

EVS

TEATAJA

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Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 17877:2023

Dynamic mixers and agitators - Definitions and hydraulic characterizations

This document defines the terms and definitions relating to the field of dynamic mixing and agitation. It covers the hydraulic characteristics of mixers and agitators. It is intended to contribute to mutual understanding of the various stakeholders in a mixing or agitation project: manufacturers, users, integrators, inspection agencies, etc. This document is applicable to mixing and agitation systems where there is at least one dominant liquid phase. It does not apply to: - static mixers; - kneaders; - submersible mixers covered by ISO 21630; - aerators; - pumps. Annex A lists the definitions in alphabetical order.

Keel: en

Alusdokumendid: EN 17877:2023

EVS-EN 9300-120:2023

Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D CAD and PDM data - Part 120: CAD 3D explicit geometry with graphic product and manufacturing information

1.1 Introduction This document defines the requirements for the long term digital preservation of the presentation of Product and Manufacturing Information (PMI) with their possible links to the 3D explicit shape and geometry of single CAD parts. The goal is to preserve this 3D information with respect to the geometry and related PMI produced by the original CAD system, following the principles laid down in EN 9300 003 "Fundamentals and Concepts". The requirements of EN 9300 110 "CAD mechanical 3D explicit geometry information" about the preservation of the 3D explicit shape shall apply within this document. The meaning of terms "Presentation" and "Representation", defined in the EN 9300 100 "Common concepts for Long term archiving and retrieval of CAD 3D mechanical information" is required to understand this EN 9300 document. 1.2 In scope The following outlines the total scope of this document: - the Presentation of 3D geometrical dimension and tolerance, and 3D annotation attributes; - their possible semantic links with 3D Geometric shape; - User Defined Attributes: that are assigned to 3D geometric entities or at the part level. For the purpose of this document, the semantic definition is at the level that supports associative "Cross-highlighting", to illustrate the portion of the geometry to which a PMI element applies. In this version, the technology used to preserve this 3D information is based on polyline and tessellated presentation. Polyline presentation is a conversion to lines and curves of all 3D annotations by the STEP interfaces of the CAD system, including validation properties. Tessellated presentation is a conversion to tessellated curves and tessellated faces. The main use cases are the Certification and Product Liability of static information, however, re-use is also possible after the deletion of previous PMI and creation of new PMI (refer to clause 3 for definition). 1.3 Out of scope The following is outside the scope: - machine-interpretable PMI "Representation"; - how to preserve additional information: - - property rights; - -form features; - -machining features; - CAD Assemblies.

Keel: en

Alusdokumendid: EN 9300-120:2023

EVS-EN 9300-121:2023

Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D CAD and PDM data - Part 121: Semantic representation of CAD 3D Explicit Geometry with Product and Manufacturing Information

1.1 Introduction This document defines the requirements for the long term digital preservation of the Semantic Representation of Product and Manufacturing Information (PMI) with their possible links to the 3D explicit shape and geometry of single CAD parts. The goal is to preserve this 3D information, without loss, with respect to the geometry produced by the original CAD system, following the principles laid down in EN 9300 003 "Fundamentals and Concepts". The requirements of EN 9300 110 concerning the preservation of the 3D explicit shape shall apply within this Part. The term "semantic representation" is defined in Clause 3 "Terms, definitions and abbreviations". 1.2 In scope The following outlines the total scope of EN 9300 121: - machine-interpretable PMI "Semantic Representation" (Refer to clause 3 for definition); - the association of the above with 3D geometric shapes; - the possible association of the above with Presentation of 3D Product and Manufacturing Information (PMI), and 3D annotations as defined in EN 9300 120. In EN 9300 121, the technology used to preserve this 3D information is based on semantic representation. The main use cases are Certification, Product Liability and Design re-use. For the purpose of this document, the semantic definition is at the level that supports associative "Cross-highlighting" for the purpose of human readability. 1.3 Out of scope The following is outside the scope: - PMI presentation (defined in EN 9300 120); - User defined attributes that are assigned to 3D geometric entities or at the part level. The archiving of the UDA is defined in EN 9300 120. - How to preserve additional information: - - property rights; - - form features; - - CAD Assemblies. - The semantics of special Notes outside the scope of PMI: ITAR/EAR, proprietary, and title block information, etc.

Keel: en

Alusdokumendid: EN 9300-121:2023

EVS-EN 9300-125:2023

Aerospace series - LOTAR - LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 125: Explicit CAD assembly structure with Graphic Product and Manufacturing Information (PMI)

1.1 Introduction This document defines the requirements for the long-term digital preservation of the presentation of Product and Manufacturing Information (PMI) with their possible links to the 3D explicit shape and geometry of CAD assembly structure. The goal is to preserve this 3D information, without loss, with respect to the geometry produced by the original CAD system, following the principles laid down in EN 9300 003 "Fundamentals and Concepts". This will allow the retrieval of the assembly structure including the placement information. This standard extends EN 9300-115 "Explicit CAD Assembly Structure" by including assembly level PMI. PMI for the assembly structure can be recorded in the same file as the geometry, can be in a nested assembly structure or the PMI will be contained in its own separate file (Side-Car). The PMI elements shall be presented on the graphic level only (i.e. polyline, tessellated). 1.2 Out of scope The following is outside the scope: - The archiving of assembly Form Features. - Semantic PMI representation is out of scope for this document. - The geometry defined at assembly level is out of scope for this document. (This document covers PMI at the assembly level only.)

Keel: en

Alusdokumendid: EN 9300-125:2023

EVS-ISO 2789:2023

Informatsioon ja dokumentatsioon. Rahvusvaheline raamatukogustatistika Information and documentation - International library statistics (ISO 2789:2022, identical)

See dokument sisaldab reegleid raamatukogu- ja infoteenuste osutajatele statistika kogumiseks ja esitamiseks, selleks et — esitada andmeid rahvusvaheliseks aruandluseks; — tagada riikidevaheline vastavus nende statistiliste näitajate puhul, mida raamatukogude juhid sageli kasutavad, ent mida rahvusvahelised aruanded ei hõlma; — edendada head tava kasutada statistikat raamatukogu- ja infoteenuste korraldamisel.

Keel: en, et

Alusdokumendid: ISO 2789:2022

Asendab dokumenti: EVS-ISO 2789:2014

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

EVS-EN 9101:2023

Aerospace series - Quality management systems - Requirements for conducting audits of aviation, space, and defence quality management Systems

1.1 General This document defines requirements for the preparation and execution of the audit process. In addition, it defines the content and composition for the audit reporting of conformity and process effectiveness to the EN 9100-series standards, the organization's QMS documentation, and customer and statutory/regulatory requirements. The requirements in this document are additions or represent changes to the requirements and guidelines in the standards for conformity assessment, auditing, and certification as published by ISO/IEC (i.e. ISO/IEC 17000:2020, ISO/IEC 17021 1). When there is conflict with these standards, the requirements of this document take precedence. NOTE 1 In this document, the term "EN 9100-series standards" comprises the EN 9100, EN 9110, and EN 9120 standards; developed by the IAQG and published by various national standards bodies. NOTE 2 In addition to this document, the IAQG publishes deployment support material on the IAQG website (see <http://www.iaqg.org>) that can be used by audit teams, when executing the audit process. 1.2 Application This document is intended to be used for audits of EN 9100-series standards by Certification Bodies (CBs) for certification of organizations, under the auspices of the ASD industry certification scheme [also known as the Industry Controlled Other Party (ICOP) scheme]. The ICOP scheme requirements are defined in the EN 9104-series standards (i.e. FprEN 9104-1, prEN 9104-2, EN 9104 3). NOTE Relevant parts of this document can also be used by an organization in support of internal audits (1st party) and external audits at suppliers (2nd party).

Keel: en

Alusdokumendid: EN 9101:2023

Asendab dokumenti: EVS-EN 9101:2018

EVS-EN 9103:2023

Aerospace series - Quality management systems - Variation management of key characteristics

1.1 General This document is primarily intended to apply to new parts and products intended to be produced in an on-going production phase but can also be applied to parts currently in production (e.g., manufacturing, maintenance). This document is applicable to all production processes that influence the variation of KCs, as well as maintenance and service processes in which KCs are identified. It applies to organizations for assemblies and all levels of parts within an assembly, down to the basic materials including castings and forgings, and to organizations that are responsible for producing the design characteristics of the product. The variation control process begins with product definition, typically stated in the design documentation (e.g., digital model, engineering drawing, specification) which identifies KCs, and leads to a variation management process for those KCs. This process may also be used for producer-identified KCs (e.g., process KCs, additional/substitute product KCs). Producers and their subcontractors are responsible for flow down of the standard requirements to those external providers, who produce design characteristics and provide production and service provisions, to ensure that KCs conform to the customer's requirements. 1.2 Purpose This document is designed to drive the improvement of manufacturing and maintenance processes through adequate planning and effective management of KC variation. This focus is intended to improve uniformity (less variation or minimum variation of product KCs) and acceptance probability of the end-product. NOTE Control of a product or process KC per this

document does not constitute, nor imply acceptance of the resulting product. If variation management, under this document, is to be part of an acceptance decision, the requirements need to be specified in the applicable product acceptance plan or contract. 1.3 Convention The following conventions are used in this document: - "shall" indicates a requirement; - "should" indicates a recommendation; - "may" indicates a permission; and - "can" indicates a possibility or a capability.

Keel: en

Alusdokumendid: EN 9103:2023

Asendab dokumenti: EVS-EN 9103:2015

Asendab dokumenti: EVS-EN 9103:2015/AC:2015

11 TERVISEHOOLDUS

EVS-EN 17846:2023

Chemical disinfectants and antiseptics - Quantitative test method for the evaluation of sporicidal activity against *Clostridioides difficile* on non-porous surfaces with mechanical action employing wipes in the medical area (4-field test) - Test method and requirements (phase 2, step 2)

requirements for sporicidal activity against spores of *Clostridioides difficile* of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water. This document is applicable to products that are used in the medical area for disinfecting non-porous surfaces including surfaces of medical devices by wiping - regardless if they are covered by the 93/42/EEC Directive on Medical Devices or not. Due to the new methods of application of surface disinfectants like pre-impregnated wipes this document was established to cover the different application method. The document is applicable for four method of application of products for wiping and/or mopping: a) soaking any non-specified wipe or mop with product; b) spraying the product on any non-specified wipe and / or mop or a specified wipe or mop. c) impregnation of specified wipes or mops by the user with the product according to the manufacturer's recommendation; d) pre-impregnation of specified wipes or mops by the manufacturer as ready-to-use wipes or mops. In all types of application the water control has to be done with the standard wipe [5.3.2.17 a)], because it is a process or method control. This document does not apply to products that are sprayed on or flooding surfaces, then left until the contact application phase 2, step 2 standards without mechanical action should be used and their methods performed. The test surface (5.3.2.16) was selected as standard surface and should cover all non-porous surfaces. It was not intended to cover the influence of each different surface. This document is applicable to areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example: - in hospitals, in community medical facilities and in dental institutions; - in clinics of schools, of kindergartens and of nursing homes; and may occur in the workplace and in the home. It may also include services such as laundries and kitchens supplying products directly for the patients. NOTE This method corresponds to a phase 2, step 2 test. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

Keel: en

Alusdokumendid: EN 17846:2023

EVS-EN ISO 10524-1:2019/A1:2023

Meditiiniliste gaaside rõhu regulaatorid. Osa 1: Rõhuregulaatorid ja gaasivoolu mõõteseadmega rõhuregulaatorid Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow-metering devices - Amendment 1 (ISO 10524-1:2018/Amd 1:2023)

Amendment to EN ISO 10524-1:2019

Keel: en

Alusdokumendid: ISO 10524-1:2018/Amd 1:2023; EN ISO 10524-1:2019/A1:2023

Muudab dokumenti: EVS-EN ISO 10524-1:2019

EVS-EN ISO 10524-1:2019+A1:2023

Meditiiniliste gaaside rõhu regulaatorid. Osa 1: Rõhuregulaatorid ja gaasivoolu mõõteseadmega rõhuregulaatorid Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow-metering devices (ISO 10524-1:2018 + ISO 10524-1:2018/Amd 1:2023)

This document specifies the design, construction, type testing, and marking requirements for PRESSURE REGULATORS (as defined in 3.18) intended for the administration of medical gases and their mixtures in the treatment, management, diagnostic evaluation and care of patients or for gases used for driving surgical tools. Examples of gases include oxygen, medical air and oxygen/nitrous oxide mixtures. This document applies to PRESSURE REGULATORS: a) intended to be connected to cylinders by the operator; b) with integral flow-metering devices intended to be connected to cylinders by the operator; c) that are an integral part of medical equipment (e.g. anaesthetic workstations, lung ventilators, resuscitators). A PRESSURE REGULATOR can be provided with PRESSURE OUTLET or FLOW OUTLET, and can be adjustable or pre-set. PRESSURE REGULATORS are intended to be fitted to refillable cylinders with a WORKING PRESSURE up to 30 000 kPa (300 bar) and can be provided with devices which control and measure the flow of the medical gas delivered.

Keel: en

Alusdokumendid: ISO 10524-1:2018; EN ISO 10524-1:2019; ISO 10524-1:2018/Amd 1:2023; EN ISO 10524-1:2019/A1:2023

Konsolideerib dokumenti: EVS-EN ISO 10524-1:2019

Konsolideerib dokumenti: EVS-EN ISO 10524-1:2019/A1:2023

EVS-EN ISO 11607-1:2020+A11+A1:2023

Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 1: Nõuded materjalile, steriilsele barjäärile ja pakendusele

Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging systems (ISO 11607-1:2019 + ISO 11607-1:2019/Amd 1:2023)

This document specifies requirements and test methods for materials, preformed sterile barrier systems, sterile barrier systems and packaging systems that are intended to maintain sterility of terminally sterilized medical devices until the point of use. It does not cover all requirements for sterile barrier systems and packaging systems for medical devices that are manufactured aseptically. Additional requirements can be necessary for drug/device combinations. It does not describe a quality assurance system for control of all stages of manufacture. It does not apply to packaging materials and/or systems used to contain a contaminated medical device during transportation of the item to the site of reprocessing or disposal.

Keel: en

Alusdokumendid: ISO 11607-1:2019; EN ISO 11607-1:2020; EN ISO 11607-1:2020/A11:2022; EN ISO 11607-1:2020/A1:2023; ISO 11607-1:2019/Amd 1:2023

Konsolideerib dokumenti: EVS-EN ISO 11607-1:2020

Konsolideerib dokumenti: EVS-EN ISO 11607-1:2020/A1:2023

Konsolideerib dokumenti: EVS-EN ISO 11607-1:2020/A11:2022

Konsolideerib dokumenti: EVS-EN ISO 11607-1:2020+A11:2022

EVS-EN ISO 11607-2:2020+A11+A1:2023

Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 2: Valideerimisnõuded vormimis-, hermetiseerimis- ja koosteprotsessile

Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes (ISO 11607-2:2019 + ISO 11607-2:2019/Amd 1:2023)

This document specifies requirements for the development and validation of processes for packaging medical devices that are terminally sterilized. These processes include forming, sealing and assembly of preformed sterile barrier systems, sterile barrier systems and packaging systems. It does not cover all requirements for packaging medical devices that are manufactured aseptically. Additional requirements can be necessary for drug/device combinations.

Keel: en

Alusdokumendid: ISO 11607-2:2019; EN ISO 11607-2:2020; EN ISO 11607-2:2020/A11:2022; EN ISO 11607-2:2020/A1:2023; ISO 11607-2:2019/Amd 1:2023

Konsolideerib dokumenti: EVS-EN ISO 11607-2:2020

Konsolideerib dokumenti: EVS-EN ISO 11607-2:2020/A1:2023

Konsolideerib dokumenti: EVS-EN ISO 11607-2:2020/A11:2022

Konsolideerib dokumenti: EVS-EN ISO 11607-2:2020+A11:2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 17985:2023

Construction products: Assessment of release of dangerous substances - Methods for the determination of N-nitrosamines in air samples derived by EN 16516

This document describes a test procedure for sampling, elution, detection, and quantification of N-nitrosamines in air samples derived from a test chamber according to EN 16516:2017+A1:2020. The following N-nitrosamines are covered: - Nitrosodimethylamine, CAS No. 62-75-9, - N-Nitrosomethylethylamine, CAS No. 10595-95-6, - N-Nitrosodiethylamine, CAS No. 55-18-5, - N-Nitrosodipropylamine, CAS No. 621-64-7, - N-Nitrosodiisopropylamine, CAS No. 601-77-4, - N-Nitrosodibutylamine, CAS No. 924-16-3, - N-Nitrosopiperidine, CAS No. 100-75-4, - N-Nitrosopyrrolidine, CAS No. 930-55-2 and - N-Nitrosomorpholine, CAS No. 59-89-2.

Keel: en

Alusdokumendid: CEN/TS 17985:2023

CWA 17938:2023

Guideline for introducing and implementing real-time instrumental-based tools for biomechanical risk assessment

This document defines a guideline for establishing and executing an instrumental-based approach for data collection regarding human load during the execution of MMH activities, both with and without HRC technologies support. The guideline describes all necessary requirements and procedures to be used for recording and monitoring data leading to a quantitative risk assessment. This document focuses on performing an assessment of the biomechanical risk in real-time. This is applicable for simple work activities such as lifting heavy loads, pushing and pulling, overhead work and repetitive movements and exertions of the upper limbs. Any task requiring the application of force by a person to lift, lower, push, pull, hold, or restrain something is referred to as a simple manual handling work activity. This document is not applicable to a real-time risk assessment for multiple work activities because a "post-processing" phase of the acquired signals is needed. Multiple work activities are defined as such when workers rotate between a series of slots, tasks or elements at set time intervals during the course of a work shift or when workers are involved in different types of activities (e.g. lifting, lowering, carrying, pushing, etc). Multiple work activities determine an additive effect of different tasks performed in an eight-hour day. As these approaches have a considerable technical and computational complexity in their structure, the document defines the materials and procedures to be used to perform a proper and simply real-time or off-line instrumental-based biomechanical risk assessment. The performed assessment represents only an estimation to show the potential of monitoring human loads by the developed approaches. This document gives guidance to perform a

biomechanical risk assessment by the monitoring of occupational activities directly at the workplace in the real work environment. It does not apply to laboratory work in simulated settings, and it is applicable for direct evaluations and for rating standard methods for biomechanical risk assessment. The instrumental-based tools use a new generation of wearable sensors and machine learning algorithms to detect the biomechanical risk levels currently indicated by some of the methods listed within the ISO 11228 series, ISO 11226 and the technical report ISO/TR 12295 and the EN 1005 series. The performed assessment represents only an estimation to show the potential of monitoring human loads by the developed approaches. This document specifies limit values for assessing biomechanical risk which could be included in following standardization activities. This document can be applied by all individuals who work in the field of occupational health and safety, particularly those involved in the prevention of WMDs through proper biomechanical risk assessment, ergonomic intervention planning, and effectiveness evaluation. The guidelines in the document may be useful to and applied by professionals such as occupational health and safety technicians, ergonomists, and occupational physicians. In addition, it could be used by members of technical committees involved in writing and/or modifying ergonomic standards. This document does not define ethical and worker acceptance considerations.

Keel: en

Alusdokumendid: CWA 17938:2023

EVS-EN IEC 60335-2-2:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veememis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

This European Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: IEC 60335-2-2:2019; EN IEC 60335-2-2:2023

Asendab dokumenti: EVS-EN 60335-2-2:2010

Asendab dokumenti: EVS-EN 60335-2-2:2010/A1:2013

Asendab dokumenti: EVS-EN 60335-2-2:2010/A11:2012

EVS-EN IEC 60335-2-2:2023/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veememis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

This European Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: EN IEC 60335-2-2:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-2:2023

EVS-EN IEC 60335-2-7:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele

Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machine

This European Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: IEC 60335-2-7:2019; EN IEC 60335-2-7:2023

Asendab dokumenti: EVS-EN 60335-2-7:2010

Asendab dokumenti: EVS-EN 60335-2-7:2010/A1:2013

Asendab dokumenti: EVS-EN 60335-2-7:2010/A11:2013

Asendab dokumenti: EVS-EN 60335-2-7:2010/A2:2019

EVS-EN IEC 60335-2-7:2023/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele

Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

This European Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: EN IEC 60335-2-7:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-7:2023

EVS-EN 17690-1:2023**Components for BAC Control Loop - Sensors - Part 1: Room temperature sensors**

This document specifies requirements and test methods for room temperature sensors used to control the room temperature. This document is applicable to wall mounted and flush mounted room temperature sensors. The following aspects are not covered by this document: - pendulum temperature sensors; - ceiling mounted temperature sensor; - extract air temperature sensors. NOTE The measured value available at the output of the sensor is influenced by the place where the sensor device is located and factors such as air velocity, wall temperature, self/waste heating of the device and the air temperature. The perceived temperature, which is important for the well-being of a person, depends among other factors on air temperature, temperature of the surrounding walls and air flow rate as indicated in EN ISO 7730. The temperature sensor element can be combined with other sensors in one device. This document only deals with the room temperature sensing of this devices. Other sensors are not covered except of their influence on the room temperature sensing (e.g. self-heating). This document specifies sensor characteristics contributing to the determination of the control accuracy of individual zone controller according to EN 15500 1.

