodes can be modified by the use of pulsed current but, for the purposes of this document, pulsed current is not used for determining the electrode classification.

Keel: en

Alusdokumendid: ISO/DIS 18276; prEN ISO 18276

Asendab dokumenti: EVS-EN ISO 18276:2017

Arvamusküsitluse lõppkuupäev: 13.08.2023

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 12953-6

Shell Boilers - Part 6: Requirements for equipment for the boiler

This part of this European Standard specifies the minimum requirements for safety related equipment for shell boilers as defined in EN 12953-1, to ensure the boiler operates within the allowable limits (pressure, temperature, etc.) and if the limits are exceeded the energy supply shall be interrupted and locked out without manual (human) intervention at the boiler. NOTE 1 The maximum time of operation without manual (human) intervention should be defined for each boiler system. NOTE 2 Annex C (informative) gives recommendations of operation and testing of the boiler system with a maximum time of operation without manual (human) intervention of 72 hours.

Keel: en

Alusdokumendid: prEN 12953-6

Asendab dokumenti: EVS-EN 12953-6:2011

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 12953-9

Shell boilers - Part 9: Requirements for limiting devices of the boiler and accessories

This European Standard specifies requirements for limiters (or limiting devices) which are incorporated into safety systems for shell boilers as defined in EN 12953-1. A limiter (or limiting device) can be either: - a safety accessory as defined in the Pressure Equipment Directive, Article 1, clause 2.1.3, and needs to include the safety logic and final actuator, or - one element of a safety system, for example, a self-monitoring water level sensor used as part of a safety accessory as defined in the Pressure Equipment Directive, Article 1, clause 2.1.3. The overall boiler protection function needs to be provided in association with additional safety logic (where appropriate) and a final actuator. The design requirements and examination of functional capability for the limiters are covered in this European Standard. For an explanation of the extent of the limiter (or limiting device) see Figure A.1.

Keel: en

Alusdokumendid: prEN 12953-9

Asendab dokumenti: EVS-EN 12953-9:2007

Arvamusküsitluse lõppkuupäev: 13.08.2023

29 ELEKTROTEHNIKA

prEN IEC 61788-23:2023

Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of cavity-grade Nb superconductors

This part of IEC 61788 addresses a test method for the determination of the residual resistance ratio (RRR), $rRRR$, of cavity-grade niobium. This method is intended for high-purity niobium grades with $150 < rRRR < 600$. The test method is valid for specimens with rectangular or round cross-section, cross-sectional area greater than 1 mm² but less than 20 mm², and a length not less than 10 nor more than 25 times the width or diameter.

Keel: en

Alusdokumendid: 90/503/CDV; prEN IEC 61788-23:2023

Asendab dokumenti: EVS-EN IEC 61788-23:2021

Arvamusküsitluse lõppkuupäev: 13.08.2023

33 SIDETEHNIKA

prEN IEC 61754-13:2023

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 13: Type FC-PC connector family

This part of IEC 61754 defines the standard interface dimensions for the type FC-PC family of connectors.

Keel: en

Alusdokumendid: 86B/4756/CDV; prEN IEC 61754-13:2023

Asendab dokumenti: EVS-EN 61754-13:2006

Arvamusküsitluse lõppkuupäev: 13.08.2023

35 INFOTEHNOLOOGIA

prEN ISO 19152-3

Geographic information - Land Administration Domain Model (LADM) - Part 3: Marine georegulation (ISO/DIS 19152-3:2023)

This part of ISO 19152 provides the concepts and structure for standardization for georegulation in the marine space. This standard addresses the information structures related to management of legal spaces, such as the international maritime limits and boundaries, marine living and non-living resources management areas, marine conservation areas, etc. and their related

rights and obligations. This part of 19152 establishes the common elements and basic schema to structure marine georegulation information system. It builds upon the common components defined in 19152 Part 1 – Fundamentals.

Keel: en

Alusdokumendid: ISO/DIS 19152-3; prEN ISO 19152-3

Asendab dokumenti: EVS-EN ISO 19152:2012

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 21549-5

Health informatics - Patient healthcard data - Part 5: Identification data (ISO/FDIS 21549-5:2023)

ISO 21549-5:2015 describes and defines the basic structure of the identification data objects held on healthcare data cards, but does not specify particular data sets for storage on devices. The detailed functions and mechanisms of the following services are not within the scope of this part of ISO 21549 (although its structures can accommodate suitable data objects elsewhere specified): - security functions and related services that are likely to be specified by users for data cards depending on their specific application, e.g. confidentiality protection, data integrity protection and authentication of persons and devices related to these functions; - access control services; - the initialization and issuing process (which begins the operating lifetime of an individual data card, and by which the data card is prepared for the data to be subsequently communicated to it according to this part of ISO 21549). The following topics are therefore beyond the scope of this part of ISO 21549: - physical or logical solutions for the practical functioning of particular types of data card; - the forms that data take for use outside the data card, or the way in which such data are visibly represented on the data card or elsewhere.

Keel: en

Alusdokumendid: ISO/FDIS 21549-5; prEN ISO 21549-5

Asendab dokumenti: EVS-EN ISO 21549-5:2016

Arvamusküsitluse lõppkuupäev: 13.08.2023

47 LAEVAEHITUS JA MERE-EHITISED

EN ISO 11812:202X/prA1

Small craft - Watertight or quick-draining recesses and cockpits - Amendment 1 (ISO 11812:2020/DAM 1:2023)

Amendment to prEN ISO 11812

Keel: en

Alusdokumendid: EN ISO 11812:202X/prA1; ISO 11812:2020/DAM 1:2023

Muudab dokumenti: prEN ISO 11812

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 11812

Small craft - Watertight or quick-draining recesses and cockpits (ISO 11812:2020)

This document specifies watertightness, draining time and sill heights requirements for watertight and quick-draining recesses and cockpits in small craft of up to 24 m load line length (see Reference [1]). Recesses located in elevated parts of the craft are covered by this document. This document does not specify requirements for the size, the shape and the location of recesses or cockpits. It only considers draining by gravity, and not by pumping or other methods. It only considers normal operation of the craft, but unattended craft recess issues are out of scope. This document does not guarantee that the water contained in a watertight or quick-draining recess or cockpit will not affect the stability and buoyancy of the craft, which are covered by ISO 12217 (all parts):2015.