Keel: en

Alusdokumendid: EN 17690-1:2023

EVS-EN IEC 60704-2-13:2023**Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for cooking fume extractors**

IEC 60704-2-13:2023 applies to cooking fume extractors for household and similar use intended for filtering the air of a room or for exhausting the air out of a room, including their accessories and their component parts. It also applies to cooking fume extractors where the fan is mounted separately from the appliance inside or outside of the room where the appliance is located, but controlled by the appliance when the fan is defined in the technical documentation. This document deals also with down-draft systems that are arranged beside, behind or under the cooking appliance. Measurements carried out in accordance with this document determine the noise emission into the room, from which cooking fumes are extracted. Noise emission to the outside (e.g. through air ducts) are not considered. This fourth edition cancels and replaces the third edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with IEC 61591:2023; b) change of title, scope and definitions 3.103 and 3.104: this document deals with cooking fume extractors (this covers range hoods and down-draft systems); c) exhaust pipe of down-draft systems specified; d) built-in range hoods in recirculation mode with an air outlet device specified; e) alignment with IEC 60704-1:2021. This document is to be used in conjunction with IEC 60704-1:2021.

Keel: en

Alusdokumendid: IEC 60704-2-13:2023; EN IEC 60704-2-13:2023

Asendab dokumenti: EVS-EN 60704-2-13:2017

EVS-EN IEC 62056-5-3:2023**Electricity metering data exchange - The DLMS®/COSEM suite - Part 5-3: DLMS®/COSEM application layer**

This part of IEC 62056 specifies the DLMS®/COSEM application layer in terms of structure, services and protocols for DLMS®/COSEM clients and servers, and defines rules to specify the DLMS®/COSEM communication profiles. It defines services for establishing and releasing application associations, and data communication services for accessing the methods and attributes of COSEM interface objects, defined in IEC 62056-6-2:2021 using either logical name (LN) or short name (SN) referencing. Annex A (normative) defines how to use the COSEM application layer in various communication profiles. It specifies how various communication profiles can be constructed for exchanging data with metering equipment using the COSEM interface model, and what are the necessary elements to specify in each communication profile. The actual, media-specific communication profiles are specified in separate parts of the IEC 62056 series. Annex B (normative) specifies the SMS short wrapper. Annex C (normative) specifies the gateway protocol. Annex D, Annex E and Annex F (informative) include encoding examples for APDUs. Annex G (normative) provides NSA Suite B elliptic curves and domain parameters. Annex H (informative) provides an example of an End entity signature certificate using P-256 signed with P-256. Annex I (normative) specifies the use of key agreement schemes in DLMS®/COSEM. Annex J (informative) provides examples of exchanging protected xDLMS APDUs between a third party and a server. Annex K (informative) lists the main technical changes in this edition of the standard.

Keel: en

Alusdokumendid: IEC 62056-5-3:2023; EN IEC 62056-5-3:2023

Asendab dokumenti: EVS-EN 62056-5-3:2017

EVS-EN IEC 62056-6-2:2023**Electricity metering data exchange - The DLMS®/COSEM suite - Part 6-2: COSEM interface classes**

This part of IEC 62056 specifies a model of a meter as it is seen through its communication interface(s). Generic building blocks are defined using object-oriented methods, in the form of interface classes to model meters from simple up to very complex functionality. Annexes A to F (informative) provide additional information related to some interface classes.

Keel: en

Alusdokumendid: IEC 62056-6-2:2023; EN IEC 62056-6-2:2023

Asendab dokumenti: EVS-EN IEC 62056-6-2:2018

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 3506-5:2023

Fasteners - Mechanical properties of corrosion-resistant stainless steel fasteners - Part 5: Special fasteners (also including fasteners from nickel alloys) for high temperature applications (ISO 3506-5:2022)

This document specifies the mechanical and physical properties of bolts, screws, studs and nuts, with coarse pitch thread and fine pitch thread, made of corrosion-resistant stainless steels (i.e. martensitic stainless steels and precipitation hardening austenitic stainless steels) and nickel alloys, intended for use at high temperatures up to 800 °C

Keel: en

Alusdokumendid: ISO 3506-5:2022; EN ISO 3506-5:2023

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 17670-2:2023

Plastics piping systems for non-pressure underground conveyance of surface water - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Specification for road gullies

This document specifies the definitions and requirements for unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) road gullies intended for use in non-pressure underground drains and sewers for surface water having a maximum depth of 4 m from ground level to the lowest point of the internal surface of the road gully. Road gullies complying with this document are intended to be used in pedestrian or vehicular traffic areas outside the building structure. NOTE 1 Products complying with this document can also be used in non-traffic areas. NOTE 2 Road gullies can be subject to national regulation which limit the maximum installation depth and / or local provisions. The installer checks for compliance prior to installation. Road gullies complying with this document are made from a prescribed set of components that are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) and assembled together. Road gullies complying with this document may be equipped with optional devices (e.g. removable sand or silt bucket, leaf separator etc.), however the performance of these optional devices is not covered within the scope of this document. Road gully components can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, low-pressure moulding, blow moulding, thermoforming or fabricated. NOTE 3 Products complying with this document can be installed in underground applications without additional static calculation. NOTE 4 The complete road gully assembly can also include non-plastic items (near surface or surface components for example) which are not covered by this document. NOTE 5 The complete road gully assembly can be supplied with covers, frame covers and gratings complying with the relevant part of EN 124 which are not covered by this document. However, reference is made to this document for geometrical characteristics where applicable. NOTE 6 Road gullies can be site assembled from different components, but can also be manufactured as a single unit. This document covers: - road gullies with or without sand / silt trap; - road gullies with or without water seal preventing odour release; - road gullies where the traffic load will or will not be carried by the complete gully (resp. "Direct loaded gullies" or "Indirect loaded gullies").

Keel: en

Alusdokumendid: EN 17670-2:2023

EVS-EN 17877:2023

Dynamic mixers and agitators - Definitions and hydraulic characterizations

This document defines the terms and definitions relating to the field of dynamic mixing and agitation. It covers the hydraulic characteristics of mixers and agitators. It is intended to contribute to mutual understanding of the various stakeholders in a mixing or agitation project: manufacturers, users, integrators, inspection agencies, etc. This document is applicable to mixing and agitation systems where there is at least one dominant liquid phase. It does not apply to: - static mixers; - kneaders; - submersible mixers covered by ISO 21630; - aerators; - pumps. Annex A lists the definitions in alphabetical order.

Keel: en

Alusdokumendid: EN 17877:2023

EVS-EN IEC 60335-2-51:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele

Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

This European Standard deals with the safety of electric stationary circulation pumps for household and similar purposes intended for use in heating systems or in service water systems, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: EN EN IEC 60335-2-51:2023; IEC 60335-2-51:2019

Asendab dokumenti: EVS-EN 60335-2-51:2003

Asendab dokumenti: EVS-EN 60335-2-51:2003/A1:2008

Asendab dokumenti: EVS-EN 60335-2-51:2003/A2:2012

[EVS-EN IEC 60335-2-51:2023/A11:2023](#)

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele **Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations**

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Keel: en

Alusdokumendid: EN IEC 60335-2-51:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-51:2023

25 TOOTMISTEHNOLOGIA

[EVS-EN IEC 60974-1:2022/A12:2023](#)

Kaarkeevitusseadmed. Osa 1: Keevitamise vooluallikad **Arc welding equipment - Part 1: Welding power sources**

Amendment to EN IEC 60974-1:2022

Keel: en

Alusdokumendid: EN IEC 60974-1:2022/A12:2023

Muudab dokumenti: EVS-EN IEC 60974-1:2022

Muudab dokumenti: EVS-EN IEC 60974-1:2022+A11:2022

[EVS-EN ISO 14919:2023](#)

Thermal spraying - Wires, rods and cords for flame and arc spraying - Classification and technical supply conditions (ISO 14919:2023)

This document specifies requirements for classification of metal and non-metal wires (solid and cored), rods, cords processed by means of thermal spraying, especially by arc and flame spraying.

Keel: en

Alusdokumendid: ISO 14919:2023; EN ISO 14919:2023

Asendab dokumenti: EVS-EN ISO 14919:2015

[EVS-EN ISO/ASTM 52935:2023](#)

Additive manufacturing of metals - Qualification principles - Qualification of coordination personnel (ISO/ASTM 52935:2023)

This document specifies qualification requirements for coordination personnel in industrial manufacturing sites responsible for additive manufacturing of metal parts. This document is applicable to all metallic processes that are described by ISO 17296-2. In this context, the skills, tasks and responsibilities for different levels of AM coordination personnel are typically adapted according to the applicable regulations, depending on the process. This document is intended to provide guidance and requirements for the qualification of coordination personnel in general-industrial applications. Additional requirements are typically needed for specific industries or applications (e.g. aerospace, medical) or to meet regulatory requirements.

Keel: en

Alusdokumendid: ISO/ASTM 52935:2023; EN ISO/ASTM 52935:2023

29 ELEKTROTEHNIKA

[EVS-EN 50549-1:2019/A1:2023](#)

Nõuded jaotusvõrkudega paralleelselt ühendatud tootmisüksustele. Osa 1: Ühendus madalpingejaotusvõrguga. Tootmisüksused kuni tüübini B (kaasa arvatud) **Requirements for generating plants to be connected in parallel with distribution networks - Part 1: Connection to a LV distribution network - Generating plants up to and including Type B**

This document specifies the technical requirements for the protection functions and the operational capabilities for generating plants, intended to operate in parallel with LV distribution networks. For practical reasons this document refers to the responsible party where requirements have to be defined by an actor other than the DSO e.g. TSO, member state, regulatory authorities according to the legal framework. Typically the DSO will inform the producer about these requirements.

Keel: en

Alusdokumendid: EN 50549-1:2019/A1:2023

Muudab dokumenti: EVS-EN 50549-1:2019

[EVS-EN 50549-2:2019/A1:2023](#)

Nõuded jaotusvõrkudega paralleelselt ühendatud tootmisüksustele. Osa 2: Ühendus keskpingejaotusvõrguga. Tootmisüksused kuni tüübini B (kaasa arvatud)

Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B

This document specifies the technical requirements for the protection functions and the operational capabilities for generating plants, intended to operate in parallel with LV distribution networks. For practical reasons this document refers to the responsible party where requirements have to be defined by an actor other than the DSO e.g. TSO, member state, regulatory authorities according to the legal framework. Typically the DSO will inform the producer about these requirements.

Keel: en

Alusdokumendid: EN 50549-2:2019/A1:2023

Muudab dokumenti: EVS-EN 50549-2:2019

[EVS-EN 50655-1:2023](#)

Electric cables - Accessories - Material characterization - Part 1: Fingerprinting for resinous compounds

This document specifies the test methods and requirements of tests for fingerprinting (as defined in 3.9) of solvent-free polymerizable, reacting resinous compound intended to be used for electrical insulation and/or mechanical protection in cable accessories covered by EN 50393, HD 629.1 and HD 629.2, for low and medium voltage up to 20,8/36 (42) kV. Fingerprinting testing of materials does not have a mandatory link to type testing of accessories. It is regarded as stand-alone tests, but it can be carried out in combination with the accessory type tests. NOTE Information on health and safety is given in Annex A.

Keel: en

Alusdokumendid: EN 50655-1:2023

Asendab dokumenti: EVS-EN 50655-1:2017

[EVS-EN IEC 60691:2023](#)

Soojuslingid. Nõuded ja rakendusjuhised

Thermal-links - Requirements and application guide

IEC 60691:2023 is applicable to thermal-links intended for incorporation in electrical appliances, electronic equipment and component parts thereof, normally intended for use indoors, in order to protect them against excessive temperatures under abnormal conditions. NOTE 1 The equipment is not designed to generate heat. NOTE 2 The effectiveness of the protection against excessive temperatures logically depends upon the position and method of mounting of the thermal-link, as well as upon the current which it is carrying. This document may be applicable to thermal-links for use under conditions other than indoors, provided that the climatic and other circumstances in the immediate surroundings of such thermal-links are comparable with those in this standard. This document may be applicable to thermal-links in their simplest forms (e.g. melting strips or wires), provided that molten materials expelled during function cannot adversely interfere with the safe use of the equipment, especially in the case of hand-held or portable equipment, irrespective of its position.

Keel: en

Alusdokumendid: IEC 60691:2023; EN IEC 60691:2023

Asendab dokumenti: EVS-EN 60691:2016

Asendab dokumenti: EVS-EN 60691:2016/A1:2019

[EVS-EN IEC 60799:2021/A1:2023](#)

Elektritarvikud. Juhtmekimbud ja vaheühendus-juhtmekimbud

Electrical accessories - Cord sets and interconnection cord sets

Amendment to EN IEC 60799:2021

Keel: en

Alusdokumendid: IEC 60799:2018/AMD1:2022; EN IEC 60799:2021/A1:2023

Muudab dokumenti: EVS-EN IEC 60799:2021

[EVS-EN IEC 61936-2:2023](#)

Power installations exceeding 1 kV AC and 1,5 kV DC - Part 2: DC

This part of IEC 61936 provides, in a convenient form, requirements for the design and the erection of DC installations in systems with nominal voltages above 1,5 kV DC, so as to provide safety and proper functioning for the use intended. For the purpose of interpreting this document, a DC installation is considered to be one of the following: a) A converter station or DC switching station; b) one (or more) DC generating or storage unit(s), such as solar farms or battery storage units, located on a single site, the DC installation includes DC equipment and cables with all associated power electronics, controlgear, switchgear and all electrical auxiliary systems. Connections between DC generating or storage units located on different sites are excluded; c) DC installation erected on offshore facilities for the purpose of generation, transmission, distribution and/or storage of electricity; or d) DC transition station (between overhead lines and underground cable or between different sections of underground cables). This International Standard does not apply to the design and erection of any of the following: – overhead and underground lines between separate installations; – electric railways; – mining equipment and installations; – installations on ships according to IEC 60092 series and offshore units according to IEC 61892 series, which are used in the offshore petroleum industry for drilling, processing and storage purposes; – electrostatic equipment (e.g. electrostatic precipitators, spray-painting units); – test sites; – medical equipment, e.g. medical X-ray equipment; – valve hall or converter hall. This document does not apply to the

requirements for carrying out live working on electrical installations. This document does not apply to the design of factory-built, type-tested thyristor valves, VSC valves and switchgear for which separate IEC standards exist.

Keel: en

Alusdokumendid: IEC 61936-2:2023; EN IEC 61936-2:2023

EVS-EN IEC 62040-1:2019+A11+A1:2023

Katkematu toite süsteemid. Osa 1: Ohutusnõuded Uninterruptible power systems (UPS) - Part 1: Safety requirements (IEC 62040-1:2017 + IEC 62040-1:2017/A1:2021)

This part of IEC 62040 applies to movable, stationary, fixed or built-in UPS for use in lowvoltage distribution systems and that are intended to be installed in an area accessible by an ordinary person or in a restricted access area as applicable, that deliver fixed frequency AC output voltage with port voltages not exceeding 1 000 V AC or 1 500 V DC and that include an energy storage device. It applies to pluggable and to permanently connected UPS, whether consisting of a system of interconnected units or of independent units, subject to installing, operating and maintaining the UPS in the manner prescribed by the manufacturer. NOTE 1 Typical UPS configurations, including voltage and/or frequency converters and other topologies, are described in IEC 62040-3, the test and performance product standard for UPS. NOTE 2 UPS generally connect to their energy storage device through a DC link. A chemical battery is used throughout the standard as an example of an energy storage device. Alternative devices exist, and as such, where "battery" appears in the text of this document, this is to be understood as "energy storage device". This document specifies requirements to ensure safety for the ordinary person who comes into contact with the UPS and, where specifically stated, for the skilled person. The objective is to reduce risks of fire, electric shock, thermal, energy and mechanical hazards during use and operation and, where specifically stated, during service and maintenance. This product standard is harmonized with the applicable parts of group safety publication IEC 62477-1:2012 for power electronic converter systems and contains additional requirements relevant to UPS. This document does not cover: • UPS that have a DC output ; • systems for operation on moving platforms including, but not limited to, aircrafts, ships and motor vehicles; • external AC or DC input and output distribution boards covered by their specific product standard; • stand-alone static transfer systems (STS) covered by IEC 62310-1; • systems wherein the output voltage is directly derived from a rotating machine; • telecommunications apparatus other than UPS for such apparatus; • functional safety aspects covered by IEC 61508 (all parts). NOTE 3 Even if this document does not cover the applications listed above, it is commonly taken as a guide for such applications. NOTE 4 Specialized UPS applications are generally governed by additional requirements covered elsewhere, for example UPS for medical applications.

Keel: en

Alusdokumendid: IEC 62040-1:2017; EN IEC 62040-1:2019; IEC 62040-1:2017/COR1:2019; EN IEC 62040-1:2019/AC:2019-11; IEC 62040-1:2017/A1:2021; EN IEC 62040-1:2019/A1:2023; EN IEC 62040-1:2019/A11:2021

Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019

Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019/A1:2023

Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019/A11:2021

Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019/AC:2019

Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019+A11:2021

EVS-EN IEC 62271-105:2023

High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV

IEC 62271-105:2021 applies to three-pole units for public and industrial distribution systems which are functional assemblies of switches composed of switches or switch-disconnectors and current-limiting fuses designed so as to be capable of - breaking, at the rated voltage, any current up to and including the rated short-circuit breaking current; - making, at the rated voltage, circuits to which the rated short-circuit breaking current applies. This third edition cancels and replaces the second edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - the document has been updated to be in alignment with the second edition of IEC 62271-1:2017; - rated TRV has been removed (TRV is only a test parameter), as in the latest revision of IEC 62271-100; - differentiation has been introduced between requirements expressed for fulfilling the function expected from a switch-fuse combination, from requirements only relevant when the function is performed by a stand-alone device. The goal is to avoid duplication or conflicts of requirements with a standard dealing with assemblies, when the function is implemented within such an assembly.

Keel: en

Alusdokumendid: IEC 62271-105:2021; EN IEC 62271-105:2023

Asendab dokumenti: EVS-EN 62271-105:2012

EVS-EN IEC 62471-6:2023

Lampide ja lampsüsteemide fotobioloogiline ohutus. Osa 6: Ultraviolettlampidel põhinevad tooted

Photobiological safety of lamps and lamp systems - Part 6: Ultraviolet lamp products

This Standard provides the optical radiation safety requirements for ultraviolet lamp products, including UV LED products. This standard provides requirements for: - optical radiation safety assessment and ultraviolet-product risk groups; - user information for safety measures; - appropriate labelling of ultraviolet lamp products. This standard addresses those lamps and lamp products where the ultraviolet emission serves the primary purpose of the product and where more than half of the optical radiation emitted between 180 nm - 3 000 nm is in the spectral region 180 nm - 400 nm. If more than half of the optical radiation emitted between 180 nm - 3 000 nm is outside of the spectral region 180 nm - 400 nm, then the base standard IEC 62471-1 should be used. This standard covers medical diagnostic devices/products that emit primarily UV radiation. Because photobiological effects from UV radiation are based on the total accumulated exposure (dose) received, this standard relies on the concept of 'Time-weighted Average' exposures where the assessment distance for determining the RG is chosen based on realistic exposure distances and exposure durations. In other words, it is not expected that people will be exposed at very close distances, e.g. 20 - 30 cm, for

extended periods of time. This standard is needed to provide assessment distances and specific guidance that are application-specific and realistic rather than the more general values in IEC 62471 where the specific application is unknown and time-weighted average exposures are not application-specific. This Standard does not provide requirements for: - lamps which primarily emit visible and/or infrared radiant energy - lamp products used for general lighting or infrared illumination or heating, which are treated in separate standards. - fluorescent ultraviolet lamps for tanning (covered by IEC 60335-2-27 and IEC 61228). - medical treatment devices/products (see IEC 60601-2-57), but covers UV medical diagnostic products.

Keel: en

Alusdokumendid: IEC 62471-6:2022; EN IEC 62471-6:2023

EVS-EN IEC 63356-1:2023

LED light source characteristics - Part 1: Data sheets

This part of IEC 63356 specifies data sheets of LED lamps and LED modules with a series of parameters per data sheet for a specific LED light source that enables interchangeability between products from different LED light source manufacturers. Compliance criteria relating to data sheet parameters in this document are covered by IEC 632201 for safety, or IEC 632212 for performance.

Keel: en

Alusdokumendid: IEC 63356-1:2023; EN IEC 63356-1:2023

Asendab dokumenti: EVS-EN IEC 63356-1:2022

31 ELEKTROONIKA

EVS-EN IEC 62471-6:2023

Lampide ja lampsüsteemide fotobioloogiline ohutus. Osa 6: Ultraviolettlampidel põhinevad tooted

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Keel: en

Alusdokumendid: IEC 62471-6:2022; EN IEC 62471-6:2023

33 SIDETEHNIKA

EVS-EN IEC 60335-2-7:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machine

This European Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: IEC 60335-2-7:2019; EN IEC 60335-2-7:2023

Asendab dokumenti: EVS-EN 60335-2-7:2010

Asendab dokumenti: EVS-EN 60335-2-7:2010/A1:2013

Asendab dokumenti: EVS-EN 60335-2-7:2010/A11:2013

Asendab dokumenti: EVS-EN 60335-2-7:2010/A2:2019

[EVS-EN IEC 60335-2-7:2023/A11:2023](#)

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

This European Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: EN IEC 60335-2-7:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-7:2023

35 INFOTEHNOLOOGIA

[EVS-EN 17927:2023](#)

Security Evaluation Standard for IoT Platforms (SESIP). An effective methodology for applying cybersecurity assessment and re-use for connected products.