Keel: en

Alusdokumendid: prEN ISO 11812; ISO 11812:2020

Asendab dokumenti: EVS-EN ISO 11812:2018

Arvamusküsitluse lõppkuupäev: 13.08.2023

49 LENNUNDUS JA KOSMOSETEHNIKA

EN 12312-5:2021/prA1

Aircraft ground support equipment - Specific requirements - Part 5: Aircraft fuelling equipment

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of AFE when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some performance requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines, airports and fuelling companies. This document applies to all types of aircraft fuelling equipment: a) aircraft refuellers, b) hydrant dispensers, c) defuellers, d) hydrant pit servicing vehicles, e) pit cleaner vehicles, and f) stationary dispensing units intended to service aircraft with aviation fuels and to be operated on airfields, heliports and other aircraft refuelling related areas such as maintenance bases. This document does not apply to: g) AFE whose only power source for aircraft refuelling is directly applied manual effort, h) hydrant systems, tank farms, pipework and underground tanks, i) specific hazards due to the operation of the AFE in a potentially explosive atmosphere, and j) built-in fire extinguisher systems. No extra requirements on noise and vibration are provided other than those in EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009. NOTE EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009 provide the general GSE vibration and noise requirements. This document does not deal with hazards in respect to a standard automotive chassis and from other vehicles on

the apron. This document is not applicable to AFE which are manufactured before the date of publication of this document by CEN. This part of the EN 12312 series when used in conjunction with EN 1915-1:2013, EN 1915-2:2001+A1:2009, EN 1915-3:2004+A1:2009 (for vehicles) and EN 1915-4:2004+A1:2009 provides the requirements for AFE.

Keel: en

Alusdokumendid: EN 12312-5:2021/prA1

Muudab dokumenti: EVS-EN 12312-5:2021

Arvamusküsitluse lõppkuupäev: 13.08.2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 13431

Geotextiles and geotextile-related products - Determination of tensile creep and creep rupture behaviour (ISO/DIS 13431:2023)

This document specifies a method for determining the tensile creep and creep rupture behaviour of geotextiles and geotextile-related products in an unconfined situation. Application of this standard is limited to those products and applications where the risk of collapse of a structure due to premature failure or to strain/time variation of the reinforcement under constant load is of essential importance. As the test is carried out over a long period of time and the procedure is complex, it is therefore recommended that the test is not considered to be a routine quality control test. The results of the test cannot be representative of the performance of the products when subject to soil pressures.

Keel: en

Alusdokumendid: ISO/DIS 13431; prEN ISO 13431

Asendab dokumenti: EVS-EN ISO 13431:2000

Arvamusküsitluse lõppkuupäev: 13.08.2023

65 PÖLLUMAJANDUS

prEN 17836

Fertilizing products - Description of the physical unit

This document specifies the description of the physical unit in organic, organo-mineral and inorganic fertilizers.

Keel: en

Alusdokumendid: prEN 17836

Arvamusküsitluse lõppkuupäev: 14.07.2023

71 KEEMILINE TEHNOLOOGIA

prEN ISO 23783-1

Automated liquid handling systems - Part 1: Vocabulary and general requirements (ISO 23783-1:2022)

This document defines terms relating to automated liquid handling systems (ALHS). This document also specifies general requirements for the use of ALHS. It describes types of ALHS and specific use requirements, settings, and adjustments for each ALHS type. It also specifies environmental requirements for the use of ALHS. This document is applicable to all ALHS with complete, installed liquid handling devices, including tips and other essential parts needed for delivering a specified volume, which perform liquid handling tasks without human intervention into labware. NOTE Measurement procedures for the determination of volumetric performance are given in ISO 23783-2. The determination, specification, and reporting of volumetric performance of automated liquid handling systems are described in ISO 23783-3.

Keel: en

Alusdokumendid: ISO 23783-1:2022; prEN ISO 23783-1

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 23783-2

Automated liquid handling systems - Part 2: Measurement procedures for the determination of volumetric performance (ISO 23783-2:2022)

This document specifies procedures for the determination of volumetric performance of automated liquid handling systems (ALHS), including traceability and estimations of measurement uncertainty of measurement results. This document is applicable to all ALHS with complete, installed liquid handling devices, including tips and other essential parts needed for delivering a specified volume, which perform liquid handling tasks without human intervention into labware. NOTE For terminology and general requirements of automated liquid handling systems, see ISO 23783-1. Determination, specification, and reporting of volumetric performance of automated liquid handling systems is described in ISO 23783-3.

Keel: en

Alusdokumendid: ISO 23783-2:2022; prEN ISO 23783-2

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 23783-3

Automated liquid handling systems - Part 3: Determination, specification and reporting of volumetric performance (ISO 23783-3:2022)

This document provides guidance and establishes requirements for collecting and examining volumetric performance data of automated liquid handling systems (ALHS). It specifies how to index and track volumetric performance data and provides descriptive statistics for the evaluation of these data. This document also specifies reporting requirements of ALHS volumetric performance. This document is applicable to all ALHS with complete, installed liquid handling devices, including tips and other essential parts needed for delivering a specified volume, which perform liquid handling tasks without human intervention into labware. NOTE For terminology and general requirements of automated liquid handling systems, see ISO 23783-1. Measurement procedures for the determination of volumetric performance are given in ISO 23783-2.

Keel: en

Alusdokumendid: ISO 23783-3:2022; prEN ISO 23783-3

Arvamusküsitluse lõppkuupäev: 13.08.2023

73 MÄENDUS JA MAAVARAD

EN ISO 23875:2022/prA1

Mining - Air quality control systems for operator enclosures - Performance requirements and test methods - Amendment 1 (ISO 23875:2021/Amd 1:2022)

Amendment to EN ISO 23875:2022

Keel: en

Alusdokumendid: ISO 23875:2021/Amd 1:2022; EN ISO 23875:2022/prA1

Muudab dokumenti: EVS-EN ISO 23875:2022

Arvamusküsitluse lõppkuupäev: 13.08.2023

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 18335

Petroleum products and related products - Determination of kinematic viscosity by calculation from the measured dynamic viscosity and density - Method by constant pressure viscometer (ISO/DIS 18335:2023)

This document specifies a procedure for the determination of dynamic viscosity (η) and density (ρ) for the calculation of kinematic viscosity (ν) of middle distillate fuels, fatty acid methyl ester fuels (FAME) and mixtures of these with middle distillate fuels, and lubricating oils including base oils, formulated oils, and synthetics, using a constant pressure viscometer. The range of kinematic viscosities covered in this test method is from 0,5 mm²/s to 2 000 mm²/s, with precision at 40 °C from 0,9 mm²/s to 1 300 mm²/s, and precision at 100 °C from 2.9 mm²/s to 161 mm²/s. The result obtained using the procedure described in this document depends on the rheological behaviour of the sample. This document is predominantly applicable to liquids whose shear stress and shear rate are proportional (Newtonian flow behaviour). However, if the viscosity changes significantly with the shear rate, comparison with other measuring methods is only permissible at similar shear rates

Keel: en

Alusdokumendid: ISO/DIS 18335; prEN ISO 18335

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 18847

Solid biofuels - Determination of particle density of pellets and briquettes (ISO/DIS 18847:2023)

ISO 18847:2016 specifies the method for determining the particle density of compressed fuels such as pellets or briquettes. Particle density is not an absolute value and conditions for its determination have to be standardized to enable comparative determinations to be made.

Keel: en

Alusdokumendid: ISO/DIS 18847; prEN ISO 18847

Asendab dokumenti: EVS-EN ISO 18847:2016

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 2611-1

Analysis of natural gas - Biomethane - Determination of halogenated compounds - Part 1: HCl and HF content by ion chromatography (ISO/DIS 2611-1:2023)

This document specifies a method for the determination of the concentration hydrochloric acid and hydrofluoric acid in biomethane, after absorption on an alkali-impregnated quartz fiber filter or in a sorbent trap, by ion chromatography (IC) with conductimetric detection. The method is applicable to biomethane in levels: - for HCl: 0,07 mg/m³ to 34,3 mg/m³; - for HF: 0,07 mg/m³ to 17,5 mg/m³.

Keel: en

Alusdokumendid: ISO/DIS 2611-1; prEN ISO 2611-1

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 754-2**Aluminium and aluminium alloys - Cold drawn rod/bar and tube - Part 2: Mechanical properties**

This document specifies the mechanical property limits resulting from tensile testing applicable to aluminium and aluminium alloy cold drawn rod/bar and tube. Technical conditions for inspection and delivery, including product and testing requirements, are specified in EN 754-1. Temper designations are defined in EN 515. The chemical composition limits for these materials are given in EN 573-3.

Keel: en

Alusdokumendid: prEN 754-2

Asendab dokumenti: EVS-EN 754-2:2016

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 755-2**Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 2: Mechanical properties**

This document specifies the mechanical property limits resulting from tensile testing applicable to aluminium and aluminium alloy extruded rod/bar, tube and profile. Technical conditions for inspection and delivery, including product and testing requirements, are specified in EN 755-1. Temper designations are defined in EN 515. The chemical composition limits for these materials are given in EN 573-3.

Keel: en

Alusdokumendid: prEN 755-2

Asendab dokumenti: EVS-EN 755-2:2016

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 6306**Chemical analysis of steel - Order of listing elements in steel standards (ISO 6306:2020)**

This document specifies an order for listing elements within the chemical composition of steels and most other iron-based alloys, excluding foundry irons.

Keel: en

Alusdokumendid: ISO 6306:2020; prEN ISO 6306

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 21068-1**Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon - Part 1: General information and sample preparation (ISO/DIS 21068-1:2023)**

This part of ISO 21068 gives definitions and specifies techniques for the preparation of samples for the chemical analysis of silicon-carbide-containing raw materials and refractory products including: a) SiC raw materials; b) graphite brick containing silicon carbide; c) silicon carbide brick (includes the bricks containing silicon nitride, silicon oxynitride, sialon); d) refractories containing carbon and/or silicon carbide mixed with clay; e) refractories containing carbon and/or silicon carbide mixed with silica (and fused silica); f) refractories containing carbon and/or silicon carbide mixed with high alumina material; g) refractories containing carbon and/or silicon carbide mixed with magnesia (and dolomite); h) refractories containing carbon and/or silicon carbide mixed with chrome mineral or magnesia-chrome materials; i) refractories containing carbon and/or silicon carbide except those described in a) to g) above. The items of chemical analysis described in ISO 21068, Parts 1 to 4 are as follows: 1) loss on drying (LOD); 2) loss on ignition (LOI); 3) total carbon, C_{total}; 4) free carbon, C_{free}; 5) silicon carbide, SiC; 6) free silicon (Si_{free}); 7) free aluminium (Al_{free}); 8) free magnesium (Mg_{free}); 9) free iron (Fe_{free}); 10) silicon(IV) dioxide (SiO₂); 11) aluminium oxide (Al₂O₃); 12) iron(III) oxide (total iron oxide calculated as Fe₂O₃); 13) titanium(IV) oxide (TiO₂); 14) calcium oxide (CaO); 15) magnesium oxide (MgO); 16) sodium oxide (Na₂O); 17) potassium oxide (K₂O); 18) chromium(III) oxide (Cr₂O₃); 19) zirconium oxide (ZrO₂); 20) boron oxide (total boron calculated as B₂O₃); 21) nitrogen; 22) oxygen; 23) nitrides (undifferentiated: Si₃N₄, AlN, BN, sialon, oxy-nitrides, etc.); 24) XRD-methods.

Keel: en

Alusdokumendid: ISO/DIS 21068-1; prEN ISO 21068-1

Asendab dokumenti: EVS-EN ISO 21068-1:2008

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 21068-2

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon - Part 2: Determination of volatile components, total carbon, free carbon, silicon carbide, total and free silicon, free and surface silica (ISO/DIS 21068-2:2023)

This part of ISO 21068 specifies analytical techniques for the determination of volatile components by thermal treatment at specified temperatures, and methods for the determination of the total carbon content, free carbon, silicon carbide, total and free silicon and free and surface silica content of silicon carbide, silicon nitride, silicon oxynitride and sialon containing raw materials and refractory products.