This document describes a cybersecurity evaluation methodology, named SESIP, for components of connected ICT products. Security claims in SESIP are made based on the security services offered by those components. Components can be in hardware and software. SESIP aims to support comparability between and reuse of independent security evaluations. SESIP provides a common set of requirements for the security functionality of components which apply to the foundational components of devices that are not application specific. The methodology describes the re-use of evaluation results.

Keel: en

Alusdokumendid: EN 17927:2023

[EVS-EN 50657:2017/A1:2023](#)

Raudteelased rakendused. Veeremil kasutatavad rakendused. Veeremil kasutatav tarkvara Railways Applications - Rolling stock applications - Software on Board Rolling Stock

Add the following note after the paragraph in 1.6: NOTE This document was derived from the signalling standard EN 50128 which in many cases was also applied in Rolling Stock applications. Subclause 1.6 ensures continuity in the application of the standards, i.e., software that was developed in accordance with EN 50128 can still be re-used for new projects.

Keel: en

Alusdokumendid: EN 50657:2017/A1:2023

Muudab dokumenti: EVS-EN 50657:2017

[EVS-EN 50657:2017+A1:2023](#)

Raudteelased rakendused. Veeremil kasutatavad rakendused. Veeremil kasutatav tarkvara Railways Applications - Rolling stock applications - Software on Board Rolling Stock

1.1 This European Standard specifies the process and technical requirements for the development of software for programmable electronic systems for use in rolling stock applications. Outside the scope of this standard is software that: — is part of signalling equipment (CENELEC sub-committee SC9XA applications) installed on board trains, or — does not contribute to, and is segregated from Rolling Stock operational functions. 1.2 This European Standard is applicable exclusively to software and the interaction between software and the system of which it is part. 1.3 Entry intentionally left empty 1.4 This European Standard applies to safety-related as well as non-safety-related software, including for example: — application programming, — operating systems, — support tools, — firmware. Application programming comprises high level programming, low level programming and special purpose programming (for example: programmable logic controller ladder logic). 1.5 This European Standard also addresses the use of pre-existing software and tools. Such software may be used, if the specific requirements in 7.3.4.7 and 6.5.4.16 on pre-existing software and for tools in 6.7 are fulfilled. 1.6 Software developed according to a valid version of EN 50128 is considered as compliant to this standard. Software previously developed in accordance with any version of EN 50128 is also considered as compliant and not subject to the requirements on pre-existing software. For SIL1-SIL4 software under the scope of this standard, requirements included in this European Standard are equivalent to the SIL1-SIL4 software requirements of EN 50128:2011. NOTE This document was derived from the signalling standard EN 50128 which in many cases was also applied in Rolling Stock applications. Subclause 1.6 ensures continuity in the application of the standards, i.e., software that was developed in accordance with EN 50128 can still be re-used for new projects. 1.7 This European Standard considers that modern application design often makes use of software that is suitable as a basis for various applications. Such software is then configured by application data for producing the executable software for the application. This European Standard applies to such software. In addition, specific requirements for application data will be given. 1.8 Entry intentionally left empty. 1.9 This European Standard is not intended to be retrospective. It therefore applies primarily to new developments and only applies in its entirety to existing systems if these are subjected to major modifications. For minor changes, only 9.2 applies. However, application of this European Standard during upgrades and maintenance of existing software is recommended. 1.10 The relevant sections of this software standard are also applicable to programmable components (e.g. FPGA and CPLD), in addition to the applicable hardware standard (e.g. EN 50129, EN 50155, EN 61508 2). However, requirements of this software standard that are already covered by the applicable hardware standard do not need to be re-addressed. When it is possible to exhaustively test the programmable logic for all possible inputs and internal logic states, this European Standard does not apply.

Keel: en

Alusdokumendid: EN 50657:2017; EN 50657:2017/A1:2023

Konsolideerib dokumenti: EVS-EN 50657:2017

Konsolideerib dokumenti: EVS-EN 50657:2017/A1:2023

EVS-EN IEC 62056-5-3:2023

Electricity metering data exchange - The DLMS®/COSEM suite - Part 5-3: DLMS®/COSEM application layer

This part of IEC 62056 specifies the DLMS®/COSEM application layer in terms of structure, services and protocols for DLMS®/COSEM clients and servers, and defines rules to specify the DLMS®/COSEM communication profiles. It defines services for establishing and releasing application associations, and data communication services for accessing the methods and attributes of COSEM interface objects, defined in IEC 62056-6-2:2021 using either logical name (LN) or short name (SN) referencing. Annex A (normative) defines how to use the COSEM application layer in various communication profiles. It specifies how various communication profiles can be constructed for exchanging data with metering equipment using the COSEM interface model, and what are the necessary elements to specify in each communication profile. The actual, media-specific communication profiles are specified in separate parts of the IEC 62056 series. Annex B (normative) specifies the SMS short wrapper. Annex C (normative) specifies the gateway protocol. Annex D, Annex E and Annex F (informative) include encoding examples for APDUs. Annex G (normative) provides NSA Suite B elliptic curves and domain parameters. Annex H (informative) provides an example of an End entity signature certificate using P-256 signed with P-256. Annex I (normative) specifies the use of key agreement schemes in DLMS®/COSEM. Annex J (informative) provides examples of exchanging protected xDLMS APDUs between a third party and a server. Annex K (informative) lists the main technical changes in this edition of the standard.

Keel: en

Alusdokumendid: IEC 62056-5-3:2023; EN IEC 62056-5-3:2023

Asendab dokumenti: EVS-EN 62056-5-3:2017

EVS-EN IEC 62056-6-2:2023

Electricity metering data exchange - The DLMS®/COSEM suite - Part 6-2: COSEM interface classes

This part of IEC 62056 specifies a model of a meter as it is seen through its communication interface(s). Generic building blocks are defined using object-oriented methods, in the form of interface classes to model meters from simple up to very complex functionality. Annexes A to F (informative) provide additional information related to some interface classes.

Keel: en

Alusdokumendid: IEC 62056-6-2:2023; EN IEC 62056-6-2:2023

Asendab dokumenti: EVS-EN IEC 62056-6-2:2018

EVS-EN IEC 62056-8-12:2023

Electricity metering data exchange – The DLMS®/COSEM suite - Part 8-12: Communication profile for Low-Power Wide Area Networks (LPWANs)

This part of IEC 62056 describes the use of DLMS®/COSEM for Low-Power Wide Area Networks (LPWANs). It specifies how the COSEM data model and the DLMS®/COSEM application layer can be used over various LPWAN technologies using an adaptation layer based on IETF RFC 8724, and in particular over LoRaWAN. This profile is intended to be used with LPWANs as defined in IETF RFC 8724, in particular LoRaWAN. Low-Power Wide Area Networks (LPWANs) are wireless technologies with characteristics such as large coverage areas, low bandwidth, possibly very small packet and application-layer data sizes, and long battery life operation. This document does not provide functionality to manage the lower layers of the LPWANs. This part of the DLMS®/COSEM suite specifies the communication profile for Low-Power Wide Area Networks (LPWANs). The DLMS®/COSEM LPWAN communication profiles use connection-less transport layer based on the Internet Standard User Datagram Protocol (UDP) and Internet Protocol (IPv6). The adaptation layer is based on IETF RFC 8724 which provides both a header compression/decompression mechanism and an optional fragmentation/reassembly mechanism. SCHC compression is based on static context with small context identifier to represent full IPv6/UDP/COSEM wrapper headers. If required, SCHC fragmentation is used to support IPv6 MTU over the LPWAN technologies. This document follows the rules defined in IEC 62056-5-3:2023, Annex A, and in IEC 62056-1-0, and IEC TS 62056-1-1:2016 for its structure. See also Annex A for examples.

Keel: en

Alusdokumendid: IEC 62056-8-12:2023; EN IEC 62056-8-12:2023

EVS-EN ISO 21549-5:2023

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

This document describes and defines the basic structure of the identification data objects held on healthcare data cards, but it does not specify particular data sets for storage on devices. This document does not apply to the detailed functions and mechanisms of the following services (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 document). Therefore, this document does not cover: — 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 21549-5:2023; EN ISO 21549-5:2023

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

EVS-EN ISO/IEC 18045:2023

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Methodology for IT security evaluation (ISO/IEC 18045:2022)

This document is a companion document to the "Evaluation criteria for IT security", ISO/IEC 15408 (all parts). This document defines the minimum actions to be performed by an evaluator in order to conduct an ISO/IEC 15408 Series evaluation, using the criteria and evaluation evidence defined in the ISO/IEC 15408 Series.

Keel: en

Alusdokumendid: ISO/IEC 18045:2022; EN ISO/IEC 18045:2023

Asendab dokumenti: EVS-EN ISO/IEC 18045:2020

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2665-001:2023

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 20 A to 50 A - Part 001: Technical specification

This document specifies the three-pole temperature compensated circuit breakers without signal contacts, rated from 20 A to 50 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841 100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282.

Keel: en

Alusdokumendid: EN 2665-001:2023

Asendab dokumenti: EVS-EN 2665-001:2014

EVS-EN 2794-001:2023

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 50 A - Part 001: Technical specification

This document specifies the single-pole temperature compensated circuit breakers rated from 20 A to 50 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841 100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all categories).

Keel: en

Alusdokumendid: EN 2794-001:2023

Asendab dokumenti: EVS-EN 2794-001:2014

EVS-EN 2995-001:2023

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A - Part 001: Technical specification

This document specifies the single-pole temperature compensated circuit breakers with signal contacts, polarized or not, rated from 1 A to 25 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841 100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all categories).

Keel: en

Alusdokumendid: EN 2995-001:2023

Asendab dokumenti: EVS-EN 2995-001:2006

EVS-EN 2996-001:2023

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 001: Technical specification

This document specifies the three-pole temperature compensated circuit breakers with signal contacts, polarized or not, rated from 1 A to 25 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841 100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all categories).

Keel: en

Alusdokumendid: EN 2996-001:2023

Asendab dokumenti: EVS-EN 2996-001:2006

EVS-EN 9101:2023

Aerospace series - Quality management systems - Requirements for conducting audits of aviation, space, and defence quality management Systems

1.1 General This document defines requirements for the preparation and execution of the audit process. In addition, it defines the content and composition for the audit reporting of conformity and process effectiveness to the EN 9100-series standards, the organization's QMS documentation, and customer and statutory/regulatory requirements. The requirements in this document are additions or represent changes to the requirements and guidelines in the standards for conformity assessment, auditing, and certification as published by ISO/IEC (i.e. ISO/IEC 17000:2020, ISO/IEC 17021 1). When there is conflict with these standards,

the requirements of this document take precedence. NOTE 1 In this document, the term "EN 9100-series standards" comprises the EN 9100, EN 9110, and EN 9120 standards; developed by the IAQG and published by various national standards bodies. NOTE 2 In addition to this document, the IAQG publishes deployment support material on the IAQG website (see <http://www.iaqg.org>) that can be used by audit teams, when executing the audit process. 1.2 Application This document is intended to be used for audits of EN 9100-series standards by Certification Bodies (CBs) for certification of organizations, under the auspices of the ASD industry certification scheme [also known as the Industry Controlled Other Party (ICOP) scheme]. The ICOP scheme requirements are defined in the EN 9104-series standards (i.e. FprEN 9104-1, prEN 9104-2, EN 9104 3). NOTE Relevant parts of this document can also be used by an organization in support of internal audits (1st party) and external audits at suppliers (2nd party).

Keel: en

Alusdokumendid: EN 9101:2023

Asendab dokumenti: EVS-EN 9101:2018

EVS-EN 9103:2023

Aerospace series - Quality management systems - Variation management of key characteristics

1.1 General This document is primarily intended to apply to new parts and products intended to be produced in an on-going production phase but can also be applied to parts currently in production (e.g., manufacturing, maintenance). This document is applicable to all production processes that influence the variation of KCs, as well as maintenance and service processes in which KCs are identified. It applies to organizations for assemblies and all levels of parts within an assembly, down to the basic materials including castings and forgings, and to organizations that are responsible for producing the design characteristics of the product. The variation control process begins with product definition, typically stated in the design documentation (e.g., digital model, engineering drawing, specification) which identifies KCs, and leads to a variation management process for those KCs. This process may also be used for producer-identified KCs (e.g., process KCs, additional/substitute product KCs). Producers and their subcontractors are responsible for flow down of the standard requirements to those external providers, who produce design characteristics and provide production and service provisions, to ensure that KCs conform to the customer's requirements. 1.2 Purpose This document is designed to drive the improvement of manufacturing and maintenance processes through adequate planning and effective management of KC variation. This focus is intended to improve uniformity (less variation or minimum variation of product KCs) and acceptance probability of the end-product. NOTE Control of a product or process KC per this document does not constitute, nor imply acceptance of the resulting product. If variation management, under this document, is to be part of an acceptance decision, the requirements need to be specified in the applicable product acceptance plan or contract. 1.3 Convention The following conventions are used in this document: - "shall" indicates a requirement; - "should" indicates a recommendation; - "may" indicates a permission; and - "can" indicates a possibility or a capability.

Keel: en

Alusdokumendid: EN 9103:2023

Asendab dokumenti: EVS-EN 9103:2015

Asendab dokumenti: EVS-EN 9103:2015/AC:2015

71 KEEMILINE TEHNOLOOGIA

EVS-EN 13697:2023

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas without mechanical action - Test method and requirements without mechanical action (phase 2, step 2)

This document specifies a test method (phase 2/step 2) and the minimum requirements for bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants that form a homogeneous physically stable preparation in hard water or – in the case of ready-to-use products – with water in food, industrial, domestic and institutional areas, excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues. This document applies to products that are used for disinfecting non-porous surfaces without mechanical action. This document is applicable at least to the following: a) processing, distribution and retailing of: 1) food of animal origin: i) milk and milk products; ii) meat and meat products; iii) fish, seafood and products; iv) eggs and egg products; v) animal feeds; vi) etc. 2) food of vegetable origin: i) beverages; ii) fruits, vegetables and derivatives (including distilleries and sugar refineries); iii) flour, milling and baking; iv) animal feeds; v) etc. b) institutional and domestic areas: 1) catering establishments; 2) public areas; 3) public transports; 4) schools; 5) nurseries; 6) shops; 7) sports rooms; 8) waste containers (bins); 9) hotels; 10) dwellings; 11) clinically non sensitive areas of hospitals; 12) offices; 13) etc. c) other industrial areas: 1) packaging material; 2) biotechnology (yeast, proteins, enzymes...); 3) pharmaceutical; 4) cosmetics and toiletries; 5) textiles; 6) space industry, computer industry; 7) etc. This document does not apply when the product is applied via an automatic airborne disinfection method; in such cases, see EN 17272. Using this document, it is possible to determine the bactericidal and/or yeasticidal and/or fungicidal activity of the undiluted product. As three concentrations are tested, in the active to non-active range, dilution of the product is required and, therefore, the product forms a homogeneous stable preparation in hard water. EN 14885 specifies in detail the relationship of the various tests to one another and to use recommendations. NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances on bacteria and/or fungi in the conditions in which they are used. NOTE 2 This method cannot be used to evaluate the activity of products against mycobacteria.

Keel: en

Alusdokumendid: EN 13697:2023

Asendab dokumenti: EVS-EN 13697:2015+A1:2019

EVS-EN 17306:2023**Liquid petroleum products - Determination of distillation characteristics at atmospheric pressure - Micro-distillation**

This document specifies a laboratory method for the determination of the distillation characteristics of light and middle distillates derived from petroleum and related products of synthetic or biological origin with initial boiling points above 20 °C and end-points below approximately 400 °C, at atmospheric pressure utilizing an automatic micro distillation apparatus. This test method is applicable to such products as light and middle distillates, automotive spark-ignition engine fuels, automotive spark-ignition engine fuels containing up to 20 % (V/V) ethanol, aviation gasolines, aviation turbine fuels, (paraffinic) diesel fuels, FAME (B100), diesel blends up to 30 % (V/V) fatty acid methyl esters (FAME), special petroleum spirits, naphtha's, white spirits, kerosene's, burner fuels, and marine fuels. The test method is also applicable to hydrocarbons with a narrow boiling range, like organic solvents or oxygenated compounds. The test method is designed for the analysis of distillate products; it is not applicable to products containing appreciable quantities of residual material. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of user of this document to take appropriate measures to ensure the safety and health of personnel prior to application of the document, and to fulfil statutory and regulatory requirements for this purpose. NOTE For the purpose of this document, the expression "% (V/V)" is used to represent the volume fraction.

Keel: en

Alusdokumendid: EN 17306:2023

Asendab dokumenti: EVS-EN 17306:2019

EVS-EN ISO 19905-1:2023**Oil and gas industries including lower carbon energy - Site-specific assessment of mobile offshore units - Part 1: Jack-ups: elevated at a site (ISO 19905-1:2023)**

The site-specific assessment (SSA) of a jack-up normally comprises the two parts, an elevated SSA (SSA-E), addressed in this part of ISO 19905, and an installation and removal SSA (SSA-I), addressed in ISO 19905-4. This part of ISO 19905 specifies requirements and provides recommendation and guidance for the elevated site-specific assessment of independent leg jack-up units for use in the petroleum and natural gas industries. It addresses: a) manned non-evacuated, manned evacuated and unmanned jack-ups; b) the installed (or elevated) phase at a specific site. To ensure acceptable reliability, the provisions of this part of ISO 19905 form an integrated approach, which is used in its entirety for the site-specific assessment of a jack-up. This part of ISO 19905 does not apply specifically to mobile offshore drilling units operating in regions subject to sea ice and icebergs. When assessing a jack-up operating in regions subject to sea ice and icebergs, it is intended that the assessor supplement the provisions of this part of ISO 19905 with the relevant provisions relating to ice actions contained in ISO 19906 and procedures for ice management contained in ISO 35104. This part of ISO 19905 does not address design, transportation to and from site, or installation and removal from site (which is addressed in ISO 19905-41). However, it is advisable that the assumptions used in the assessment be checked against the as-installed configuration. This document is applicable only to independent leg mobile jack-up units that are structurally sound and adequately maintained, which is normally demonstrated through holding a valid recognized classification society (RCS) classification certificate. NOTE 1 An RCS is an International Association of Classification Societies (IACS) member body, meeting the RCS definition given in 3.52. Jack-ups that do not comply with this requirement are assessed according to the provisions of ISO 19902, supplemented by methodologies from this part of ISO 19905, where applicable. NOTE 2 Future revisions of this part of ISO 19905 can be expanded to cover mat-supported jack-ups. NOTE 3 Well conductors are a safety-critical element for jack-up operations. However, the integrity of well conductors is not part of the site-specific assessment process for jack-ups and is, therefore, not addressed in this part of ISO 19905. A.1 provides references to a publication addressing this topic. NOTE 4 RCS rules and the IMO MODU code (International Maritime Organisation Mobile Offshore Drilling Unit code) provide guidance for the design of jack-ups.

Keel: en

Alusdokumendid: EN ISO 19905-1:2023; ISO 19905-1:2023

Asendab dokumenti: EVS-EN ISO 19905-1:2016

EVS-EN 17839:2023**Glass in building - Glazing and airborne sound insulation - Validation procedure for calculation tools**

This document specifies a procedure to validate a calculation tool based on simulation, analytical calculation and/or interpolation of airborne sound insulation characteristics of glass products.

Keel: en

Alusdokumendid: EN 17839:2023

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

This document 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 can also reveal cohesive failure. The indentations are made with a Rockwell hardness test instrument. The method described in this document can 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 26443:2023; EN ISO 26443:2023
Asendab dokumenti: EVS-EN ISO 26443:2016

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 2811-3:2023

Paints and varnishes - Determination of density - Part 3: Oscillation method (ISO 2811-3:2023)

ISO 2811-3:2011 specifies a method for determining the density of paints, varnishes and related products using an oscillator. The method is suitable for all materials, including paste-like coatings. If a pressure-resistant type of apparatus is used, the method is also applicable to aerosols.

Keel: en
Alusdokumendid: ISO 2811-3:2023; EN ISO 2811-3:2023
Asendab dokumenti: EVS-EN ISO 2811-3:2011

EVS-EN ISO 8130-15:2023

Coating powders - Part 15: Rheology (ISO 8130-15:2023)

This document specifies methods for the determination of the rheological behaviour of a coating powder both in particulate and molten form.

Keel: en
Alusdokumendid: ISO 8130-15:2023; EN ISO 8130-15:2023

91 EHITUSMATERJALID JA EHITUS

CEN/TS 17985:2023

Construction products: Assessment of release of dangerous substances - Methods for the determination of N-nitrosamines in air samples derived by EN 16516

This document describes a test procedure for sampling, elution, detection, and quantification of N-nitrosamines in air samples derived from a test chamber according to EN 16516:2017+A1:2020. The following N-nitrosamines are covered: - Nitrosodimethylamine, CAS No. 62-75-9, - N-Nitrosomethylethylamine, CAS No. 10595-95-6, - N-Nitrosodiethylamine, CAS No. 55-18-5, - N-Nitrosodipropylamine, CAS No. 621-64-7, - N-Nitrosodiisopropylamine, CAS No. 601-77-4, - N-Nitrosodibutylamine, CAS No. 924-16-3, - N-Nitrosopiperidine, CAS No. 100-75-4, - N-Nitrosopyrrolidine, CAS No. 930-55-2 and - N-Nitrosomorpholine, CAS No. 59-89-2.