Keel: en

Alusdokumendid: ISO/DIS 21068-2; prEN ISO 21068-2

Asendab dokumenti: EVS-EN ISO 21068-2:2008

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 21068-3

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon - Part 3: Determination of nitrogen, oxygen and metallic and oxidic constituents (ISO/DIS 21068-3:2023)

This part of ISO 21068 specifies analytical techniques for the determination of total nitrogen and nitrogen calculated as silicon nitride, total oxygen, and metallic and oxidic components in silicon carbide raw materials and refractory products.

Keel: en

Alusdokumendid: ISO/DIS 21068-3; prEN ISO 21068-3

Asendab dokumenti: EVS-EN ISO 21068-3:2008

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 21068-4

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon - Part 4: XRD methods (ISO/DIS 21068-4:2023)

This standard describes methods for the determination of mineralogical phases typically apparent in nitride and oxy-nitride bonded silicon carbide refractory products using a Bragg-Brentano diffractometer. It includes details of sample preparation and general principles for qualitative and quantitative analysis of mineralogical phase composition. Quantitative determination of Si₃N₄, Si₃N₄, Si₂ON₂, AlN, and SiAlON are described. NOTE For the refinement procedures the total nitrogen content, analysed in accordance with ISO 21068-3 is needed.

Keel: en

Alusdokumendid: ISO/DIS 21068-4; prEN ISO 21068-4

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN ISO 26443

Fine ceramics (advanced ceramics, advanced technical ceramics) - Rockwell indentation test for evaluation of adhesion of ceramic coatings (ISO/FDIS 26443:2023)

ISO 26443:2008 specifies a method for the qualitative evaluation of the adhesion of ceramic coatings up to 20 µm thick by indentation with a Rockwell diamond indenter. The formation of cracks after indentation may also reveal cohesive failure. The indentations are made with a Rockwell hardness test instrument. The method described may also be suitable for evaluating the adhesion of metallic coatings. The test is not suitable for elastic coatings on hard substrates.

Keel: en

Alusdokumendid: ISO/FDIS 26443; prEN ISO 26443

Asendab dokumenti: EVS-EN ISO 26443:2016

Arvamusküsitluse lõppkuupäev: 13.08.2023

91 EHITUSMATERJALID JA EHITUS

prEN 1717

Protection against pollution of water intended for human consumption in potable water installations and general requirements for devices to prevent pollution by backflow

This document specifies a methodology for protecting potable water in potable water installations within and outside buildings but within premises from the risk of pollution by backflow of non-potable water and gives recommendations on the design, risk analysis, backflow prevention devices and their installation methods. This methodology is also intended to be used outside premises for all potable water systems connected to a potable water distribution system up to and including the point of use. The product standards for the specific backflow prevention devices or arrangements are intended to be used in conjunction with this document. In the absence of a product standard, this document is intended to be used as a reference to draw up a specification for the development of new devices or arrangements.

Keel: en

Alusdokumendid: prEN 1717

Asendab dokumenti: EVS-EN 1717:2001

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 17216

Construction products: Assessment of release of dangerous substances - Determination of activity of radium-226, thorium-232 and potassium-40 in construction products using semiconductor gamma-ray spectrometry

This document describes a test method for the determination of the activity of the radionuclides radium-226, thorium-232 and potassium-40 in construction products using semiconductor gamma-ray spectrometry. This document describes sampling from a laboratory sample, sample preparation, and the sample measurement by semiconductor gamma-ray spectrometry. It includes background subtraction, energy and efficiency calibration, spectrum analysis, activity calculation with the associated uncertainties or the decision threshold and detection limit calculation, and the reporting of results. The scope of this document is not product-specific. However, there are a limited number of product-specific components, such as the preparation of the laboratory sample and drying of the test portion. The method is applicable to samples from products consisting of single or multiple constituents.

Keel: en

Alusdokumendid: prEN 17216

Asendab dokumenti: CEN/TS 17216:2018

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 81-82

Safety rules for the construction and installation of lifts - Existing lifts - Part 82: Rules for the improvement of the accessibility of existing lifts for persons including persons with disability

This document provides rules on how to apply EN 81-20:2020 and EN 81-70:2021+A1:2022 to existing lifts to improve their accessibility and usability for persons including persons with disability. It is detailing the general requirement for accessibility as referred to in EN 81-80:2019, Annex A, Table A.1, No. 1.1. NOTE EN 81-70:2018 referenced in EN 81 80:2019 has been replaced by EN 81-70:2021+A1:2022. This document applies to permanently installed lifts serving defined landing levels, having a car designed for the transportation of persons or persons and goods. This document does not cover lifts with destination control system.

Keel: en

Alusdokumendid: prEN 81-82

Asendab dokumenti: EVS-EN 81-82:2013

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 81-83

Safety rules for the construction and installation of lifts - Existing lifts - Part 83: Rules for the improvement of the resistance against vandalism

This document provides rules on how to apply EN 81-71:2022 to existing lifts to improve their vandal resistance. It is detailing the general requirement for vandal resistance as referred to in EN 81-80:2019, Annex A, Table A.1, No. 1.2. NOTE EN 81-71:2018 referenced in EN 81-80:2019 has been replaced by EN 81-71:2022 without technical changes. The reference to category 0 has been removed. This document applies to permanently installed lifts serving defined landing levels, having a car designed for the transportation of persons or persons and goods.

Keel: en

Alusdokumendid: prEN 81-83

Asendab dokumenti: CEN/TS 81-83:2009

Arvamusküsitluse lõppkuupäev: 13.08.2023

93 RAJATISED

prEN 13848-4

Railway applications - Track - Track geometry quality - Part 4: Measuring systems - Manual and lightweight devices

This document specifies the minimum requirements to meet by measuring systems fitted on track geometry measuring trolleys and manually operated devices to give an evaluation of track geometry quality when using one or more of the parameters described in EN 13848 1. It sets out the acceptable differences from EN 13848 1 when using track geometry measuring trolleys and manually operated devices to measure track geometry. It applies to all track geometry measuring systems fitted to track geometry measuring trolleys and manually operated devices after the date of implementation of this document. In the case of lightweight devices working at a speed higher than walking speed, or in the case of track geometry measuring systems installed on track recording cars but not measuring in loaded conditions as defined in EN 13848 1, the test procedure defined in EN 13848 2 is applicable.