Keel: en
Alusdokumendid: CEN/TS 17985:2023

CEN/TS 17986:2023

Flexible sheets for waterproofing - Extrapolation rules for testing results on resistance to root penetration

Experience with testing in accordance with EN 13948 has shown that flexible sheets for waterproofing with different thicknesses, different colours, different formulations, different surface finishing, and different internal fabrics, amongst others, have passed the test successfully. This document expresses the extrapolation rules of the results of root resistance testing in accordance with EN 13948 for roof waterproofing sheets manufactured in accordance with EN 13707:2004+A2:2009, and EN 13956:2012. Experience with testing in accordance to EN 13948 has shown that the main critical points are represented by the joints. If joints are done in a proper way, it will avoid the penetration of roots during the test.

Keel: en
Alusdokumendid: CEN/TS 17986:2023

EVS-EN 14488-3:2023

Torkreetbetooni katsetamine. Osa 3: Kiudarmeeritud tala katsekehade paindetugevused (esmane piirpaintedugevus, maksimaalne tugevus ja jääktugevus)

Testing sprayed concrete - Part 3: Flexural strengths (first peak, ultimate and residual) of fibre reinforced beam specimens

See dokument sätestab meetodid (meetodid A ja B) kivistunud torkreetbetooni katsekehade esmase piirpaintedugevuse, maksimaalse tugevuse ja jääktugevuse määramiseks.

Keel: en, et
Alusdokumendid: EN 14488-3:2023
Asendab dokumenti: EVS-EN 14488-3:2006

EVS-EN 16637-1:2023

Construction products: Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps

(1) This document allows the identification of the appropriate leaching test method for the determination of the release of RDS from construction products into soil, surface water and groundwater. This document provides a stepwise procedure for the determination of appropriate release tests, including: a) determination of the test method based on general product properties; b) choice of the test method using specific product properties. (2) Furthermore, this document gives general guidance for CEN Technical Product Committees and EOTA WGs on basic aspects (sampling, sample preparation and storage, eluate treatment, analysis of eluates and documentation) to be specified in the relevant product standards or ETAs. (3) Metallic products and coatings on metallic products are not considered in the determination scheme of this document since the test methods in prEN 16637 2:—1) (tank test) and prEN 16637 3:—2) (column test) are not appropriate for the testing of these construction products due to a different release mechanism (solubility control). NOTE See Annex F. (4) It is assumed that intermittent contact with water (e.g. exposure to rainwater) is tested – by convention – as permanent contact. For some coatings, (e.g. some renders with organic binders according to EN 15824 [7]) in intermittent contact to water, physical and chemical properties might be altered in permanent contact with water. These products are not considered in the determination scheme of this document since the test method in prEN 16637 2 is not appropriate for the testing of these construction products (in this case EN 16105 [8] might be an alternative method).

Keel: en

Alusdokumendid: EN 16637-1:2023

Asendab dokumenti: CEN/TS 16637-1:2018

EVS-EN 16637-2:2023

Construction products: Assessment of release of dangerous substances - Part 2: Horizontal dynamic surface leaching test

This document specifies a dynamic surface leaching test (DSLTL) which is aimed at determining the release per unit surface area as a function of time of inorganic and/or non-volatile organic substances from a monolithic, plate- or sheet-like product, when it is put into contact with an aqueous solution (leachant). The test method is not suitable for substances that are volatile under ambient conditions. This test is a parameter specific test focusing on identifying and specifying parameter specific properties tested under specified conditions. It is not aimed at simulating real situations. The application of results to specific intended conditions of use can be established by means of modelling (not included in this document). The test method applies to more or less regularly shaped test portions consisting of monolithic test pieces with minimum dimensions of 40 mm in all directions [volume > 64 000 mm³ (64 cm³)]. It also applies to plate- or sheet-like products with surface areas of minimum 10 000 mm² (100 cm²) exposed to the leachant. Products designed to drain water (e.g. draining tiles, porous asphalt) and monolithic granular products according to EN 16637 1:2023, Table 1, are also tested by this test method. All products to be tested are assumed to maintain their integrity over a time frame relevant for the considered intended use. The modification for granular construction products with low hydraulic conductivity (Annex A) applies for granular particles with so little drainage capacity between the grains that percolation in percolation tests and in practice is nearly impossible. Metals, metallic coatings and organic coatings on metals are excluded from the scope of this document because the principles of this test (diffusion) are not obeyed by these products. Guidance on the need for testing of these products is under consideration. For some coatings (e.g. some renders with organic binders according to EN 15824 [9]) in intermittent contact with water, physical and chemical properties might be changed in permanent contact with water. For these products, this document is not appropriate. Guidance on the applicability of the test method to a given product is outlined in EN 16637 1. NOTE 1 This test method is only applicable if the product is chemically stable and the matrix does not dissolve. For construction products that are possibly used in contact with water this is usually the case as construction products are then supposed to be dimensionally stable. If a product possibly wears substantially in its intended use, the test cannot provide proper information. If the product contains a substantial amount of water-soluble compounds, e.g. gypsum or anhydrite, the matrix could (partially) dissolve and lead to dimensional instability of the test piece. In this case, the test standard also cannot be used. NOTE 2 It is not always possible to optimize test conditions simultaneously for inorganic and organic substances. Optimum test conditions can also vary between different groups of organic substances. Test requirements for organic substances are generally more stringent than those for inorganic substances. The test conditions suitable for measuring the release of organic substances will generally also be applicable to inorganic substances.

Keel: en

Alusdokumendid: EN 16637-2:2023

Asendab dokumenti: CEN/TS 16637-2:2014

EVS-EN 16637-3:2023

Construction products: Assessment of release of dangerous substances - Part 3: Horizontal up-flow percolation test

(1) This document specifies an up-flow percolation test (PT) which is applicable to determine the leaching behaviour of inorganic and non-volatile organic substances from granular construction products. The test is not suitable for substances that are volatile under ambient conditions. The construction products are subjected to percolation with water as a function of liquid to solid ratio under specified percolation conditions. The method is a once-through column leaching test. (2) This up-flow percolation test is performed under specified test conditions for construction products and does not necessarily produce results that mimic specific intended use conditions. This test method produces eluates, which can subsequently be characterized by physical, chemical and ecotoxicological methods according to existing standard methods. The results of eluate analysis are presented as a function of the liquid/solid ratio. The test results enable the distinction between different leaching behaviour. NOTE 1 Volatile organic substances include the low molecular weight substances in mixtures such as mineral oil. NOTE 2 It is not always possible to adjust test conditions simultaneously for inorganic and organic substances. Test conditions can also vary between different groups of organic substances. Test conditions for organic substances are generally more stringent than those for inorganic substances. The test conditions are generally described in a way that they fit testing organic substances and are also applicable to inorganic substances depending on the set-up. NOTE 3 For ecotoxicity testing, eluates representing the release of both inorganic and organic substances are needed. In this document, ecotoxicological testing is meant to include also genotoxicological testing.

NOTE 4 Construction products with a low hydraulic conductivity that can cause detrimental pressure build-up are not supposed to be subjected to this test. NOTE 5 This procedure is generally not applicable to products that are easily biologically degradable and products reacting with the leachant, leading, for example, to excessive gas emission or excessive heat release, impermeable hydraulically bound products or products that swell in contact with water. (3) In this document the same test conditions as for prEN 17516 (CEN/TC 444/WG 1) are applied in order to allow full comparability of testing construction products and waste derived construction products to avoid double testing. The prEN 17516 test results are eligible in the context of testing construction products as well. NOTE 6 If a leaching test according to prEN 17516 has been performed, additional prEN 16637 3 testing does not need to be carried out.

Keel: en

Alusdokumendid: EN 16637-3:2023

Asendab dokumenti: CEN/TS 16637-3:2016

EVS-EN 17516:2023

Waste - Characterization of granular solids with potential for use as construction material - Compliance leaching test - Up-flow percolation test

This document specifies an up-flow percolation test (PT) which is applicable in compliance testing to determine the leaching behaviour of inorganic and non-volatile organic substances from granular solids with potential for use as construction material. The test is not suitable for substances that are volatile under ambient conditions. The granular solids are subjected to percolation with water as a function of liquid to solid ratio under specified percolation conditions. The method is a once-through column leaching test. NOTE 1 Volatile organic substances include the low molecular weight substances in mixtures such as mineral oil. This up-flow percolation test is performed under specified test conditions for granular solids with potential for use as construction material and does not necessarily produce results that mimic specific intended use conditions. This test method produces eluates, which can subsequently be characterized by physical, chemical and ecotoxicological methods according to existing standard methods. The results of eluate analysis are presented as a function of the liquid/solid ratio. The test results enable the distinction between different leaching behaviour. NOTE 2 It is not always possible to adjust test conditions simultaneously for inorganic and organic substances. Test conditions can also vary between different groups of organic substances. Test conditions for organic substances are generally more stringent than those for inorganic substances. The test conditions are generally described in a way that they fit testing organic substances and are also applicable to inorganic substances depending on the set-up. NOTE 3 For ecotoxicity testing, eluates representing the release of both inorganic and organic substances are needed. In this document, ecotoxicological testing is meant to include also genotoxicological testing. NOTE 4 Granular solid waste materials with a low hydraulic conductivity that can cause detrimental pressure build-up are not supposed to be subjected to this test. NOTE 5 This procedure is generally not applicable to solids that are easily biologically degradable and solids reacting with the leachant, leading to, for example, excessive gas emission or excessive heat release, impermeable hydraulically bound solids or solids that swell in contact with water. Granular solid waste materials without potential for beneficial use are excluded from the scope. NOTE 6 Granular solid waste materials without potential for beneficial use can be materials with gas generation or biodegradation during a potential reuse scenario. This test is applicable to types of granular solid waste of which the general long-term leaching behaviour is known based on previous investigations. In this document the same test conditions as for EN 16637 3 (CEN/TC 351/WG 1) are applied in order to allow full comparability of testing construction products and waste derived construction products to avoid double testing. The EN 16637 3 test results are eligible in the context of testing granular solids with potential for use as construction material as well. NOTE 7 If a leaching test according to EN 16637 3 has been performed, additional EN 17516 testing does not need to be carried out. NOTE 8 The relative standard deviations for inorganic and organic substances are relatively high which is due to low concentration levels in the eluates (see Annex F).

Keel: en

Alusdokumendid: EN 17516:2023

EVS-EN 17690-1:2023

Components for BAC Control Loop - Sensors - Part 1: Room temperature sensors

This document specifies requirements and test methods for room temperature sensors used to control the room temperature. This document is applicable to wall mounted and flush mounted room temperature sensors. The following aspects are not covered by this document: - pendulum temperature sensors; - ceiling mounted temperature sensor; - extract air temperature sensors. NOTE The measured value available at the output of the sensor is influenced by the place where the sensor device is located and factors such as air velocity, wall temperature, self/waste heating of the device and the air temperature. The perceived temperature, which is important for the well-being of a person, depends among other factors on air temperature, temperature of the surrounding walls and air flow rate as indicated in EN ISO 7730. The temperature sensor element can be combined with other sensors in one device. This document only deals with the room temperature sensing of this devices. Other sensors are not covered except of their influence on the room temperature sensing (e.g. self-heating). This document specifies sensor characteristics contributing to the determination of the control accuracy of individual zone controller according to EN 15500 1.

Keel: en

Alusdokumendid: EN 17690-1:2023

EVS-EN 17839:2023

Glass in building - Glazing and airborne sound insulation - Validation procedure for calculation tools

This document specifies a procedure to validate a calculation tool based on simulation, analytical calculation and/or interpolation of airborne sound insulation characteristics of glass products.

Keel: en

Alusdokumendid: EN 17839:2023

EVS-EN IEC 60335-2-51:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele

Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

This European Standard deals with the safety of electric stationary circulation pumps for household and similar purposes intended for use in heating systems or in service water systems, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: EN EN IEC 60335-2-51:2023; IEC 60335-2-51:2019

Asendab dokumenti: EVS-EN 60335-2-51:2003

Asendab dokumenti: EVS-EN 60335-2-51:2003/A1:2008

Asendab dokumenti: EVS-EN 60335-2-51:2003/A2:2012

EVS-EN IEC 60335-2-51:2023/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele

Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

This European Standard deals with the safety of electric stationary circulation pumps for household and similar purposes intended for use in heating systems or in service water systems, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: EN IEC 60335-2-51:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-51:2023

EVS-EN IEC 62056-5-3:2023

Electricity metering data exchange - The DLMS®/COSEM suite - Part 5-3: DLMS®/COSEM application layer

This part of IEC 62056 specifies the DLMS®/COSEM application layer in terms of structure, services and protocols for DLMS®/COSEM clients and servers, and defines rules to specify the DLMS®/COSEM communication profiles. It defines services for establishing and releasing application associations, and data communication services for accessing the methods and attributes of COSEM interface objects, defined in IEC 62056-6-2:2021 using either logical name (LN) or short name (SN) referencing. Annex A (normative) defines how to use the COSEM application layer in various communication profiles. It specifies how various communication profiles can be constructed for exchanging data with metering equipment using the COSEM interface model, and what are the necessary elements to specify in each communication profile. The actual, media-specific communication profiles are specified in separate parts of the IEC 62056 series. Annex B (normative) specifies the SMS short wrapper. Annex C (normative) specifies the gateway protocol. Annex D, Annex E and Annex F (informative) include encoding examples for APDUs. Annex G (normative) provides NSA Suite B elliptic curves and domain parameters. Annex H (informative) provides an example of an End entity signature certificate using P-256 signed with P-256. Annex I (normative) specifies the use of key agreement schemes in DLMS®/COSEM. Annex J (informative) provides examples of exchanging protected xDLMS APDUs between a third party and a server. Annex K (informative) lists the main technical changes in this edition of the standard.

Keel: en

Alusdokumendid: IEC 62056-5-3:2023; EN IEC 62056-5-3:2023

Asendab dokumenti: EVS-EN 62056-5-3:2017

EVS-EN IEC 62056-6-2:2023

Electricity metering data exchange - The DLMS®/COSEM suite - Part 6-2: COSEM interface classes

This part of IEC 62056 specifies a model of a meter as it is seen through its communication interface(s). Generic building blocks are defined using object-oriented methods, in the form of interface classes to model meters from simple up to very complex functionality. Annexes A to F (informative) provide additional information related to some interface classes.

Keel: en

Alusdokumendid: IEC 62056-6-2:2023; EN IEC 62056-6-2:2023

Asendab dokumenti: EVS-EN IEC 62056-6-2:2018

EVS-EN ISO 11855-5:2021/A1:2023

Building environment design - Embedded radiant heating and cooling systems - Part 5: Installation - Amendment 1 (ISO 11855-5:2021/Amd 1:2023)

Amendment to EN ISO 11855-5:2021

Keel: en

Alusdokumendid: ISO 11855-5:2021/Amd 1:2023; EN ISO 11855-5:2021/A1:2023

Muudab dokumenti: EVS-EN ISO 11855-5:2021

EVS-EN ISO 25745-2:2015+A1:2023

Energy performance of lifts, escalators and moving walks - Part 2: Energy calculation and classification for lifts (elevators) (ISO 25745-2:2015, Corrected version 2015-12-15 + ISO 25745-2:2015/Amd 1:2023)

This part of ISO 25745 specifies the following: a) a method to estimate energy consumption based on measured values, calculation, or simulation, on an annual basis for traction, hydraulic, and positive drive lifts on a single unit basis; b) energy classification system for new, existing, and modernized traction, hydraulic, and positive drive lifts on a single unit basis; This part of ISO 25745 applies to passenger and goods passenger lifts with rated speeds greater than 0,15 m/s and only considers the energy performance during the operational portion of the life cycle of the lifts. NOTE For other types of lifts (e.g. service lifts, lifting platforms, etc.), this part of ISO 25745 can be taken as a reference. This part of ISO 25745 does not cover energy aspects, which affect the measurements, calculations, and simulations, such as the following: a) hoistway lighting; b) heating and cooling equipment in the lift car; c) machine room lighting; d) machine room heating, ventilation, and air conditioning; e) non-lift display systems, CCTV security cameras, etc.; f) non-lift monitoring systems (e.g. building management systems, etc.); g) effect of lift group dispatching on energy consumption; h) environmental conditions; i) consumption through the power sockets;

Keel: en

Alusdokumendid: EN ISO 25745-2:2015; ISO 25745-2:2015; ISO 25745-2:2015/Amd 1:2023; EN ISO 25745-2:2015/A1:2023

Konsolideerib dokumenti: EVS-EN ISO 25745-2:2015

Konsolideerib dokumenti: EVS-EN ISO 25745-2:2015/A1:2023

93 RAJATISED

EVS-EN 13877-1:2023

Concrete pavements - Part 1: Materials

This document specifies requirements for the constituents (concrete and other materials) of concrete pavements, cast in situ. Concrete compacted by rollers is not covered by this document. This document covers concrete pavements for roads and other traffic-bearing structures.

Keel: en

Alusdokumendid: EN 13877-1:2023

Asendab dokumenti: EVS-EN 13877-1:2013

EVS-EN 13877-2:2023

Concrete pavements - Part 2: Functional requirements for concrete pavements

This document specifies requirements for concrete pavements cast in situ. Concrete compacted by rollers is not covered by this document. This document covers concrete pavements for roads and other traffic-bearing structures.

Keel: en

Alusdokumendid: EN 13877-2:2023

Asendab dokumenti: EVS-EN 13877-2:2013

EVS-EN 17670-2:2023

Plastics piping systems for non-pressure underground conveyance of surface water - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Specification for road gullies

This document specifies the definitions and requirements for unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) road gullies intended for use in non-pressure underground drains and sewers for surface water having a maximum depth of 4 m from ground level to the lowest point of the internal surface of the road gully. Road gullies complying with this document are intended to be used in pedestrian or vehicular traffic areas outside the building structure. NOTE 1 Products complying with this document can also be used in non-traffic areas. NOTE 2 Road gullies can be subject to national regulation which limit the maximum installation depth and / or local provisions. The installer checks for compliance prior to installation. Road gullies complying with this document are made from a prescribed set of components that are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) and assembled together. Road gullies complying with this document may be equipped with optional devices (e.g. removable sand or silt bucket, leaf separator etc.), however the performance of these optional devices is not covered within the scope of this document. Road gully components can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, low-pressure moulding, blow moulding, thermoforming or fabricated. NOTE 3 Products complying with this document can be installed in underground applications without additional static calculation. NOTE 4 The complete road gully assembly can also include non-plastic items (near surface or surface components for example) which are not covered by this document. NOTE 5 The complete road gully assembly can be supplied with covers, frame covers and gratings complying with the relevant part of EN 124 which are not covered by this document. However, reference is made to this document for geometrical characteristics where applicable. NOTE 6 Road gullies can be site assembled from different components, but can also be manufactured as a single unit. This document covers: - road gullies with or without sand / silt trap; - road gullies with or without water seal preventing odour release; - road gullies where the traffic load will or will not be carried by the complete gully (resp. "Direct loaded gullies" or "Indirect loaded gullies").

Keel: en

Alusdokumendid: EN 17670-2:2023

EVS-EN IEC 60335-2-2:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

This European Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: IEC 60335-2-2:2019; EN IEC 60335-2-2:2023

Asendab dokumenti: EVS-EN 60335-2-2:2010

Asendab dokumenti: EVS-EN 60335-2-2:2010/A1:2013

Asendab dokumenti: EVS-EN 60335-2-2:2010/A11:2012

EVS-EN IEC 60335-2-2:2023/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

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Keel: en

Alusdokumendid: EN IEC 60335-2-2:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-2:2023

EVS-EN IEC 60704-2-13:2023

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for cooking fume extractors

IEC 60704-2-13:2023 applies to cooking fume extractors for household and similar use intended for filtering the air of a room or for exhausting the air out of a room, including their accessories and their component parts. It also applies to cooking fume extractors where the fan is mounted separately from the appliance inside or outside of the room where the appliance is located, but controlled by the appliance when the fan is defined in the technical documentation. This document deals also with down-draft systems that are arranged beside, behind or under the cooking appliance. Measurements carried out in accordance with this document determine the noise emission into the room, from which cooking fumes are extracted. Noise emission to the outside (e.g. through air ducts) are not considered. This fourth edition cancels and replaces the third edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with IEC 61591:2023; b) change of title, scope and definitions 3.103 and 3.104: this document deals with cooking fume extractors (this covers range hoods and down-draft systems); c) exhaust pipe of down-draft systems specified; d) built-in range hoods in recirculation mode with an air outlet device specified; e) alignment with IEC 60704-1:2021. This document is to be used in conjunction with IEC 60704-1:2021.

Keel: en

Alusdokumendid: IEC 60704-2-13:2023; EN IEC 60704-2-13:2023

Asendab dokumenti: EVS-EN 60704-2-13:2017

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-ISO 2789:2014

Informatsioon ja dokumentatsioon. Rahvusvaheline raamatukogustatistika Information and documentation - International library statistics (ISO 2789:2013)

Keel: en, et

Alusdokumendid: ISO 2789:2013

Asendatud järgmise dokumendiga: EVS-ISO 2789:2023

Standardi staatus: Kehtetu

ISO Guide 73:2009 et

Riskihaldus. Sõnavara Risk management - Vocabulary

Keel: et

Alusdokumendid: ISO Guide 73:2009

Standardi staatus: Kehtetu

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

EVS-EN 9101:2018

Quality Management Systems - Audit Requirements for Aviation, Space, and Defence Organisations

Keel: en

Alusdokumendid: EN 9101:2018

Asendatud järgmise dokumendiga: EVS-EN 9101:2023

Standardi staatus: Kehtetu

EVS-EN 9103:2015

Aerospace series - Quality management systems - Variation management of key characteristics

Keel: en

Alusdokumendid: EN 9103:2014

Asendatud järgmise dokumendiga: EVS-EN 9103:2023

Parandatud järgmise dokumendiga: EVS-EN 9103:2015/AC:2015

Standardi staatus: Kehtetu

EVS-EN 9103:2015/AC:2015

Aerospace series - Quality management systems - Variation management of key characteristics

Keel: en

Alusdokumendid: EN 9103:2014/AC:2015

Asendatud järgmise dokumendiga: EVS-EN 9103:2023

Standardi staatus: Kehtetu

ISO Guide 73:2009 et

Riskihaldus. Sõnavara Risk management - Vocabulary

Keel: et

Alusdokumendid: ISO Guide 73:2009

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 13697:2015+A1:2019

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - Test method and requirements without mechanical action (phase 2, step 2)

Keel: en

Alusdokumendid: EN 13697:2015+A1:2019

Asendatud järgmise dokumendiga: EVS-EN 13697:2023

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 16637-1:2018

Construction products - Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps

Keel: en

Alusdokumendid: CEN/TS 16637-1:2018

Asendatud järgmise dokumendiga: EVS-EN 16637-1:2023

Standardi staatus: Kehtetu

CEN/TS 16637-2:2014

Ehitustooted. Ohtlike ainete eraldumise hindamine. Osa 2: Dünaamiline pinna leostamise katse
Construction products - Assessment of release of dangerous substances - Part 2: Horizontal dynamic surface leaching test

Keel: en

Alusdokumendid: CEN/TS 16637-2:2014

Asendatud järgmise dokumendiga: EVS-EN 16637-2:2023

Standardi staatus: Kehtetu

CEN/TS 16637-3:2016

Construction products - Assessment of release of dangerous substances - Part 3: Horizontal up-flow percolation test

Keel: en

Alusdokumendid: CEN/TS 16637-3:2016

Asendatud järgmise dokumendiga: EVS-EN 16637-3:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-2:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

Keel: en

Alusdokumendid: IEC 60335-2-2:2009; EN 60335-2-2:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-2:2023

Muudetud järgmise dokumendiga: EN 60335-2-2:2010/FprA2:2015

Muudetud järgmise dokumendiga: EN 60335-2-2:2010/prAC

Muudetud järgmise dokumendiga: EVS-EN 60335-2-2:2010/A1:2013

Muudetud järgmise dokumendiga: EVS-EN 60335-2-2:2010/A11:2012

Standardi staatus: Kehtetu

EVS-EN 60335-2-2:2010/A1:2013

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2:2009/A1:2012)

Keel: en

Alusdokumendid: IEC 60335-2-2:2009/A1:2012; EN 60335-2-2:2010/A1:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-2:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-2:2010/A11:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veimemis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

Keel: en

Alusdokumendid: EN 60335-2-2:2010/A11:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-2:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele

Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

Keel: en

Alusdokumendid: IEC 60335-2-7:2008; EN 60335-2-7:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Muudetud järgmise dokumendiga: EVS-EN 60335-2-7:2010/A1:2013

Muudetud järgmise dokumendiga: EVS-EN 60335-2-7:2010/A11:2013

Muudetud järgmise dokumendiga: EVS-EN 60335-2-7:2010/A2:2019

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010/A1:2013

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele

Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines (IEC 60335-2-7:2008/A1:2011, modified)

Keel: en

Alusdokumendid: IEC 60335-2-7:2008/A1:2011; EN 60335-2-7:2010/A1:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010/A11:2013

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele

Household and similar electrical appliances - Safety -- Part 2-7: Particular requirements for washing machines

Keel: en

Alusdokumendid: EN 60335-2-7:2010/A11:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010/A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele

Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

Keel: en

Alusdokumendid: EN 60335-2-7:2010/A2:2019; IEC 60335-2-7:2008/A2:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60704-2-13:2017

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for range hoods and other cooking fume extractors

extractors

Keel: en

Alusdokumendid: IEC 60704-2-13:2016; EN 60704-2-13:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-13:2023

Standardi staatus: Kehtetu

EVS-EN 62056-5-3:2017

Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer

Keel: en
Alusdokumendid: IEC 62056-5-3:2017; EN 62056-5-3:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62056-5-3:2023
Standardi staatus: Kehtetu

EVS-EN IEC 62056-6-2:2018

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes

Keel: en
Alusdokumendid: IEC 62056-6-2:2017; EN IEC 62056-6-2:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62056-6-2:2023
Standardi staatus: Kehtetu

19 KATSETAMINE

CEN/TS 16637-1:2018

Construction products - Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps

Keel: en
Alusdokumendid: CEN/TS 16637-1:2018
Asendatud järgmise dokumendiga: EVS-EN 16637-1:2023
Standardi staatus: Kehtetu

CEN/TS 16637-2:2014

Ehitustooted. Ohtlike ainete eraldumise hindamine. Osa 2: Dünaamiline pinna leostamise katse Construction products - Assessment of release of dangerous substances - Part 2: Horizontal dynamic surface leaching test

Keel: en
Alusdokumendid: CEN/TS 16637-2:2014
Asendatud järgmise dokumendiga: EVS-EN 16637-2:2023
Standardi staatus: Kehtetu

CEN/TS 16637-3:2016

Construction products - Assessment of release of dangerous substances - Part 3: Horizontal up-flow percolation test

Keel: en
Alusdokumendid: CEN/TS 16637-3:2016
Asendatud järgmise dokumendiga: EVS-EN 16637-3:2023
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 60335-2-51:2003

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

Keel: en
Alusdokumendid: IEC 60335-2-51:2002; EN 60335-2-51:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-51:2023
Muudetud järgmise dokumendiga: EVS-EN 60335-2-51:2003/A1:2008
Muudetud järgmise dokumendiga: EVS-EN 60335-2-51:2003/A2:2012
Standardi staatus: Kehtetu

EVS-EN 60335-2-51:2003/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele Household and similar electrical appliances - Safety -- Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

Keel: en

Alusdokumendid: IEC 60335-2-51:2002/A1:2008; EN 60335-2-51:2003/A1:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-51:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-51:2003/A2:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele
Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

Keel: en
Alusdokumendid: IEC 60335-2-51:2002/A2:2011; EN 60335-2-51:2003/A2:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-51:2023
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOGIA

EVS-EN ISO 14919:2015

Thermal spraying - Wires, rods and cords for flame and arc spraying - Classification - Technical supply conditions (ISO 14919:2015)

Keel: en
Alusdokumendid: ISO 14919:2015; EN ISO 14919:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 14919:2023
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50655-1:2017

Electric cables - Accessories - Material characterization - Part 1: Fingerprinting for resinous compounds

Keel: en
Alusdokumendid: EN 50655-1:2017
Asendatud järgmise dokumendiga: EVS-EN 50655-1:2023
Standardi staatus: Kehtetu

EVS-EN 60691:2016

Soojuslingid. Nõuded ja rakendusjuhised
Thermal-links - Requirements and application guide

Keel: en
Alusdokumendid: IEC 60691:2015; IEC 60691:2015/COR1:2016; EN 60691:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60691:2023
Muudetud järgmise dokumendiga: EVS-EN 60691:2016/A1:2019
Standardi staatus: Kehtetu

EVS-EN 60691:2016/A1:2019

Soojuslingid. Nõuded ja rakendusjuhised
Thermal-links - Requirements and application guide

Keel: en
Alusdokumendid: IEC 60691:2015/A1:2019; EN 60691:2016/A1:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60691:2023
Standardi staatus: Kehtetu

EVS-EN 62271-105:2012

High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV (IEC 62271-105:2012)

Keel: en
Alusdokumendid: IEC 62271-105:2012; EN 62271-105:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62271-105:2023
Standardi staatus: Kehtetu

EVS-EN IEC 63356-1:2022

LED light source characteristics - Part 1: Data sheets

Keel: en
Alusdokumendid: IEC 63356-1:2022; EN IEC 63356-1:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 63356-1:2023

Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 62056-5-3:2017

Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer

Keel: en

Alusdokumendid: IEC 62056-5-3:2017; EN 62056-5-3:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 62056-5-3:2023

Standardi staatus: Kehtetu

EVS-EN IEC 62056-6-2:2018

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes

Keel: en

Alusdokumendid: IEC 62056-6-2:2017; EN IEC 62056-6-2:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 62056-6-2:2023

Standardi staatus: Kehtetu

EVS-EN ISO 21549-5:2016

Health informatics - Patient healthcard data - Part 5: Identification data (ISO 21549-5:2015)

Keel: en

Alusdokumendid: ISO 21549-5:2015; EN ISO 21549-5:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 21549-5:2023

Standardi staatus: Kehtetu

EVS-EN ISO/IEC 18045:2020

Information technology - Security techniques - Methodology for IT security evaluation (ISO/IEC 18045:2008)

Keel: en

Alusdokumendid: ISO/IEC 18045:2008; EN ISO/IEC 18045:2020

Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 18045:2023

Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2665-001:2014

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 A - Part 001: Technical specification

Keel: en

Alusdokumendid: EN 2665-001:2013

Asendatud järgmise dokumendiga: EVS-EN 2665-001:2023

Standardi staatus: Kehtetu

EVS-EN 2794-001:2014

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated current 20 A to 50 A - Part 001: Technical specification

Keel: en

Alusdokumendid: EN 2794-001:2014

Asendatud järgmise dokumendiga: EVS-EN 2794-001:2023

Standardi staatus: Kehtetu

EVS-EN 2995-001:2006

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated current 1 A to 25 A - Part 001: Technical specification

Keel: en

Alusdokumendid: EN 2995-001:2006

Asendatud järgmise dokumendiga: EVS-EN 2995-001:2023

Standardi staatus: Kehtetu

EVS-EN 2996-001:2006

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated current 1 A to 25 A - Part 001: Technical specification

Keel: en
Alusdokumendid: EN 2996-001:2006
Asendatud järgmise dokumendiga: EVS-EN 2996-001:2023
Standardi staatus: Kehtetu

EVS-EN 9101:2018

Quality Management Systems - Audit Requirements for Aviation, Space, and Defence Organisations

Keel: en
Alusdokumendid: EN 9101:2018
Asendatud järgmise dokumendiga: EVS-EN 9101:2023
Standardi staatus: Kehtetu

EVS-EN 9103:2015

Aerospace series - Quality management systems - Variation management of key characteristics

Keel: en
Alusdokumendid: EN 9103:2014
Asendatud järgmise dokumendiga: EVS-EN 9103:2023
Parandatud järgmise dokumendiga: EVS-EN 9103:2015/AC:2015
Standardi staatus: Kehtetu

EVS-EN 9103:2015/AC:2015

Aerospace series - Quality management systems - Variation management of key characteristics

Keel: en
Alusdokumendid: EN 9103:2014/AC:2015
Asendatud järgmise dokumendiga: EVS-EN 9103:2023
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 13697:2015+A1:2019

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - Test method and requirements without mechanical action (phase 2, step 2)

Keel: en
Alusdokumendid: EN 13697:2015+A1:2019
Asendatud järgmise dokumendiga: EVS-EN 13697:2023
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 17306:2019

Liquid petroleum products - Determination of distillation characteristics at atmospheric pressure - Micro-distillation

Keel: en
Alusdokumendid: EN 17306:2019
Asendatud järgmise dokumendiga: EVS-EN 17306:2023
Standardi staatus: Kehtetu

EVS-EN ISO 19905-1:2016

Petroleum and natural gas industries - Site-specific assessment of mobile offshore units - Part 1: Jack-ups (ISO 19905-1:2016)

Keel: en
Alusdokumendid: ISO 19905-1:2016; EN ISO 19905-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 19905-1:2023
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 26443:2016

Fine ceramics (advanced ceramics, advanced technical ceramics) - Rockwell indentation test for evaluation of adhesion of ceramic coatings (ISO 26443:2008)

Keel: en

Alusdokumendid: ISO 26443:2008; EN ISO 26443:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 26443:2023

Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 2811-3:2011

Paints and varnishes - Determination of density - Part 3: Oscillation method (ISO 2811-3:2011)

Keel: en

Alusdokumendid: ISO 2811-3:2011; EN ISO 2811-3:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 2811-3:2023

Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

CEN/TS 16637-1:2018

Construction products - Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps

Keel: en

Alusdokumendid: CEN/TS 16637-1:2018

Asendatud järgmise dokumendiga: EVS-EN 16637-1:2023

Standardi staatus: Kehtetu

CEN/TS 16637-2:2014

Ehitustooted. Ohtlike ainete eraldumise hindamine. Osa 2: Dünaamiline pinna leostamise katse Construction products - Assessment of release of dangerous substances - Part 2: Horizontal dynamic surface leaching test

Keel: en

Alusdokumendid: CEN/TS 16637-2:2014

Asendatud järgmise dokumendiga: EVS-EN 16637-2:2023

Standardi staatus: Kehtetu

CEN/TS 16637-3:2016

Construction products - Assessment of release of dangerous substances - Part 3: Horizontal up-flow percolation test

Keel: en

Alusdokumendid: CEN/TS 16637-3:2016

Asendatud järgmise dokumendiga: EVS-EN 16637-3:2023

Standardi staatus: Kehtetu

EVS-EN 14488-3:2006

Testing sprayed concrete - Part 3: Flexural strengths (first peak, ultimate and residual) of fibre reinforced beam specimens

Keel: en

Alusdokumendid: EN 14488-3:2006

Asendatud järgmise dokumendiga: EVS-EN 14488-3:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-51:2003/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele Household and similar electrical appliances - Safety -- Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

Keel: en

Alusdokumendid: IEC 60335-2-51:2002/A1:2008; EN 60335-2-51:2003/A1:2008

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-51:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-51:2003/A2:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations

Keel: en

Alusdokumendid: IEC 60335-2-51:2002/A2:2011; EN 60335-2-51:2003/A2:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-51:2023

Standardi staatus: Kehtetu

EVS-EN 62056-5-3:2017

Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer

Keel: en

Alusdokumendid: IEC 62056-5-3:2017; EN 62056-5-3:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 62056-5-3:2023

Standardi staatus: Kehtetu

EVS-EN IEC 62056-6-2:2018

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes

Keel: en

Alusdokumendid: IEC 62056-6-2:2017; EN IEC 62056-6-2:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 62056-6-2:2023

Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 13877-1:2013

Concrete pavements - Part 1: Materials

Keel: en

Alusdokumendid: EN 13877-1:2013

Asendatud järgmise dokumendiga: EVS-EN 13877-1:2023

Standardi staatus: Kehtetu

EVS-EN 13877-2:2013

Concrete pavements - Part 2: Functional requirements for concrete pavements

Keel: en

Alusdokumendid: EN 13877-2:2013

Asendatud järgmise dokumendiga: EVS-EN 13877-2:2023

Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 60335-2-2:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

Keel: en

Alusdokumendid: IEC 60335-2-2:2009; EN 60335-2-2:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-2:2023

Muudetud järgmise dokumendiga: EN 60335-2-2:2010/FprA2:2015

Muudetud järgmise dokumendiga: EN 60335-2-2:2010/prAC

Muudetud järgmise dokumendiga: EVS-EN 60335-2-2:2010/A1:2013

Muudetud järgmise dokumendiga: EVS-EN 60335-2-2:2010/A11:2012

Standardi staatus: Kehtetu

EVS-EN 60335-2-2:2010/A1:2013

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2:2009/A1:2012)

Keel: en

Alusdokumendid: IEC 60335-2-2:2009/A1:2012; EN 60335-2-2:2010/A1:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-2:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-2:2010/A11:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

Keel: en

Alusdokumendid: EN 60335-2-2:2010/A11:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-2:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele
Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

Keel: en

Alusdokumendid: IEC 60335-2-7:2008; EN 60335-2-7:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Muudetud järgmise dokumendiga: EVS-EN 60335-2-7:2010/A1:2013

Muudetud järgmise dokumendiga: EVS-EN 60335-2-7:2010/A11:2013

Muudetud järgmise dokumendiga: EVS-EN 60335-2-7:2010/A2:2019

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010/A1:2013

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele
Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines (IEC 60335-2-7:2008/A1:2011, modified)

Keel: en

Alusdokumendid: IEC 60335-2-7:2008/A1:2011; EN 60335-2-7:2010/A1:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010/A11:2013

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele
Household and similar electrical appliances - Safety -- Part 2-7: Particular requirements for washing machines

Keel: en

Alusdokumendid: EN 60335-2-7:2010/A11:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-7:2010/A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-7: Erinõuded pesumasinatele
Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

Keel: en

Alusdokumendid: EN 60335-2-7:2010/A2:2019; IEC 60335-2-7:2008/A2:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-7:2023

Standardi staatus: Kehtetu

EVS-EN 60704-2-13:2017

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for range hoods and other cooking fume extractors

Keel: en

Alusdokumendid: IEC 60704-2-13:2016; EN 60704-2-13:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-13:2023

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;
- käsitusala;
- 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

prEVS JUHEND 2

Eesti standardi ja EVS-i standardilaadse dokumendi koostamine Development of an Estonian Standard and of an EVS publication

See juhend käsitleb algupärase Eesti standardi ning tõlkemeetodil ülevõetava rahvusvahelise või Euroopa standardi koostamisetpaneku esitamist ja menetlemist, kavandi koostamist, arvamusküsitlust või kommenteerimist, kavandi heakskiitmist, kinnitamist, standardi avaldamist ja levitamist. Samuti käsitleb see EVS-i standardilaadsete dokumentide koostamist ning standardilaadsete dokumentide tõlkimist. Juhendis on toodud ka Eesti standardi muudatuste koostamise, uustöötluse ja tühistamise protseduurid. Juhend ei käsitle rahvusvahelise või Euroopa standardi ülevõtmist Eesti standardiks ümbertrüki meetodil või jõustumisteate meetodil.

Keel: et

Asendab dokumenti: EVS JUHEND 2:2018

Arvamusküsitluse lõppkuupäev: 14.12.2023

prEVS-ISO 6107

Vee kvaliteet. Terminoloogia Water quality — Vocabulary (ISO 6107:2021, identical)

See dokument määratleb teatud veekvaliteedi iseloomustamise valdkondades kasutatavad terminid.

Keel: en

Alusdokumendid: ISO 6107:2021

Arvamusküsitluse lõppkuupäev: 13.01.2024

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

prEN IEC 60300-3-10:2023

Dependability management - Part 3-10: Application guide - Maintainability and maintenance

This part of IEC 60300 gives guidance to managers and technical and financial personnel on the basic principles of maintainability and maintenance activities that are applicable to any organization.. This document describes: – the value and nature of maintainability and maintenance characteristics; – the interfaces between maintainability and related dependability attributes of reliability and supportability, as well as potential trade-offs that can be made through the interfaces during the life cycle of an item; – the elements of maintainability and maintenance programmes; – the application of maintainability and maintenance programmes throughout the life cycle; – assurance of meeting maintainability and maintenance requirements; – maintainability and maintenance data and information management. This document is applicable to equipment, software, services, or structures, and gives guidance on matters of common interest to any business supplying, purchasing or sustaining products, services, or structures.

Keel: en

Alusdokumendid: 56/2007/CDV; prEN IEC 60300-3-10:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 22360

Security and resilience - Crisis management - Concept, principles and framework (ISO/DTS 22360:2023)

Crises conditions may manifest themselves throughout all elements of global society and significantly impact upon the goals and objectives of nations, regional and urban areas, communities, organizations (both public sector and private enterprise) and individual people. Crises may arise from failures to effectively manage security of assets, information, reputations or sovereign risks to governments or organizations or to provide safety and protection of members of society from personal injury, loss or harm. The development of a Crisis Management Framework under which all related standards for crisis management can be developed within the proposed WG9 provides a logical and consistent approach within this new branch of study for TC 292.

Keel: en

Alusdokumendid: ISO/DTS 22360; prEN ISO 22360

Arvamusküsitluse lõppkuupäev: 13.01.2024

07 LOODUS- JA RAKENDUSTEADUSED

prEN 18033

Food authenticity - Quantitation of equine DNA relative to mammalian DNA in raw beef (meat)

This document specifies a real-time PCR procedure for the quantitation of the amount of equine DNA relative to total mammalian DNA in a raw meat sample. Results of this equine assay are expressed in terms of equine (*Equus* genus) haploid genome copy numbers relative to total mammalian haploid genome copy numbers. This assay is specific for representatives of the genus *Equus* and therefore detects horse, mule, donkey and zebra DNA. The method has been previously validated in a collaborative trial and applied to DNA extracted from samples that consist of raw horse meat in a raw beef (meat) background. The limit of detection has been determined experimentally to be at least 9 genomic equivalent copies (~ 17 haploid target gene copies) for both the horse genome (*E. caballus*) and mammalian genome (raw meat samples) based on the lowest dilution on the respective calibration curves through single laboratory validation. The lowest relative horse content of the target sequence included in the collaborative trial was a mass fraction of 0,1 % based on gravimetrically prepared raw horse muscle tissue in a raw beef muscle tissue background. The compliance assessment process is not part of this document.