Keel: en

Alusdokumendid: prEN 13848-4

Asendab dokumenti: EVS-EN 13848-4:2011

Arvamusküsitluse lõppkuupäev: 13.08.2023

EN 60704-2-14:2013/prA2:2023

Amendment 2 - 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

Amendment to EN 60704-2-14:2013

Keel: en

Alusdokumendid: 59M/155/CDV; EN 60704-2-14:2013/prA2:2023

Muudab dokumenti: EVS-EN 60704-2-14:2013

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 1-1

Residential liquid fuel burning appliances - Part 1: General requirements and test methods

This document is applicable to residential liquid fuel burning appliances intended for space heating. This document specifies requirements relating to the design, manufacture, construction, safety and performance (efficiency and emission) of appliances fired by liquid fuel (hereafter referred to as "appliance(s)") and provides instructions for them. Furthermore, it also gives provisions for the evaluation of conformity, i.e. initial type testing (ITT) and factory production control (FPC) and marking of these appliances. This document specifies the test methods for the determination of the smoke number, and CO, NO_x, and OGC emission test methods. This document is not applicable for: - built-in appliances; - appliances equipped with an atomizing burner; - appliances incorporating a boiler or connected to a water system.

Keel: en

Alusdokumendid: prEN 1-1

Asendab dokumenti: EVS-EN 1:2000

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 1-2

Residential liquid fuel burning appliances - Part 2: Flued oil stoves with vaporizing burners

This document is applicable to oil stoves. These appliances have one or more vaporizing burners and a nominal heating capacity of not more than 15 kW and are equipped either with a draught regulator or a combustion air limiter. The intended use of the appliances is space heating in residential buildings. This document is also applicable to appliances with fan assisted vaporizing burners. According to the type of fuels used in the country of destination, the appliances are supplied for use with either: - fuel oil with a maximum kinematic viscosity of 6,0 mm²/s at 20 °C; - or kerosene with a flash point of not less than 40 °C. This document is not applicable for: - built-in appliances; - appliances equipped with an atomizing burner; - appliances incorporating a boiler or connected to a water system. This document specifies procedures for assessment and verification of constancy of performance (AVCP) of characteristics of flued oil stoves with vaporizing burners.

Keel: en

Alusdokumendid: prEN 1-2

Asendab dokumenti: EVS-EN 1:2000

Arvamusküsitluse lõppkuupäev: 13.08.2023

prEN 17903

Definition and declaration of recycled content (organic and inorganic) in textile floor coverings.

This European norm defines the content of recycled materials (inorganic and organic) in textile floor coverings (broadloom and tiles) as described in EN 1307.

Keel: en

Alusdokumendid: prEN 17903

Arvamusküsitluse lõppkuupäev: 13.08.2023

TÖLKED KOMMENTEERIMISEL

Allpool on toodud teave kommenteerimisetappi jõudnud eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standarddilaadsete dokumentide kohta ja inglise keelde tõlgitavate algupäraste 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 12847:2022

Bituumen ja bituumensideained. Bituumenemulsioonide settimiskalduvuse määramine

Käesolev dokument kirjeldab bituumenemulsioonide settimiskalduvuse määramise meetodit. HOIATUS – Selle dokumendi kasutamine võib kätkeada ohtlikke materjale, toiminguid ja seadmeid. See dokument ei väida, et käsitleb kõiki ohutusprobleeme, mis on seotud selle kasutamisega. Asjakohaste tervishoiu- ja ohutusnõuete kehtestamise ning regulatiivpiirangute rakendatavuse kindlaksmääramise eest enne kasutamist vastutab selle dokumendi kasutaja.

Keel: et

Alusdokumendid: EN 12847:2022

Kommenteerimise lõppkuupäev: 14.07.2023

EVS-EN ISO 9377-2:2001

Vee kvaliteet. Õlide süsivesinike indeksi määramine – Osa 2: Kasutades vedelikekstraktsiooni ja gaasikromatograafilist meetodit

See standardi ISO 9377 osa täpsustab meetodi vees õlide süsivesinike indeksi määramiseks gaasikromatograafia abil. Meetod sobib pinna-, reo- ja reoveepuhastite vee jaoks ning võimaldab määrata õlide süsivesinike indeksi kontsentratsioonis üle 0,1 mg/l. Meetodit ei saa kasutada lenduva mineraalõli sisalduse kvantitatiivseks määramiseks. Gaasikromatogrammi piikide mustril põhjal saab siiski tuletada teatud kvalitatiivset teavet mineraalõli reostuse koostise kohta. MÄRKUS 1 Pinnase ja setete mineraalõlisisalduse määramise kohta vt ISO/TR 11046. MÄRKUS 2 Loomsete ja taimsete rasvade massikontsentratsioon uuritavas proovis ei tohiks ületada 150 mg/l, sest suuremate väärtuste korral ei pruugi puhastuskolonn tädise adsorptsioonivõime olla piisav. MÄRKUS 3 Väga saastunud reovee korral, eriti kui see sisaldab suures koguses pindaktiivseid aineid, võib saagis väheneda.

Keel: et

Alusdokumendid: ISO 9377-2:2000; EN ISO 9377-2:2000

Kommenteerimise lõppkuupäev: 14.07.2023

prEN 12595

Bituumen ja bituumensideained. Kinemaatilise viskoossuse määramine

Käesolev dokument kirjeldab meetodit bituumensideainete kinemaatilise viskoossuse määramiseks temperatuuridel 60 °C ja 135 °C ja vahemikus 6 mm²/s kuni 300 000 mm²/s. Teistel temperatuuridel määramine on võimalik, kui kalibreerimistegurid on teada. Bituumenemulsioonid selle meetodi käsitlusalasse ei kuulu. Selle meetodi tulemusi saab kasutada dünaamilise viskoossuse arvutamiseks, kui katsetatava materjali tihedus on teada või seda on võimalik määrata. MÄRKUS Käesolev dokument eeldab, et proov käitub katsetingimustel Newtoni vedelikuna. HOIATUS - Selle dokumendi kasutamine võib kätkeada ohtlikke materjale, toiminguid ja seadmeid. See dokument ei väida, et käsitleb kõiki ohutusprobleeme, mis on seotud selle kasutamisega. Selle standardi kasutaja kohus on teha kindlaks ohud ja hinnata riskid, mis on seotud selle katsemeetodi läbiviimisega, ja rakendada piisavalt kontrollmeetmeid kaitsmaks igat katsetajat (ja keskkonda). See sisaldab asjakohaste tervishoiu- ja ohutusnõuete kehtestamist ning regulatiivpiirangute kasutamiseelset rakendamist.

Keel: et

Alusdokumendid: prEN 12595

Kommenteerimise lõppkuupäev: 14.07.2023

prEN 12596

Bituumen ja bituumensideained. Dünaamilise viskoossuse määramine vaakumkapillaaris

Käesolev dokument kirjeldab meetodit bituumensideainete dünaamilise viskoossuse määramiseks vaakumkapillaarviskosimeetriga 60 °C juures ja vahemikus 0,0036 Pa·s kuni 580 000 Pa·s. Ka teised temperatuurid on võimalikud, kui kalibreerimise konstandid on teada. Bituumenemulsioonid ja mitte-Newtoni vedelikuna käituvad sideained (näiteks mõned polümeermodifitseeritud bituumenid) ei kuulu selle meetodi käsitlusalasse. HOIATUS - Selle dokumendi kasutamine võib kätkeada ohtlikke materjale, toiminguid ja seadmeid. See dokument ei väida, et käsitleb kõiki ohutusprobleeme, mis on seotud selle kasutamisega. Selle standardi kasutaja kohus on teha kindlaks ohud ja hinnata riskid, mis on seotud selle katsemeetodi läbiviimisega, ja rakendada piisavalt kontrollmeetmeid kaitsmaks igat katsetajat (ja keskkonda). See sisaldab asjakohaste tervishoiu- ja ohutusnõuete kehtestamist ning regulatiivpiirangute kasutamiseelset rakendamist.

Keel: et

Alusdokumendid: prEN 12596

Kommenteerimise lõppkuupäev: 14.07.2023

prEN 15287-2

Korstnad. Projekteerimine, paigaldamine ja töökorras oleku hindamine. Osa 2: Korstnad ja suitsulõõri ühendustorud ruumivälise õhuvarustusega põletusseadmetele

See dokument kirjeldab korstnasüsteemide, eritellimusel valmistatud korstnate ehitamise ja olemasolevate korstnate ümberehituse ning suitsulõõri ühendustorude ja õhuvarustustorude projekteerimise paigaldamise ja märgistamise kriteeriumide määramise meetodit ruumivälise õhuvarustusega põletusseadmete e korral, samuti korstna elementide kasutamist. See annab samuti teavet korstnate kasutusele võtmise kohta. See dokument kehtib korstnatele, mis vastavad järgmistele piiravatele tingimustele: — tugevaheline kaugus ei tohi olla üle 4 m; — kõrgus üle viimase konstruktiivse kinnituse ei tohi olla suurem kui 3 m; — ristkülikukujulise ristlõikega korstnate eraldiseisev kõrgus üle kõige kõrgema konstruktiivse tugikinnituse ei ületa viiekordset väikseimat välismõõtu. See dokument ei käsitle: — korstnaid, mis teenindavad segu erinevatest ventilaatoriga abistatavate või tõmberõhuga toimivate põletitega või loomuliku tõmbega toimivatest seadmetest, — paigaldusi, mis on teostatud tüüp C2 kujul. MÄRKUS Ruumivälise õhuvarustusega gaasiseadmed on klassifitseeritud kui tüüp C vastavalt standardile EN 1749. Selle dokumendi selles osas kirjeldatud meetodid kehtivad ruumivälise õhuvarustusega põletusseadmete korstnatele ja suitsulõõri ühendustorudele. Selle dokumendi osas 1 kirjeldatud meetodid kehtivad ruumisiseses õhuvarustusega põletusseadmete e korstnatele ja suitsulõõri ühendustorudele.

Keel: et

Alusdokumendid: prEN 15287-2

Kommenteerimise lõppkuupäev: 14.07.2023

prEN IEC 61439-5:2022

Madalpingelised aparaadikoosted. Osa 5: Avalike elektrivõrkude elektrijaotuskoosted