Keel: en

Alusdokumendid: prEN 18033

Arvamusküsitluse lõppkuupäev: 13.01.2024

11 TERVISEHOOLDUS

prEN 18029

Animal health diagnostic analyses - Electronic data exchange in laboratory analysis

This document specifies a common data exchange format (i.e., format of the messages and the dictionary of all the items that compose the message) between the prescribers and the laboratories in the animal health sector. This document is intended for prescribers (purchasers) and service providers in charge of collecting samples and conducting analyses (including analysis laboratories) that want to computerize and standardize their data exchanges, particularly in the animal health sector. This document excludes the code lists that are required for unambiguous data exchange.

Keel: en

Alusdokumendid: prEN 18029

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 20342-5

Assistive products for tissue integrity when lying down – Part 5: Resistance to cleaning and disinfection (ISO/DIS 20342-5:2023)

To propose test methods to evaluate the resistance of APTIs (assistive products for tissue integrity) against cleaning and disinfection with liquid chemical disinfectants.

Keel: en

Alusdokumendid: ISO/DIS 20342-5; prEN ISO 20342-5

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 7396-3

Medical gas pipeline systems - Part 3: Proportioning units for the production of synthetic medical air (ISO/DIS 7396-3:2023)

This standard applies to proportioning units intended to produce synthetic medical air and air for driving surgical tools by mixing in defined proportions oxygen and nitrogen. This standard applies to proportioning units intended to be components of a medical gas supply system for medical air which supplies a medical gas pipeline distribution system complying with ISO 7396-1. The number of proportioning units within the medical air supply system and their combination with other sources of supply (e.g. cylinder manifolds) to ensure that the supply system consists of at least three sources of supply is outside the scope of this standard. Requirements for the supply systems for medical air are given in ISO 7396-1.

Keel: en

Alusdokumendid: ISO/DIS 7396-3; prEN ISO 7396-3

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 17188

Materials obtained from End-of-Life Tyres (ELT) - Sampling method for granulates and powders stored in big-bags and small-bags

This document specifies methods for obtaining a sample of rubber granulates or powders derived from end-of-life tyres which have been stored in big-bags and small-bags. Several sample increments at different levels within the bag are obtained, which represent the average particle size distribution within the bag. From these sample increments, a representative sample is derived. The methods described in this standard may be used, for example, when the samples are to be tested for bulk density, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, and impurities.

Keel: en

Alusdokumendid: prEN 17188

Asendab dokumenti: CEN/TS 17188:2018

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 14071

Environmental management - Life cycle assessment - Critical review processes and reviewer competencies: Additional requirements and guidelines to ISO 14044:2006 (ISO/DIS 14071:2023)

ISO 14071 provides additional specifications to ISO 14040:2006 and ISO 14044:2006. It provides requirements and guidelines for conducting a critical review of any type of LCA study and the competencies required for the review. ISO/TS 14071:2014 provides: details of a critical review process, including clarification with regard to ISO 14044:2006; guidelines to deliver the required critical review process, linked to the goal of the life cycle assessment (LCA) and its intended use; content and deliverables of the critical review process; guidelines to improve the consistency, transparency, efficiency and credibility of the critical review process; the required competencies for the reviewer(s) (internal, external and panel member); the required competencies to be represented by the panel as a whole. ISO 14071 does not cover the applications of LCA.

Keel: en

Alusdokumendid: ISO/DIS 14071:2023; prEN ISO 14071

Asendab dokumenti: CEN ISO/TS 14071:2016

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 18589-3

Measurement of radioactivity in the environment - Soil - Part 3: Test method of gamma-emitting radionuclides using gamma-ray spectrometry (ISO 18589-3:2023)

This document specifies the identification and the measurement of the activity in soils of a large number of gamma-emitting radionuclides using gamma spectrometry. This non-destructive method, applicable to large-volume samples (up to about 3 l), covers the determination in a single measurement of all the γ -emitters present for which the photon energy is between 5 keV and 3 MeV. Generic test method and fundamentals using gamma-ray spectrometry are described in ISO 20042. This document can be applied by test laboratories performing routine radioactivity measurements as a majority of gamma-emitting radionuclides is characterized by gamma-ray emission between 40 keV and 2 MeV. The method can be implemented using a germanium or other type of detector with a resolution better than 5 keV. This document addresses methods and practices for determining gamma-emitting radionuclides activity present in soil, including rock from bedrock and ore, construction materials and products, pottery, etc. This includes such soils and material containing naturally occurring radioactive material (NORM) or those from technological processes involving Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) (e.g. the mining and processing of mineral sands or phosphate fertilizer production and use) as well as of sludge and sediment. This determination of gamma-emitting radionuclides activity is typically performed for the purpose of radiation protection. It is suitable for the surveillance of the environment and the inspection of a site and allows, in case of accidents, a quick evaluation of gamma activity of soil samples. This might concern soils from gardens, farmland, urban or industrial sites that can contain building materials rubble, as well as soil not affected by human activities. When the radioactivity characterization of the unsieved material above 200 μm or 250 μm , made of petrographic nature or of anthropogenic origin such as building materials rubble, is required, this material can be crushed in order to obtain a homogeneous sample for testing as described in ISO 18589-2.

Keel: en

Alusdokumendid: ISO 18589-3:2023; prEN ISO 18589-3

Asendab dokumenti: EVS-EN ISO 18589-3:2017

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 22360

Security and resilience - Crisis management - Concept, principles and framework (ISO/DTS 22360:2023)

Crises conditions may manifest themselves throughout all elements of global society and significantly impact upon the goals and objectives of nations, regional and urban areas, communities, organizations (both public sector and private enterprise) and individual people. Crises may arise from failures to effectively manage security of assets, information, reputations or sovereign risks to governments or organizations or to provide safety and protection of members of society from personal injury, loss or harm.

The development of a Crisis Management Framework under which all related standards for crisis management can be developed within the proposed WG9 provides a logical and consistent approach within this new branch of study for TC 292.

Keel: en

Alusdokumendid: ISO/DTS 22360; prEN ISO 22360

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEVS-ISO 6107

Vee kvaliteet. Terminoloogia

Water quality — Vocabulary (ISO 6107:2021, identical)

See dokument määratleb teatud vee kvaliteedi iseloomustamise valdkondades kasutatavad terminid.

Keel: en

Alusdokumendid: ISO 6107:2021

Arvamusküsitluse lõppkuupäev: 13.01.2024

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 16610-21

Geometrical product specifications (GPS) - Filtration - Part 21: Linear profile filters: Gaussian filters (ISO/DIS 16610-21:2023)

ISO 16610-21 specifies the metrological characteristics of the Gaussian filter, for the filtration of profiles. It specifies, in particular, how to separate long and short wave components of a surface profile.

Keel: en

Alusdokumendid: ISO/DIS 16610-21; prEN ISO 16610-21

Asendab dokumenti: EVS-EN ISO 16610-21:2012

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 16610-31

Geometrical product specifications (GPS) - Filtration - Part 31: Robust profile filters: Gaussian regression filters (ISO/DIS 16610-31:2023)

ISO 16610-31 specifies the characteristics of the discrete robust Gaussian regression filter for the evaluation of surface profiles with spike discontinuities such as deep valleys and high peaks.

Keel: en

Alusdokumendid: ISO/DIS 16610-31; prEN ISO 16610-31

Asendab dokumenti: EVS-EN ISO 16610-31:2016

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 18589-3

Measurement of radioactivity in the environment - Soil - Part 3: Test method of gamma-emitting radionuclides using gamma-ray spectrometry (ISO 18589-3:2023)

This document specifies the identification and the measurement of the activity in soils of a large number of gamma-emitting radionuclides using gamma spectrometry. This non-destructive method, applicable to large-volume samples (up to about 3 l), covers the determination in a single measurement of all the γ -emitters present for which the photon energy is between 5 keV and 3 MeV. Generic test method and fundamentals using gamma-ray spectrometry are described in ISO 20042. This document can be applied by test laboratories performing routine radioactivity measurements as a majority of gamma-emitting radionuclides is characterized by gamma-ray emission between 40 keV and 2 MeV. The method can be implemented using a germanium or other type of detector with a resolution better than 5 keV. This document addresses methods and practices for determining gamma-emitting radionuclides activity present in soil, including rock from bedrock and ore, construction materials and products, pottery, etc. This includes such soils and material containing naturally occurring radioactive material (NORM) or those from technological processes involving Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) (e.g. the mining and processing of mineral sands or phosphate fertilizer production and use) as well as of sludge and sediment. This determination of gamma-emitting radionuclides activity is typically performed for the purpose of radiation protection. It is suitable for the surveillance of the environment and the inspection of a site and allows, in case of accidents, a quick evaluation of gamma activity of soil samples. This might concern soils from gardens, farmland, urban or industrial sites that can contain building materials rubble, as well as soil not affected by human activities. When the radioactivity characterization of the unsieved material above 200 μm or 250 μm , made of petrographic nature or of anthropogenic origin such as building materials rubble, is required, this material can be crushed in order to obtain a homogeneous sample for testing as described in ISO 18589-2.

Keel: en

Alusdokumendid: ISO 18589-3:2023; prEN ISO 18589-3

Asendab dokumenti: EVS-EN ISO 18589-3:2017

Arvamusküsitluse lõppkuupäev: 13.01.2024

19 KATSETAMINE

prEN IEC 60068-2-87:2023

Environmental testing - Part 2-87: Tests-test xx: UV-c Exposure of materials and components to simulate ultraviolet germicidal irradiation or other applications

This document describes exposures of materials and components to UV-C radiation during ultraviolet germicidal irradiation (UVGI) treatments or other processes that require UV-C exposure and test procedures to simulate those environments. Severities representing various frequencies and intensities of UV-C exposures are described. Test conditions are described and limited to devices that utilize low pressure mercury lamps which emit most of their radiation at a single spectral line at 254 nm. 141 NOTE A more precise characterization of the wavelength of the spectral line is 253,7 nm. The ability for a laboratory to determine the wavelength to this precision is rare. Therefore, this spectral line is often quantified to the precision of 1 nm.

Keel: en

Alusdokumendid: 104/1023/CDV; prEN IEC 60068-2-87:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 60068-3-6:2023

Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/ humidity chambers

This part of IEC 60068 provides a standardized method of establishing whether temperature as well as temperature and humidity chambers, without specimens, are able to achieve the requirements of the relevant climatic test procedures of IEC 60068-2. This document is intended for users when conducting regular chamber performance monitoring. Guidance on establishing variations and uncertainties of the climatic conditions within environmental test chambers are provided in IEC 60068-3-11. The guidance of that document is intended to be used with an empty climatic test chamber, a chamber containing a test load, or a chamber contain a test specimen undergoing testing. The guidance is particularly applicable when the specimen or test load is large in comparison to the chamber working space, is heat-dissipating or influences the airflow within the chamber. When considering temperature only chambers, the passages in this document related to humidity do not need to be applied.

Keel: en

Alusdokumendid: 104/1022/CDV; prEN IEC 60068-3-6:2023

Asendab dokumenti: EVS-EN IEC 60068-3-6:2018

Asendab dokumenti: EVS-EN IEC 60068-3-6:2018/AC:2018

Arvamusküsitluse lõppkuupäev: 13.01.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 12100

Plastics piping systems - Polyethylene (PE) valves - Test method for resistance to bending between supports

This document specifies a test method for the resistance to bending of a test piece, made of a valve assembled together with two pipes and placed between supports, when subjected to internal pressure. This document is applicable to valves with a polyethylene (PE) body for use with pipes having a nominal outside diameter from greater than 63 mm up to and including 400 mm and intended for the transport of fluids. When specified in the product standard, this document can be applied to valves of material different than PE.

Keel: en

Alusdokumendid: prEN 12100

Asendab dokumenti: EVS-EN 12100:1999

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN 1680

Plastics piping systems - Valves for polyethylene (PE) piping systems - Test method for leaktightness under and after bending applied to the operating mechanisms

This document specifies a test method for PE valves to maintain tightness during and after being subjected to a force, applied as a bending moment to the operating mechanism. Valves according to these standards are intended for use in polyethylene (PE) piping systems for the transport of fluids. When specified in the product document, this document can be applied to valves and plastics pipes of material different than PE.

Keel: en

Alusdokumendid: prEN 1680

Asendab dokumenti: EVS-EN 1680:2000

Arvamusküsitluse lõppkuupäev: 13.01.2024

25 TOOTMISTEHNOLLOOGIA

prEN ISO 52909

Additive manufacturing of metals - Finished part properties - Orientation and location dependence of mechanical properties for metal parts (ISO/ASTM FDIS 52909:2023)

This document covers supplementary guidelines for evaluation of mechanical properties including static/quasi-static and dynamic testing of metals made by additive manufacturing (AM) to provide guidance toward reporting when results from testing of as-built specimen or those excised from printed parts made by this technique or both. This document is provided to leverage already existing standards. Guidelines are provided for mechanical properties measurements and reporting for additively manufactured metallic specimen as well as those excised from parts. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health and environmental practices and determine the applicability of regulatory limitations prior to use. This document expands upon the nomenclature of ISO/ASTM 52900 and principles of ISO/ASTM 52921 and extends them specifically to metal additive manufacturing. The application of this document is primarily intended to provide guidance on orientation designations in cases where meaningful orientation/direction for AM cannot be obtained from available test methods.

Keel: en

Alusdokumendid: ISO/ASTM FDIS 52909; prEN ISO 52909

Asendab dokumenti: EVS-EN ISO/ASTM 52909:2022

Arvamusküsitluse lõppkuupäev: 13.01.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN IEC 61400-1:2019/prA1:2023

Wind energy generation systems - Part 1: Design requirements - Amendment 1

Amendment to EN IEC 61400-1:2019

Keel: en

Alusdokumendid: EN IEC 61400-1:2019/prA1:2023; IEC 61400-1:2019/prAMD1

Muudab dokumenti: EVS-EN IEC 61400-1:2019

Arvamusküsitluse lõppkuupäev: 13.01.2024

29 ELEKTROTEHNIKA

prEN IEC 61643-01:2023

Low-voltage surge protective devices - Part 01: General requirements and test methods

This part 01 of the IEC 61643 series is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages, hereafter referred to as Surge Protective Devices (SPDs). SPDs are intended to be connected to circuits or equipment rated up to 1 000 V AC (RMS) or 1 500 V DC. Performance and safety requirements, tests and ratings are specified in this standard. SPDs contain at least one nonlinear component and are intended to limit surge voltages and divert surge currents.

Keel: en

Alusdokumendid: 37A/401/CDV; prEN IEC 61643-01:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 61643-01:2023/prAA:2023

Low-voltage surge protective devices - Part 01: General Requirements and test methods

Amendment to prEN IEC 61643-01:2023

Keel: en

Alusdokumendid: prEN IEC 61643-01:2023/prAA:2023

Muudab dokumenti: prEN IEC 61643-01:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 61643-11:2023 {frag 2}

Fragment 2: Low-voltage surge protective devices - Part 11: Surge protective devices connected to AC low-voltage power systems - Requirements and test methods

This part of the IEC 61643 series is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages. These devices are intended to be connected to 50/60 Hz AC power circuits and equipment rated up to 1 000 V RMS Performance and safety requirements, tests and ratings are specified in this standard. These devices contain at least one nonlinear component and are intended to limit surge voltages and divert surge currents. The test requirements provided by this standard are based on the assumption that the SPD is connected to an AC power circuit fed by a power source providing a linear voltage-current characteristic. When the SPD is to be connected to a different kind of source or to a different frequency, careful consideration is required. This mainly applies with regard to system and fault conditions to be expected in such a system (e.g. expected short circuit current, TOVstresses). This standard can apply for railway applications, when related product standards do not exist for that area or for certain applications. Based on a risk assessment it may not be necessary to apply all requirements of this standard to SPDs designed for specific power applications only, e.g. circuits with a low power capability,

circuits supplied by nonlinear sources, circuits with protective separation from the utility supply. NOTE 1: More information on risk assessment is provided in IEC Guide 116. NOTE 2: Other exclusions based on national regulations are possible.

Keel: en

Alusdokumendid: 37A/404/CDV; prEN IEC 61643-11:2023 {frag 2}

Asendab dokumenti: EVS-EN 61643-11:2012

Asendab dokumenti: EVS-EN 61643-11:2012/A11:2018

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 61643-11:2023 {frag1}

Fragment 1: Low-voltage surge protective devices - Part 11: Surge protective devices connected to AC low-voltage power systems - Requirements and test methods

This part of the IEC 61643 series is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages. These devices are intended to be connected to 50/60 Hz AC power circuits and equipment rated up to 1 000 V RMS. Performance and safety requirements, tests and ratings are specified in this standard. These devices contain at least one nonlinear component and are intended to limit surge voltages and divert surge currents. The test requirements provided by this standard are based on the assumption that the SPD is connected to an AC power circuit fed by a power source providing a linear voltage-current characteristic. When the SPD is to be connected to a different kind of source or to a different frequency, careful consideration is required. This mainly applies with regard to system and fault conditions to be expected in such a system (e.g. expected short circuit current, TOV-stresses). This standard can apply for railway applications, when related product standards do not exist for that area or for certain applications. Based on a risk assessment it may not be necessary to apply all requirements of this standard to SPDs designed for specific power applications only, e.g. circuits with a low power capability, circuits supplied by nonlinear sources, circuits with protective separation from the utility supply. NOTE 1: More information on risk assessment is provided in IEC Guide 116. NOTE 2: Other exclusions based on national regulations are possible.

Keel: en

Alusdokumendid: 37A/403/CDV; prEN IEC 61643-11:2023 {frag1}

Asendab dokumenti: EVS-EN 61643-11:2012

Asendab dokumenti: EVS-EN 61643-11:2012/A11:2018

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 61643-11:2023/prAA:2023

Low-voltage surge protective devices - Part 11: Surge protective devices connected to AC low-voltage power systems - Requirements and test methods

Amendment to prEN IEC 61643-11:2023

Keel: en

Alusdokumendid: prEN IEC 61643-11:2023/prAA:2023

Muudab dokumenti: prEN IEC 61643-11:2023 {frag 2}

Muudab dokumenti: prEN IEC 61643-11:2023 {frag1}

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 63380-1:2023

Local charging station management systems and local energy management systems network connectivity and information exchange - Part 1: General requirements, use cases and abstract messages

This IEC 63380 series defines the secure information exchange between local energy management systems and electric vehicle charging stations. The local energy management systems communicate to the charging station controllers via the resource manager. This IEC 63380 series specifies use cases, the sequences of information exchange, the data models as well as the communication protocols to be used and shall cover all aspects of local energy management of charging stations. This IEC 63380 series covers scenarios where the charging infrastructure is managed by the operator of the private electrical network, and local energy management systems are used for local load management. This IEC 63380 series does not cover the secure information exchange between the charging station and the IT backend system(s), such as the management of energy transfer of the charge session, contractual and billing data, provided by the IT backend. The IEC 63380 series consists of the following structure, describing the interface between charging stations and local energy management systems. • Part -1 General Requirements, Use Cases and abstract Messages • Part -2 Specific Data Model Mapping • Part -3 Communication Protocol and Cybersecurity Specific Aspects • Part -4 Test Specifications This part of IEC 63380 specifies use cases, the sequences of information exchange and generic data models.

Keel: en

Alusdokumendid: 69/913/CDV; prEN IEC 63380-1:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 61643-41:2023

Low-voltage surge protective devices - Part 41: Surge protective devices connected to DC low-voltage power systems - Requirements and test methods

This part of the IEC 61643 series is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages. These devices are intended to be connected to DC power circuits and equipment rated up to 1 500 V DC. Performance and safety requirements, tests and ratings are specified in this standard. These devices contain at least one nonlinear component and are intended to limit surge voltages and divert surge currents. The test requirements provided by this standard are based on the assumption that the SPD is connected to a DC power circuit fed by a power source providing a linear voltage-current characteristic. When the SPD is to be connected to a different kind of source, careful consideration is required. This mainly applies with regard to system and fault conditions to be expected in such a system (e.g. expected short circuit current, TOV-stresses). This standard can apply for railway applications, when related product standards do not exist for that area or for certain applications. Based on a risk assessment it may not be necessary to apply all requirements of this standard to SPDs designed for specific power applications only, e.g. circuits with a low power capability, circuits supplied by nonlinear sources, circuits with protective separation from the utility supply. NOTE 1: More information on risk assessment is provided in IEC Guide 116. SPDs for PV applications are not covered by this standard. NOTE 2: Such SPDs for PV applications are covered by IEC 61643-31. NOTE 3: Other exclusions based on national regulations are possible.

Keel: en

Alusdokumendid: 37A/402/CDV; prEN IEC 61643-41:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 61643-41:2023/prAA:2023

Low-voltage surge protective devices - Part 41: Surge protective devices connected to DC low-voltage power systems - Requirements and test methods

Amendment to prEN IEC 61643-41:2023

Keel: en

Alusdokumendid: prEN IEC 61643-41:2023/prAA:2023

Muudab dokumenti: prEN IEC 61643-41:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN 303 797 V2.1.1

Intelligent Transport Systems (ITS); ITS-G5 Access layer in the 5 GHz frequency band; Release 2

The present document defines the access layer for ITS-G5 consisting of the physical layer and the data link layer, as part of the ITS station architecture.