Käesolev dokument määratleb erinõuded avaliku elektrivõrgu jaotuskoostetele (PENDA). Avaliku elektrivõrgu jaotuskoostete (PENDA) kriteeriumid on järgmised: — neid kasutatakse elektrienergia jaotamiseks kolmefaasilistes süsteemides, mille nimipinge ei ületa 1000 V vahelduvvoolu (tüüpilise jaotusvõrgu puhul vt joonis 101) ja alalisvoolusüsteemides, mille alalispinge ei ületa 1500 V; — need on kohtkindlad; — selle standardi järgi ei kuulu nende hulka lahtised koosted; — need sobivad paigaldamiseks kohtadesse, kuhu on ligipääs vaid elektrialaisikutel, kuid välioludes kasutatavaid jaotuskoosteid saab paigaldada ka tavaisikutele ligipääsetavalt. • on ettenähtud kasutamiseks avalikes elektrivõrkudes energia jaotamisel; • siseolude puhul paigaldatakse koosted elektrialajaamadesse; • väliolude puhul kasutatakse koosteid, mille ümbris sobib välitingimustes paigaldamiseks. Selle dokumendi eesmärk on esitada terminid ja määratlused ning täpsustada avaliku elektrivõrgu jaotuskoostete (PENDA) kasutustingimused, ehitusnõuded, tehnilised omadused ja katsetused. Võrgu parameetrid võivad nõuda katsetusi kõrgemal sooritustasemel. Avaliku elektrivõrgu jaotuskoosted (PENDA) võivad sisaldada ka elektrienergia jaotusega seotud juhtimis- ja/või signalisatsiooniseadmeid. MÄRKUS 1 Juhtimis- ja seireseadmeid saab kasutada tarkvõrgu rakendustes või tarkvõrgu andmete edastamisel. See dokument kehtib kõigi avaliku elektrivõrgu jaotuskoostete (PENDA) kohta, olenemata sellest, kas need on projekteeritud, valmistatud ühekordselt või täielikult standardiseeritud ja toodetud hulgi koguses. Tootmist ja/või kokkupanekut võib teostada muul viisil kui algse tootja poolt (vt standardi IEC 61439-1:2020 jaotis 3.10.1). See dokument ei kehti üksikute seadmete ja eraldiseisvate komponentide kohta, nagu mootorikäivimid, sulavkaitse-lülitid, elektroonikaseadmed jne, mis vastavad asjakohastele tootestandarditele. Kui alajaam kuulub avaliku jaotusvõrgu operaatori (DSO) omandisse või haldusesse, kuuluvad trafoalajaamades madalpinge jaotusseadmes kasutatavad avaliku elektrivõrgu jaotuskoosted (PENDA) selle dokumendi reguleerimisalasse. See dokument ei kehti teatud tüüpi koostude kohta, mis on hõlmatud standardi IEC 61439 seeria muude osadega. MÄRKUS 2 Kui jaotuskooste on varustatud lisaseadmetega (nt arvestitega) sellisel viisil, et selle põhifunktsiooni on tunduvalt muudetud, võib kasutaja ja tootja kokkuleppe järgi rakendada ka muid standardeid (vt IEC 61439-1:2011 jaotis 8.5). MÄRKUS 3 Kui kohalikud reeglid ja tavad lubavad, võib sellele standardile vastavat jaotuskoostet (PENDA) kasutada ka mitteavalikes elektrivõrkudes. MÄRKUS 4 Jaotusvõrguettevõtjad saavad oma avaliku elektrivõrgu jaotuskoostetele (PENDA) määrata lisanõudeid.

Keel: et

Alusdokumendid: 121B/155/CDV; prEN IEC 61439-5:2022

Kommenteerimise lõppkuupäev: 14.07.2023

prHD 60364-4-43:2022

Madalpingelised elektripaigaldised. Osa 4-43. Kaitseviisid. Liigvoolukaitse

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

Keel: et

Alusdokumendid: IEC 60364-4-43 ED4; prHD 60364-4-43:2022

Kommenteerimise lõppkuupäev: 14.07.2023

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 12788:2005

Advanced technical ceramics - Mechanical properties of ceramic composites at high temperature under inert atmosphere - Determination of flexural strength

This document specifies the conditions for determination of the flexural strength of ceramic matrix composite materials with continuous fibre reinforcement under three-point or four-point bending for temperatures up to 2000 °C under vacuum or a gas atmosphere which is inert to the material under test.

Keel: en

Alusdokumendid: EN 12788:2005

Tühistamisküsitluse lõppkuupäev: 14.07.2023

EVS-EN 12789:2003

Advanced technical ceramics - Mechanical properties of ceramic composites at high temperature under air at atmospheric pressure - Determination of flexural strength

This European Standard specifies the conditions for determination of the flexural strength of ceramic matrix composite materials with continuous fibre reinforcement under three-point or four-point bending for temperatures up to 1 700 °C in air at atmospheric pressure

Keel: en

Alusdokumendid: EN 12789:2002

Tühistamisküsitluse lõppkuupäev: 14.07.2023

EVS-EN 14375:2016

Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing

This European Standard specifies performance requirements and methods of test for non-reclosable packaging that have been designated child-resistant. This European Standard is intended for type approval only (see 3.5) and is not intended for quality assurance purposes.

Keel: en

Alusdokumendid: EN 14375:2016

Tühistamisküsitluse lõppkuupäev: 14.07.2023

EVS-EN 862:2016

Packaging - Child-resistant packaging - Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products

This European Standard specifies performance requirements and methods of test for non-reclosable packaging that has been designated child-resistant and which is intended to contain non-pharmaceutical products. This European standard is intended for type approval only (2.5) and is not intended for quality assurance purposes. This European Standard applies to non-reclosable packages of the single-use type consisting of one or more individual units. Non-reclosable packages for pharmaceutical products are excluded from the scope of this European standard. These are the subject of a separate standard, EN 14375, Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing.

Keel: en

Alusdokumendid: EN 862:2016

Tühistamisküsitluse lõppkuupäev: 14.07.2023

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](#).

CEN ISO/TS 11665-12:2021

Radioaktiivsuse mõõtmine keskkonnas. Õhk: radoon-222. Osa 12: Difusiooniteguri määramine veekindlates materjalides: kile ühepoolse aktiivsuskontsentratsiooni mõõtmise meetod **Measurement of radioactivity in the environment - Air: radon-222 - Part 12: Determination of the diffusion coefficient in waterproof materials: membrane one-side activity concentration measurement method (ISO/TS 11665-12:2018)**

Selles dokumendis määratakse kindlaks meetod radooni difusiooniteguri hindamiseks sellistes hüdroisolatsioonimaterjalides nagu bituumen või polümeerkiled, pinnakatted või värvid, samuti eeldused ja piiritingimused, mida tuleb katse käigus täita. Selles dokumendis kirjeldatud katsemeetod võimaldab hinnata radooni difusioonitegurit vahemikus 10–5 m²/s kuni 10–12 m²/s[8][9] koos sellega seotud määramatusega 10 % kuni 40 %.

EVS-EN 13501-2:2023

Ehitustoodete ja -elementide tuleohutusala klassifikatsioon. Osa 2: Klassifikatsioon tulepüsivus- ja/või suitsupidavuskatsete alusel, välja arvatud ventilatsioonisüsteemid **Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance and/or smoke control tests, excluding ventilation services**

See dokument määratleb protseduuri asjakohase katsemeetodi otsese kasutusulatusena hõlmatud ehitustoodete ja ehituselementide klassifitseerimiseks tulepüsivuskatsete ja/või suitsulekkekatsete/ suitsupidavuskatsete ja/või mehaaniliste katsete alusel. Selle dokumendi käsitusala kuulub ka katsetulemuste laiendatud kasutusulatusel põhinev klassifikatsioon. Selle dokumendi käsitusala kuuluvad a) tuletõkkefunktsioonita kandvad elemendid: — seinad; — põrandad; — katused; — talad; — postid; — röödud; — käiguteed; — trepid; b) tuletõkkefunktsiooniga kandvad elemendid, klaasinguga või klaasinguta, käitus- ja kinnitustahendid: — seinad; — põrandad; — katused; — tõstetavad põrandad; c) ehitustoodete ja -elementide või nende osade kaitseks ette nähtud tooted ja süsteemid: — tulepüsivusfunktsioonita laed; — tulekaitsevärvid, välisvooderdus ja ekraanid; d) mittekandvad ehitustooted ja -elemendid, klaasinguga või klaasinguta, kasutus- ja kinnitustahendid: — vaheseinad; — fassaadid (rippfassaadid) ja välisseinad; — tulepüsivusega laed; — tõstetavad põrandad; — tuletõkkekomplektid, luugikomplektid ja avatavad aknad ning nende sulgumisseadmed; — suitsutõkkekomplektid ja luugikomplektid ning nende sulgumisseadmed; — konveiersüsteemid ja nende sulguosad; — läbiviigutihendid; — vuugitähend; — kombineeritud läbiviigutihendid; — tehnoüstikud ja -šahid; — siirdeõhuretid; — korstnad; e) tuldtõkestavad seinad ja laekatted; f) sellest dokumendist on välja jäetud liftiüksed, mida on katsetatud standardi EN 81-58 järgi. Liftiüksi, mida on katsetatud vastavuses standardiga EN 1634-1, klassifitseeritakse vastavuses jaotisega 7.5.5. Asjakohased katsemeetodid nende ehitustoodete jaoks on loetletud peatükkides 2 ja 7.

EVS-EN 1729-2:2023

Mööbel. Haridusasutuste toolid ja laud. Osa 2: Ohutusnõuded ja katsemeetodid **Furniture - Chairs and tables for educational institutions - Part 2: Safety requirements and test methods**

See dokument määrab kindlaks haridusasutustes, sealhulgas lasteaedades, lastehoiuasutustes ja alusharidusasutustes üldhariduslikel eesmärkidel kasutatavate toolide ja laudade ohutusnõuded ja katsemeetodid. Standard rakendub mööblile, mis on mõeldud kasutamiseks sülearvutitega või portatiivsete seadmetega, kuid mitte spetsiaalsuunitlusega töökohtadele, nagu näiteks laborid, ridaistmed ja töökojad. Selle dokumendi rakendatavatele nõuetele vastavad toolid sobivad kuni 110 kg kaaluvatele kasutajatele. Joonised illustreerivad ainult katsete põhimõtet ja neid ei saa kasutada katsete sooritamiseks. MÄRKUS EN 1729-1 määrab kindlaks üldhariduslikel eesmärkidel kasutatavate toolide ja laudade funktsionaalmõõtmised ja märgistuse. Lisa A (teatmelisa) annab katsemeetodi lauaplaadile paigaldatud toolide paigalt nihkumise määramiseks.

EVS-EN 17522:2023

Täidetud soojuspuuraukude projekteerimine ja ehitus **Design and construction of backfilled and grouted borehole heat exchangers**

See dokument hõlmab maasoojussüsteemides kasutatavate täidetud soojuspuuraukude geoloogiliste ja keskkonnaaspektide, projekteerimise, ehitamise, käitamise, seire, hoolduse ja kasutusest eemaldamise standardimist. See dokument kehtib ainult täidetud soojuspuuraukude kohta, see ei kehti põhjaveega täidetud puuraukude kohta. Otsepaismise ja termilise sifooni tehnikad on sellest dokumendist välja jäetud.

ISO/TS 11665-13:2017 et

**Radioaktiivsuse mõõtmine keskkonnas. Õhk: radoon-222. Osa 13: Difusiooniteguri määramine veekindlates materjalides: kile kahepoolne aktiivsuskontsentratsiooni katsemeetod
Measurement of radioactivity in the environment -- Air: radon 222 -- Part 13: Determination of the diffusion coefficient in waterproof materials: membrane two-side activity concentration test method (ISO/TS 11665-13:2017)**

Selles dokumendis määratakse kindlaks eri meetodid radooni difusiooniteguri hindamiseks sellistes hüdroisolatsioonimaterjalides nagu bituumen või polümeersed kiled, pinnakatted või värvid, samuti eeldused ja piirtingimused, mida tuleb katse käigus järgida. See dokument pole kohaldatav poorsetele materjalidele, mille puhul sõltub radooni difusioon poorsusest ja niiskusesisaldusest.

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.

UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN ISO/TS 11665-12:2021	Measurement of radioactivity in the environment - Air: radon-222 - Part 12: Determination of the diffusion coefficient in waterproof materials: membrane one-side activity concentration measurement method (ISO/TS 11665-12:2018)	Radioaktiivsuse mõõtmine keskkonnas. Õhk: radoon-222. Osa 12: Difusiooniteguri määramine veekindlates materjalides: kile ühepoolse aktiivsuskontsentratsiooni mõõtmise meetod
EVS-EN 17522:2023	Design and construction of backfilled and grouted borehole heat exchangers	Täidetud soojuspuuraukude projekteerimine ja ehitus

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 standardimisetepaneku alusel Euroopa standardimisorganisatsioonide koostatud ja vastu võetud standardid.

Harmoneeritud standardite kasutamise korral eeldatakse, et standardi kohaselt valmistatud toode täidab õigusakti olulisi nõudeid, mis on nende standarditega hõlmatud, 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 sellest tulenevalt 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 2019/904 Plasttoodete keskkonnamõju vähendamine (Rakendusotsus (EL) 2023/1060, EL Teataja L142, 1. juuni 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 Märkus 1
EVS-EN 17665:2022+A1:2023 Pakend. Katsemeetodid ja nõuded, mis näitavad, et plastkorgid ja -kaaned jäävad pärast avamist joogipakendi külge kinnitatuks	01.06.2023		