Keel: en

Alusdokumendid: Draft ETSI EN 303 797 V2.1.1

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 60794-1-207:2023

Optical fibre cables - Part 1-207: Generic specification - Basic optical cable test procedures - Environmental test methods - Nuclear radiation, method f7

This part of IEC 60794 describes test procedures to be used in establishing uniform requirements for optical fibre cables for the environmental property- nuclear radiation. This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. Method F7A evaluates performance degradation of optical fibre cable in environmental background radiation; Method F7B evaluates performance degradation of optical fibre cable in adverse nuclear environments. NOTE Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc.

Keel: en

Alusdokumendid: 86A/2384/CDV; prEN IEC 60794-1-207:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 60794-1-208:2023

Optical fibre cables - Part 1-208: Generic specification - Basic optical cable test procedures - Environmental test methods - Pneumatic resistance, method F8

This part of IEC 60794 describes test procedures to be used in establishing uniform requirements for optical fibre cables for the environmental property - pneumatic resistance, for unfilled cables which are protected by gas pressurization. This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. NOTE Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc.

Keel: en
Alusdokumendid: 86A/2383/CDV; prEN IEC 60794-1-208:2023
Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN IEC 60794-1-307:2023

Optical fibre cables - Part 1-307: Generic specification - Basic optical cable test procedures - Cable element test methods - Tube kinking, method G7

This part of IEC 60794 describes test procedures to be used in establishing uniform requirements of optical fibre cable elements for the mechanical property- bending. This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc

Keel: en
Alusdokumendid: prEN IEC 60794-1-307:2023; 86A/2386/CDV

Arvamusküsitluse lõppkuupäev: 14.12.2023

35 INFOTEHNOLOOGIA

prEN 18029

Animal health diagnostic analyses - Electronic data exchange in laboratory analysis

This document specifies a common data exchange format (i.e., format of the messages and the dictionary of all the items that compose the message) between the prescribers and the laboratories in the animal health sector. This document is intended for prescribers (purchasers) and service providers in charge of collecting samples and conducting analyses (including analysis laboratories) that want to computerize and standardize their data exchanges, particularly in the animal health sector. This document excludes the code lists that are required for unambiguous data exchange.

Keel: en
Alusdokumendid: prEN 18029

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEVS-ISO/IEC 27035-2

Infotehnoloogia - Infoturvaitsidentide haldus - Osa 2: Juhised infoturvaitsidentidele reageerimise planeerimiseks ja ettevalmistusteks

Information technology — Information security incident management — Part 2: Guidelines to plan and prepare for incident response

Käesolev dokument annab juhised intsidentidele reageerimise kavandamiseks ja ettevalmistamiseks ning õppetundidest õppimiseks intsidentidele reageerimisel. Juhised põhinevad infoturvaitsidentide halduse mudeli etappidel „kavandamine ja ettevalmistus“ ja „õppetunnid“, mis on esitatud standardis ISO/IEC 27035-1:2023 punktides 5.2 ja 5.6. Kavandamise ja ettevalmistuse etapi põhipunktid on: — koostada ja dokumenteerida infoturvaitsidentide haldamise poliitika ning kehtestada tippjuhtkonna kohustumus, — uuendada infoturvapoliitikat, sealhulgas riskijuhtimisega seotud poliitikat nii organisatsiooni kui ka süsteemi, teenuse ja võrgu tasandil, — luua infoturvaitsidentide halduskava, — määrata kindlaks intsidentidele reageerimise meeskond, — luua ja säilitada asjakohaseid suhted ja sidemed sise- ja välisorganisatsioonidega, — tehniline ja muu toetus (sh organisatsiooniline ja käidutugi), — infoturvaitsidentide haldamise teadlikkuse tõstmise ja koolituse programmid. Õppetundide etapi põhipunktid on: — parendusvaldkondade tuvastamine, — vajalike parenduste tuvastamine ja rakendamine, — intsidentidele reageerimise meeskonna hindamine. Käesolevas dokumendis antud juhised on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata tüübist, suurusest või olemusest. Organisatsioonid saavad selles dokumendis antud juhiseid kohandada vastavalt nende tüübile, suurusele ja äritegevuse iseloomule seoses infoturvariski olukorraga. See dokument kehtib ka infoturvaitsidentide haldusteenuseid pakkuvate väliste organisatsioonide kohta.

Keel: en
Alusdokumendid: ISO/IEC 27035-2:2023
Asendab dokumenti: EVS-ISO/IEC 27035:2012

Arvamusküsitluse lõppkuupäev: 13.01.2024

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 63380-1:2023

Local charging station management systems and local energy management systems network connectivity and information exchange - Part 1: General requirements, use cases and abstract messages

This IEC 63380 series defines the secure information exchange between local energy management systems and electric vehicle charging stations. The local energy management systems communicate to the charging station controllers via the resource manager. This IEC 63380 series specifies use cases, the sequences of information exchange, the data models as well as the communication protocols to be used and shall cover all aspects of local energy management of charging stations. This IEC 63380 series covers scenarios where the charging infrastructure is managed by the operator of the private electrical network, and local energy management systems are used for local load management. This IEC 63380 series does not cover the secure information exchange between the charging station and the IT backend system(s), such as the management of energy transfer of the charge session, contractual and billing data, provided by the IT backend. The IEC 63380 series consists of the following structure,

describing the interface between charging stations and local energy management systems. • Part -1 General Requirements, Use Cases and abstract Messages • Part -2 Specific Data Model Mapping • Part -3 Communication Protocol and Cybersecurity Specific Aspects • Part -4 Test Specifications This part of IEC 63380 specifies use cases, the sequences of information exchange and generic data models.

Keel: en

Alusdokumendid: 69/913/CDV; prEN IEC 63380-1:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

45 RAUDTEETEHNIKA

prEN 15220

Railway applications - Brake indicators

This European Standard specifies the requirements for the design, dimensions, performance and testing of single/double brake indicators. It applies to pneumatically and electrically operating brake indicators visible from the outside of the vehicle. NOTE Brake indicators are for giving information about release and application of the brake. This European Standard applies to brake indicators on railway vehicles used on the main national networks, urban networks, underground railways, trams and private networks (regional railways, company railways etc.). This document does not apply to brake indicator for magnetic track brake or eddy current brake.

Keel: en

Alusdokumendid: prEN 15220

Asendab dokumenti: EVS-EN 15220:2016

Arvamusküsitluse lõppkuupäev: 13.01.2024

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 10239

Small craft - Liquefied petroleum gas (LPG) systems (ISO/DIS 10239:2023)

This document addresses the installation of permanently installed liquefied petroleum gas (LPG) systems and LPG-burning appliances on small craft. This document does not apply to LPG-fuelled propulsion engines or LPG-driven generators. This document addresses cooking appliances with internal LPG cartridges, with a capacity of 225 g or less (See Annex D). This document addresses storage of all LPG cylinders but is not intended to regulate the technical requirements for such cylinders that are subject to national regulations. It does not contain procedures for commissioning new LPG installations or system maintenance or upgrades. Competent persons responsible for commissioning LPG installations should use relevant national codes and procedures appropriate to the country concerned.

Keel: en

Alusdokumendid: prEN ISO 10239; ISO/DIS 10239:2023

Asendab dokumenti: EVS-EN ISO 10239:2017

Arvamusküsitluse lõppkuupäev: 14.12.2023

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 4709-007

Aerospace series - Unmanned Aircraft Systems - Part 007: General product requirements for UAS of classes C5 and C6

This document provides technical specification and verification methods to support compliance with Commission Delegated Regulation (EU) 2019/945 of 12 March 2019 amended by Commission Delegated Regulation (EU) 2020/1058 of 27 April 2020 on unmanned aircraft systems and on third-country operators of unmanned aircraft systems. This includes compliance with product requirements for UAS intended to be operated under a standard scenario in the 'specific' category (class C5 and class C6 UAS). This document covers neither UAS intended to be operated in the "Specific" or "Certified" categories of UAS operations nor UAS lighter than air (e.g. airships and balloons). Compliance with this document assists in complying with CE marking technical requirements. This document is only applicable for UA with energy sources based on electro-chemical technologies. Additional hazards that occur from the characteristics of the payload are excluded and are under the responsibility of the manufacturer and operator. The present document covers requirements expressed in Annex, Part 16 requirements (1), (3), (4) and (6) and Part 17 requirements (1), (3), (6) and (7) of the Regulation 2020/1058.

Keel: en

Alusdokumendid: prEN 4709-007

Arvamusküsitluse lõppkuupäev: 13.01.2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN IEC 63203-201-4:2023

Wearable electronic devices and technologies - Part 201-4: Electronic textile - Test method for determining sheet resistance of conductive fabrics after abrasion

This part of IEC 63203-201 specifies a test procedure to measure electrical resistance of conductive fabrics after abrasion treatment using Martindale abrader. This document is applicable to woven, knitted conductive fabrics, conductive nonwovens, coated conductive fabrics, and embroidery fabrics using conductive yarns.

Keel: en

Alusdokumendid: 124/246/CDV; prEN IEC 63203-201-4:2023

Arvamusküsitluse lõppkuupäev: 13.01.2024

67 TOIDUAINETE TEHNOLOOGIA

prEN 18033

Food authenticity - Quantitation of equine DNA relative to mammalian DNA in raw beef (meat)

This document specifies a real-time PCR procedure for the quantitation of the amount of equine DNA relative to total mammalian DNA in a raw meat sample. Results of this equine assay are expressed in terms of equine (*Equus* genus) haploid genome copy numbers relative to total mammalian haploid genome copy numbers. This assay is specific for representatives of the genus *Equus* and therefore detects horse, mule, donkey and zebra DNA. The method has been previously validated in a collaborative trial and applied to DNA extracted from samples that consist of raw horse meat in a raw beef (meat) background. The limit of detection has been determined experimentally to be at least 9 genomic equivalent copies (~ 17 haploid target gene copies) for both the horse genome (*E. caballus*) and mammalian genome (raw meat samples) based on the lowest dilution on the respective calibration curves through single laboratory validation. The lowest relative horse content of the target sequence included in the collaborative trial was a mass fraction of 0,1 % based on gravimetrically prepared raw horse muscle tissue in a raw beef muscle tissue background. The compliance assessment process is not part of this document.

Keel: en

Alusdokumendid: prEN 18033

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEVS-ISO 1442

Liha ja lihatooted. Niiskusesisalduse määramine. Referentsmeetod

Meat and meat products - Determination of moisture content - Reference method (ISO 1442:2023, identical)

See dokument kirjeldab kahte referentsmeetodit niiskusesisalduse määramiseks lihas ja lihatoodetes: otsene kuivatamise meetod ja destilleerimise meetod. Otsene kuivatamise meetod on rakendatav liha ja lihatoodete puhul, mis sisaldavad lisaks niiskusele vähe lenduvaid aineid. Destilleerimismeetod on rakendatav liha ja lihatoodete puhul, mis sisaldavad lisaks niiskusele ka palju lenduvaid aineid.

Keel: en

Alusdokumendid: ISO 1442:2023

Asendab dokumenti: EVS-ISO 1442:1999

Arvamusküsitluse lõppkuupäev: 13.01.2024

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 23936-4

Oil and gas industries including lower carbon energy - Non-metallic materials in contact with media related to oil and gas production - Part 4: Fiber-reinforced composite (ISO/DIS 23936-4:2023)

This document presents general principles and gives requirements and recommendations for the assessment of stability of non-metallic materials for service in equipment used in oil and gas production environments. This information aids in material selection. It can be applied to help avoid costly degradation failures of the equipment itself, which could pose a risk to the health and safety of the public and personnel or the environment. It supplements but does not replace, the material requirements given in the appropriate design codes, standards or regulations. This document describes the procedures for comparative testing of polymeric composite materials consisting of polymers (thermoplastics and thermosets) and re-enforcing materials e. g. glass, carbon, aramid or metals as continuous fibres or woven fabric used in equipment for oil and gas production. The compounded particulate- and short fibre-reinforced composites have been included in ISO 23936-1 and ISO 23936-3. Mechanical properties and the environmental stability of composite materials depend on the properties and environmental stability of matrix resins, fibres and fibre/resin bonding interfaces. This document focuses on the overall composite properties and their environmental stability. To permit this assessment this document utilizes flat plates and/or tubular shapes made specifically for these tests. Testing and characterization of neat resins and fibre products are beyond this scope. The equipment considered includes, but is not limited to, non-metallic pipelines, piping, liners and downhole tool components. Blistering by rapid gas decompression is not included in the scope of this document.

Keel: en

Alusdokumendid: ISO/DIS 23936-4; prEN ISO 23936-4

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 5124

LNG tank wagon/container loading & unloading (ISO/DIS 5124:2023)

This document provides the design and operational requirements for transportation of LNG as cargo by railcar, including safety aspects under normal conditions and in case of events. This document includes requirements for (at least): - railcar coupling; - hose vs loading arm; - hose / arm draining; - permissives and emergency shut-down functions; - liquid detection on boil-off gas return line; - leak / fire detection and management systems.

Keel: en

Alusdokumendid: ISO/DIS 5124; prEN ISO 5124

Arvamusküsitluse lõppkuupäev: 13.01.2024

77 METALLURGIA

prEN 603-2

Aluminium and aluminium alloys - Wrought forging stock - Part 2: Mechanical properties

This document, part of EN 603 series of Standards, specifies the mechanical properties of wrought forging stock in aluminium and aluminium alloys for general engineering applications. The chemical composition and temper designations for these alloys are specified in EN 573 3 and EN 515 respectively.

Keel: en

Alusdokumendid: prEN 603-2

Asendab dokumenti: EVS-EN 603-2:2000

Arvamusküsitluse lõppkuupäev: 13.01.2024

83 KUMMI- JA PLASTITÖÖSTUS

prEN 17188

Materials obtained from End-of-Life Tyres (ELT) - Sampling method for granulates and powders stored in big-bags and small-bags

This document specifies methods for obtaining a sample of rubber granulates or powders derived from end-of-life tyres which have been stored in big-bags and small-bags. Several sample increments at different levels within the bag are obtained, which represent the average particle size distribution within the bag. From these sample increments, a representative sample is derived. The methods described in this standard may be used, for example, when the samples are to be tested for bulk density, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, and impurities.

Keel: en

Alusdokumendid: prEN 17188

Asendab dokumenti: CEN/TS 17188:2018

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 4892-3

Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps (ISO/DIS 4892-3:2023)

ISO 4892-3:2016 specifies methods for exposing specimens to fluorescent UV radiation, heat and water in apparatus designed to simulate the weathering effects that occur when materials are exposed in actual end-use environments to global solar radiation, or to solar radiation through window glass. The specimens are exposed to fluorescent UV lamps under controlled environmental conditions (temperature, humidity and/or water). Different types of fluorescent UV lamp can be used to meet all the requirements for testing different materials. Specimen preparation and evaluation of the results are covered in other International Standards for specific materials. General guidance is given in ISO 4892-1. NOTE Fluorescent UV lamp exposures for paints, varnishes and other coatings are described in ISO 11507.

Keel: en

Alusdokumendid: ISO/DIS 4892-3; prEN ISO 4892-3

Asendab dokumenti: EVS-EN ISO 4892-3:2016

Arvamusküsitluse lõppkuupäev: 13.01.2024

91 EHITUSMATERJALID JA EHITUS

prEN 18021

Sanitary tapware - Measurement of functional performance of taps and showers

This document acknowledges the field of application for taps, shower outlets, shower sets and shower systems used in water supply systems with a pressure range of (0,05 to 1,0) MPa (0,5 bar to 10 bar). The tests described in this document are type tests (laboratory tests) and not quality control tests carried out during manufacture. This document covers: - PN10 taps; - PN10 shower outlets; - PN10 shower sets; - PN10 shower systems. Following products are excluded from this document: - shower taps on its own; - taps for filling bathtubs; - the tub filling function of combined taps; - the function of a tap that delivers e.g. boiling water or

sparkling water, etc.); - electric showers; - body or side jet showers. The conditions of use for taps and shower systems are given in Table 1. The conditions of use for showers sets and shower outlets are given in Table 2. NOTE Taps and shower systems for use at pressures lower than those in Table 1 are covered by in a separate standard. Health and quality requirements in accordance to European and national legislation for final materials in contact with water intended for human consumption are not covered by this document.

Keel: en

Alusdokumendid: prEN 18021

Arvamusküsitluse lõppkuupäev: 13.01.2024

97 OLME. MEELELAHUTUS. SPORT

prEN 12221

Child care articles - Changing units and changing pads for domestic use - Safety requirements and test methods

This document specifies safety requirements for changing units, changing pads and changing unit accessories for domestic use for children with a body weight of no more than 15 kg. This document only covers the function of the item as a changing unit. If the changing unit can be converted or used for another function (e.g. cots, storage furniture, bath tubs and stands, etc.), other relevant European Standards apply. The changing unit can be foldable and can be fitted with a child bathtub or other additional items.

Keel: en

Alusdokumendid: prEN 12221

Asendab dokumenti: EVS-EN 12221-1:2008+A1:2013

Asendab dokumenti: EVS-EN 12221-2:2008+A1:2013

Arvamusküsitluse lõppkuupäev: 14.12.2023

prEN 1930

Child care articles - Safety barriers - Safety requirements and test methods

This document specifies the safety requirements and test methods for child safety barriers for domestic indoor use which are designed to be fitted across openings to limit a child's access inside the home and to prevent young children up to 24 months of age passing through. This document does not apply to products designed to be fitted across windows. If the safety barrier has other functions not covered in this document, reference is made to the relevant European standard.

Keel: en

Alusdokumendid: prEN 1930

Asendab dokumenti: EVS-EN 1930:2011

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN 50730

Professional and commercial coffee machines - Methods for measuring energy consumption and productivity

This document applies to professional and commercial coffee machines used for example in kitchens and food preparation areas in restaurants, canteens, hotels, coffee shops, breakfast rooms. This document does not apply to: - household appliances; - machines that use only coffee pods or coffee capsules; - machines powered by non-electrical energy (i.e. gas); - milk refrigerators integrated or not into traditional machines. Accessory equipment provided together with the machine (e.g. cup warmer, milk refrigerator) is physically separated from the machine. This document defines methodologies to measure the energy consumption and productivity of coffee machines based on their characteristics.

Keel: en

Alusdokumendid: prEN 50730

Arvamusküsitluse lõppkuupäev: 13.01.2024

TÖLKED KOMMENTEERIMISEL

Allpool on toodud teave kommenteerimisetappi jõudnud eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete 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](#).

CEN/TS 15084:2006

Lubiained. Lubjavajaduse määramise juhend.

See tehniline spetsifikatsioon annab juhised parameetrite kohta, mida tuleks põllumajandusmuldade lubjavajaduse kindlaksmääramisel arvestada.

Keel: et

Alusdokumendid: CEN/TS 15084:2006

Kommenteerimise lõppkuupäev: 14.12.2023

EN 1177:2018/prA1:2022

Lööki nõrgendav mänguväljaku aluspinnakate. Katsemeetodid löögi nõrgendamise kindlaksmääramiseks

See Euroopa standard määrab kindlaks katseaparatuuri ja löögikatsemeetodid mänguväljaku aluspinnakatte lööki nõrgendava omaduse kindlaksmääramiseks, mõõtes löögi ajal kogetavat kiirendust. Sellele standardile vastav katseaparatuur on rakendatav katsetes, mida viiakse läbi laboris või paigalduskohas kummagi kirjeldatud katsemeetodi alusel. MÄRKUS Selles standardis kirjeldatud katsemeetodid on samuti rakendatavad pörkepindadele, mida nõutakse teistes standardites peale mänguväljaku seadmete standardite, näiteks väliseadmed kehatreeningu jaoks ja parkuuri (ehk takistusraja) seadmed.

Keel: et

Alusdokumendid: EN 1177:2018+AC:2019/prA1:2022

Kommenteerimise lõppkuupäev: 14.12.2023

EVS-EN IEC 62722-1:2022

Valgusti toimivus. Osa 1: Üldnõuded

See IEC 62722 osa käsitleb konkreetseid toimivus- ja keskkonnanõudeid valgustitele, mis sisaldavad toitepingel kuni 1000 V töötavaid elektrilisi valgusallikaid. Käesoleva dokumendi ulatuses esitatud toimivusnäitajad on uutele toodetud valgustitele, mis on läbinud kõik kindlaksmääratud esialgsed vanandamisprotseduurid, kui ei ole esitatud teisiti. Käesolev dokument hõlmab valgustitele esitatavad nõudeid energiatõhusaks kasutamiseks ja vastutustundliku keskkonnajuhtimise toetamiseks kuni nende eluea lõpuni. Käesoleva dokumendi eesmärk on pakkuda nõuete kogumit, mis üldiselt oleks kohaldatav enamikule valgustitüüpidele. Kui konkreetsete valgusallika tüüpide tarbeks on vajalik täiendav toimivusnõuete määramine, siis need on esitatud IEC 62722-2 osas. IEC 62722-2 osa võib samuti hõlmata laiemat toimivusnäitajate aspekte, mis on sobilik kindlale valgusallika tehnoloogiale. Käesoleva dokumendi käsitusallas ei kuulu poolvalgustid. Mõne valgustitüüpi (nt dekoratiivsed või kodumajapidamises kasutatavad) puhul ei ole käesolevas dokumendis määratud toimivusnäitajate esitamine asjakohane.

Keel: et

Alusdokumendid: IEC 62722-1:2022; EN IEC 62722-1:2022

Kommenteerimise lõppkuupäev: 14.12.2023

EVS-EN ISO 6781-1:2023

Ehitiste toimivus – soojuse, õhu ja niiskuse ebakorrapärasuste tuvastamine ehitistes infrapunameetoditega. Osa 1: Üldised protseduurid (ISO 6781-1:2023)

See dokument spetsifitseerib nõuded ja metodoloogiad infrapunatermograafia teenustele hoonetes soojuse, õhu ja niiskuse ebakorrapärasuste tuvastamiseks, mis aitavad kasutajatel täpsustada ja mõista a) vajalike termograafiateenuste ulatuse, b) kasutamiseks vajalike seadmete tüüpi ja tingimusi, c) seadmete operaatorite, pildianalüütikute, aruande koostajate ja soovitude andjate kvalifikatsiooni ja d) tulemuste aruandlust. See annab juhised termograafiateenuste pakkumisest tulenevate lõpptulemuste mõistmiseks ja kasutamiseks. See dokument on rakendatav infrapunatermograafia meetodite üldistele protseduuridele, mida saab rakendada elamute, äri- ja haldus- ning eriotstarbeliste hoonete puhul.

Keel: et

Alusdokumendid: ISO 6781-1:2023; EN ISO 6781-1:2023

Kommenteerimise lõppkuupäev: 14.12.2023

prEN 13369

Betoonvalmistoodete üldeskirjad

See dokument esitab spetsifikatsioonid, põhilised toimivuskriteeriumid ja toimivuse püsivuse hindamise ja kontrollimise (AVCP) korra standardile EN 206 vastavast kerg-, normaal- ja raskebetoonist valmistatud sarrustamata, sarrustatud ja eelpingestatud betoonvalmistoodetele, mis ei sisalda lisaks manustatud õhule nimetamisväärses koguses kaasatud õhku. Samuti on hõlmatud kiudbetoonid, mille kiud ei mõjuta mehaanilisi omadusi (teras, polümeer või muud kiud). See ei hõlma kergtäitematerjali

sisaldavast korebetoonist sarrustatud valmiselemente ega klaaskiududega sarrustatud betooni. Seda võib kasutada ka nende toodete spetsifitseerimiseks, millel standard puudub. Mitte kõik selle dokumendi spetsifikatsioonid (peatükk 4) ei ole rakendatavad kõigile betoonvalmistoodetele. Mõnes Euroopa tootestandardis on sellele dokumendile viidatud. Need võivad sisaldada spetsiaalseid eeskirju, mis on käesoleva dokumendi eeskirjade suhtes ülimuslikud.

Keel: et

Alusdokumendid: prEN 13369

Kommenteerimise lõppkuupäev: 14.12.2023

prEN 13485

Õhu või toote sisetemperatuuri mõõtmise termomeetrid temperatuuritundlike kaupade transportimisel, ladustamisel ja levitamisel – Katsed, toimimine, sobivus

Käesolev standard määratleb temperatuuritundlike kaupade transportimise, ladustamise ja levitamise vahendites kasutatavate ning ümbritseva õhu või toodete sisetemperatuuri mõõtmiseks kasutatavate mistahes liiki termomeetrite (elektroonsed, mehaanilised jne) tehnilised ja funktsionaalsed näitajad temperatuurivahemikus (-80...+85) °C. Käesolev standard määratleb katsemeetodid, mis lubavad tõendada mõõtevahendite vastavust sobivus- ja toimimisnõuetele. Käesolev standard kohaldub terviklikule termomeetrile ja temperatuurinäidikutele. Temperatuurandur(id) võivad olla integreeritud termomeetrisse või asuda sellest eemal (juhtmega ja juhtmevabad välised andur(id)). Standard ei täpsusta termomeetri ja selle andurite asukohta kasutusviisi (transport, ladustamine ja levitamine) suhtes. MÄRKUS Temperatuuritundlike kaupade transpordi, ladustamise ja levitamise näited temperatuurivahemikus (-80...+85) °C hõlmavad jahutatud, külmutatud, sügavkülmutatud ja kiirkülmutatud toiduaineid; jäätis, värsked ja kuumad toiduained; farmaatsiatooted; veri ja elundid; kemikaalid; bioloogilised ained; elektroonilised ja mehaanilised seadmed; lilled, taimed ja sibulad; toorained ja vedelikud; loomad; kunst ja sisustus.

Keel: et

Alusdokumendid: prEN 13485

Kommenteerimise lõppkuupäev: 14.12.2023

prEN 13486

Õhu või toote sisetemperatuuri mõõtmise temperatuurimeerikud ja termomeetrid temperatuuritundlike kaupade transportimisel, ladustamisel ja levitamisel – Perioodiline vastavuskontroll

Käesolev standard määratleb temperatuurivahemikus (-80...+85) °C transportimise, ladustamise ja levitamise vahendites kasutatavate täpsusklassilt ja mõõtepiirkonnalt standarditele EN 12830 ja EN 13485 vastavate õhu, toodete ja teiste temperatuuritundlike kaupade temperatuurimeerikute ja termomeetrite vastavuskontrolli protseduuri. Käesolev standard määratleb katsemeetodid, mis lubavad tõendada mõõtevahendite vastavust sobivus- ja toimimisnõuetele, mis on toodud standardites EN 12830 ja EN 13485. MÄRKUS Temperatuuritundlike kaupade transpordi, ladustamise ja levitamise näited temperatuurivahemikus (-80...+85) °C hõlmavad jahutatud, külmutatud, sügavkülmutatud ja kiirkülmutatud toiduaineid; jäätis, värsked ja kuumad toiduained; farmaatsiatooted; veri ja elundid; kemikaalid; bioloogilised ained; elektroonilised ja mehaanilised seadmed; lilled, taimed ja sibulad; toorained ja vedelikud; loomad; kunst ja sisustus.

Keel: et

Alusdokumendid: prEN 13486

Kommenteerimise lõppkuupäev: 14.12.2023

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel ning selle eesmärk on kontrollida standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne.

Ülevaatus tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse või uustöötamise koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

PIKENDAMISKÜSITLUS

EVS 920-3:2013

Katuseehitusreeglid. Osa 3: Kiudtsement laineplaadist katused

Requirements for roof building. Part 3: Fuzercement corrugated sheet roofs

Selles Eesti standardis käsitletakse kiudtsement-laineplaadist katuste ehitusreegleid. Need erialareeglid kehtivad kiudtsemendist laineplaatidest katusekatete paigaldamisel. Standardi juures tuleb silmas pidada ka standardite EVS 920-1 ja EVS 920-2 nõudeid. Nende erialareeglite järgimisel on täidetud nõuded sademekindlusele ja tormikindlusele.

Pikendamisküsitluse lõppkuupäev: 14.12.2023

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatus tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 882-1:2013

Informatsioon ja dokumentatsioon. Dokumendielemendid ja vorminõuded. Osa 1: Kiri Information and documentation. Elements of records and requirements for record's layout. Part 1: Letter

Standard esitab kirja elementide loetelu, elementide määratlused ja selgitused, elementide vormistamise reeglid ning elementide asukoha kirja A4 plangil. Standard ei hõlma kirja koostamisel või sissetulnud kirja lahendamisel tehtavate toimingute fikseerimist ega paberdokumentidele või digitaaldokumendi metaandmetesse tehtavaid märkeid (kavandi koostöölastamine, registreerimine, saabumismärke tegemine, täitja ja täitmistähtaaja määramine jms).

Kehtima jätmise alus: EVS/TK 22 otsus 23.09.2023 2-5/48 ja teade pikendamisküsitlusest 02.10.2023 EVS Teatajas

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 standardiladsete 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 1131:2000

Puu- ja köögiviljamahlad. Suhtelise tiheduse määramine Fruit and vegetable juices - Determination of the relative density

Käesolev standard esitab meetodi puu- ja köögiviljamahlade jms toodete suhtelise tiheduse $d(20\text{ °C}/20\text{ °C})$ määramiseks.

Keel: en, et

Alusdokumendid: EN 1131:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1132:2000

Puu- ja köögiviljamahlad. pH-väärtuse määramine Fruit and vegetable juices - Determination of the pH-value

Käesolev standard esitab meetodi puu- ja köögiviljamahlade jms toodete pH-väärtuse määramiseks.

Keel: en, et

Alusdokumendid: EN 1132:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1133:2000

Puu- ja köögiviljamahlad. Formaldehüüdiarvu määramine Fruit and vegetable juices - Determination of formol number

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete formaldehüüdiarvu määramiseks.

Keel: en

Alusdokumendid: EN 1133:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1134:2000

Puu- ja köögiviljamahlad. Naatriumi-, kaaliumi-, kaltsiumi- ja magneesiumisisalduse määramine aatomiabsorptsioonspektromeetria meetodil Fruit and vegetable juices - Determination of sodium, potassium, calcium and magnesium content by atomic absorption spectrometry (AAS)

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete naatriumi-, kaaliumi-, kaltsiumi- ja magneesiumisisalduse määramiseks aatomiabsorptsioonspektromeetria meetodil.

Keel: en

Alusdokumendid: EN 1134:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1135:2000

Puu- ja köögiviljamahlad. Tuha määramine Fruit and vegetable juices - Determination of ash

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete põlematu ja lendumatu jäägi määramiseks.

Keel: en

Alusdokumendid: EN 1135:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1136:2000

Puu- ja köögiviljamahlad. Fosforisisalduse määramine. Spektromeetriline meetod Fruit and vegetable juices - Determination of phosphorus content - Spectrometric method

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete fosforisisalduse määramiseks.

Keel: en

Alusdokumendid: EN 1136:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1137:2000

Puu- ja köögiviljamahlad. Sidrunhappesisalduse (tsitratide) määramine ensüümireaktsiooniga. NADH spektromeetriline meetod Fruit and vegetable juices - Enzymatic determination of citric acid (citrate) content - NADH spectrometric method

See Euroopa standard esitab meetodi puu- ja köögiviljamahlades jms toodetes happena või selle sooladena esineva sidrunhappe üldsisalduse määramiseks ensüümireaktsiooniga.

Keel: en

Alusdokumendid: EN 1137:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1138:2000

Puu- ja köögiviljamahlad. L-õunhappe sisalduse määramine ensüümireaktsiooniga. NADH spektromeetriline meetod Fruit and vegetables juices - Enzymatic determination of L-malic acid (L-malate) content - NADH spectrometric method

See Euroopa standard esitab meetodi puu- ja köögiviljamahlades jms toodetes happena või selle sooladena esineva L-õunhappe kogusisalduse määramiseks ensüümireaktsiooniga.

Keel: en

Alusdokumendid: EN 1138:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1139:2000

Puu- ja köögiviljamahlad. D-isosidrunhappe sisalduse määramine ensüümireaktsiooniga. NADPH spektromeetriline meetod Fruit and vegetable juices - Enzymatic determination of D-isocitric acid content - NADPH spectrometric method

See Euroopa standard esitab meetodi puu- ja köögiviljamahlades jms toodetes happena või selle sooladena, kaasa arvatud estrid ja laktoonid, esineva D-isosidrunhappe kogusisalduse määramiseks ensüümireaktsiooniga.

Keel: en

Alusdokumendid: EN 1139:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1140:2000

Puu- ja köögiviljamahlad. D-glükoosi ja D-fruktoosi sisalduse määramine ensüümireaktsiooniga. NADPH spektromeetriline meetod Fruit and vegetables juices - Enzymatic determination of D-glucose and D-fructose content - NADPH spectrometric method

See Euroopa standard esitab meetodi puu- ja köögiviljamahlades ja nendega ligilähedastes toodetes D-glükoosi ja D-fruktoosi sisalduse määramiseks ensüümireaktsiooniga.

Keel: en

Alusdokumendid: EN 1140:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1141:2000

Puu- ja köögiviljamahlad. Proliinisisalduse spektromeetriline määramine Fruit and vegetable juices - Spectrometric determination of proline content

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete proliinisisalduse määramiseks.

Keel: en

Alusdokumendid: EN 1141:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 1142:2000

Puu- ja köögiviljamahlad. Sulfaadisisalduse määramine Fruit and vegetable juices - Determination of the sulfate content

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete sulfaadisisalduse määramiseks.

Keel: en

Alusdokumendid: EN 1142:1994

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12133:2000

Puu- ja köögiviljamahlad. Kloriidisisalduse määramine. Potentsiomeetriline tiitrimine Fruit and vegetable juices - Determination of chloride content - Potentiometric titration method

See Euroopa standard esitab potentsiomeetrilise tiitrimise meetodi kloriidisisalduse määramiseks puu- ja köögiviljamahlades jms toodetes.

Keel: en

Alusdokumendid: EN 12133:1997

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12134:2000

Puu- ja köögiviljamahlad . Tsentrifuugitava viljaliha sisalduse määramine Fruit and vegetable juices - Determination of centrifugable pulp content

Käesolev standard esitab tsentrifugaalmeetodi puu- ja köögiviljamahlade jms toodete viljaliha sisalduse määramiseks.

Keel: en, et

Alusdokumendid: EN 12134:1997

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12135:2000

Puu- ja köögiviljamahlad. Lämmastikuisalduse määramine. Kjeldahli meetod Fruit and vegetable juices - Determination of nitrogen content - Kjeldahl method

Käesolev standard esitab meetodi puu- ja köögiviljamahlade jms toodete lämmastikuisalduse määramiseks Kjeldahli meetodil.

Keel: en, et

Alusdokumendid: EN 12135:1997

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12136:2000

Puu- ja köögiviljamahlad. Karotenoidi üldsisalduse ja üksikute karotenoidifraktsioonide sisalduse määramine Fruit and vegetable juices - Determination of total carotenoid content and individual carotenoid fractions

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete karotenoidi üldsisalduse ja üksikute karotenoidifraktsioonide sisalduse määramiseks.

Keel: en

Alusdokumendid: EN 12136:1997

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12137:2000

Puu- ja köögiviljamahlad. Viinamarjamahlade viinhappesisalduse määramine. Kõrgefektiivse vedelikkromatograafia meetod Fruit and vegetable juices - Determination of tartaric acid in grape juices - Method by high performance liquid chromatography

Käesolev standard esitab meetodi viinamarjamahlade viinhappesisalduse määramiseks kõrgefektiivse vedelikkromatograafia (HPLC) abil.

Keel: en, et

Alusdokumendid: EN 12137:1997

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12138:2000

Puu- ja köögiviljamahlad. D-õunhappe sisalduse määramine ensüümireaktsiooniga. NAD spektrometria Fruit and vegetable juices - Enzymatic determination of D-malic acid content - NAD spectrometric method

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete D-õunhappe kogusisalduse määramiseks ensüümireaktsiooniga.

Keel: en

Alusdokumendid: EN 12138:1997

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12143:2000

Puu- ja köögiviljamahlad. Lahustuvate ainete sisalduse hindamine. Refraktomeetriline meetod Fruit and vegetable juices - Estimation of soluble solids content - Refractometric method

Käesolev standard esitab refraktomeetrilise meetodi lahustuvate ainete sisalduse hindamiseks puu- ja köögiviljamahlades jms toodetes.

Keel: en, et

Alusdokumendid: EN 12143:1996

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12144:2000

Puu- ja köögiviljamahlad. Tuha üldleeliselisuse määramine. Titrimetriline meetod Fruit and vegetable juices - Determination of total alkalinity of ash - Titrimetric method

See Euroopa standard esitab titrimetrilise meetodi puu- ja köögiviljamahlade jms toodete tuha leeliselisuse määramiseks.

Keel: en

Alusdokumendid: EN 12144:1996

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12145:2000

Puu- ja köögiviljamahlad. Kuivaine üldsisalduse määramine. Kaalumeetod massikaoga kuivatamisel Fruit and vegetable juices - Determination of total dry matter - Gravimetric method with loss of mass on drying

See Euroopa standard esitab kaalumeetodi kuivaine üldsisalduse määramiseks puu- ja köögiviljamahlades jms toodetes.

Keel: en

Alusdokumendid: EN 12145:1996

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12146:2000

Puu- ja köögiviljamahlad. Sahharoosisisalduse määramine ensüümireaktsiooniga. NADP spektromeetriline meetod Fruit and vegetable juices - Enzymatic determination of sucrose content - NADP spectrometric method

See Euroopa standard esitab meetodi puu- ja köögiviljamahlade jms toodete sahharoosisisalduse määramiseks ensüümireaktsiooniga.

Keel: en

Alusdokumendid: EN 12146:1996

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12147:2000

Puu- ja köögiviljamahlad. Tiitritava happesuse määramine Fruit and vegetable juices - Determination of titratble acidity

Käesolev standard esitab meetodi puu- ja köögiviljamahlade jms toodete tiitritava happesuse määramiseks.

Keel: en, et

Alusdokumendid: EN 12147:1996

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12148:2000

Puu- ja köögiviljamahlad. Hesperidiini- ja naringiinisalduse määramine tsitrusmahlades. Kõrgefektiivset vedelikkromatograafiat kasutav meetod Fruit and vegetable juices - Determination of hesperidin and naringin in citrus juices - Method using high performance liquid chromatography

See Euroopa standard esitab meetodi puu- ja köögiviljamahlades jms toodetes hesperidiini- ja naringiinisalduse määramiseks, kasutades kõrgefektiivset vedelikkromatograafiat.

Keel: en

Alusdokumendid: EN 12148:1996

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12630:2001

Fruit and vegetable juices - Determination of glucose, fructose, sorbitol and sucrose contents - Method using high performance liquid chromatography

This standard specifies a high performance liquid chromatographic method for the determination of the glucose, fructose, sorbitol and sucrose contents in fruit and vegetable juices and related products.

Keel: en

Alusdokumendid: EN 12630:1999

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12631:2001

Fruit and vegetable juices - Enzymatic determination of D- and L-lactic acid (lactate) content - NAD spectrometric method

This standard specifies an enzymatic method for the determination of the total content of D- and L-lactic acid and lactate salts in fruit and vegetable juices and related products.

Keel: en

Alusdokumendid: EN 12631:1999

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12632:2001

Fruit and vegetable juices - Enzymatic determination of acetic acid (acetate) content - NAD spectrometric method

This standard specifies an enzymatic method for the determination of the total content of acetic acid or acetate salts in fruit and vegetable juices and related products.

Keel: en

Alusdokumendid: EN 12632:1999

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 12742:2001

Fruit and vegetable juices - Determination of the free amino acids content - Liquid chromatographic method

This standard specifies a chromatographic method for the determination of the free amino acid content in fruit and vegetable juices and related products.

Keel: en

Alusdokumendid: EN 12742:1999

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN 13196:2000

Fruit and vegetable juices - Determination of total sulfur dioxide by distillation

This European standard specifies a distillation method for the quantitative determination of total sulfur dioxide in fruit or vegetable juices and related products. This method applied to onions, leek or cabbage products can lead to false positive results.

Keel: en

Alusdokumendid: EN 13196:2000

Tühistamisküsitluse lõppkuupäev: 14.12.2023

EVS-EN IEC 61784-2-18:2023

Industrial networks - Profiles - Part 2-18: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 18

This part of IEC 61784-2 defines Communication Profile Family 18 (CPF 18). CPF 18 specifies a set of Real-Time Ethernet (RTE) communication profiles (CPs) and related network components based on the IEC 61158 series (Type 22), ISO/IEC/IEEE 8802-3 and other standards. For each RTE communication profile, this document also specifies the relevant RTE performance indicators and the dependencies between these RTE performance indicators. NOTE 1 All CPs are based on standards or draft standards or International Standards published by the IEC or on standards or International Standards established by other standards bodies or open standards processes. NOTE 2 The RTE communication profile(s) use ISO/IEC/IEEE 8802-3 communication networks and its related network components or IEC 61588 and in some cases amend those standards to obtain RTE features.

Keel: en

Alusdokumendid: IEC 61784-2-18:2023; EN IEC 61784-2-18:2023

Tühistamisküsitluse lõppkuupäev: 14.12.2023

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 60335-1:2012/A16:2023

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

Eeldatav avaldamise aeg Eesti standardina 01.2024

EN 10278:2023

Dimensions and tolerances of bright steel products of stainless and other special steels

Eeldatav avaldamise aeg Eesti standardina 01.2024

EN IEC 62271-103:2023

High-voltage switchgear and controlgear - Part 103: Alternating current switches for rated voltages above 1 kV up to and including 52 kV

Eeldatav avaldamise aeg Eesti standardina 01.2024

UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 14488-3:2023

Torkreetbetooni katsetamine. Osa 3: Kiudarmeeritud tala katsekehade paindetugevused (esmane piirpindtugevus, maksimaalne tugevus ja jääktugevus)

Testing sprayed concrete - Part 3: Flexural strengths (first peak, ultimate and residual) of fibre reinforced beam specimens

See dokument sätestab meetodid (meetodid A ja B) kivistunud torkreetbetooni katsekehade esmase piirpindtugevuse, maksimaalse tugevuse ja jääktugevuse määramiseks.

EVS-EN 50708-2-3:2022

Jõutrafad. Täiendavad Euroopa nõuded. Osa 2-3: Keskmised jõutrafad. Tarvikud

Power transformers - Additional European requirements - Part 2-3: Medium power transformer - Accessories

See dokument esitab tüüpiliste tarvikute loendi, mida kasutatakse keskmise võimsusega vedeliktäitega ja kuivjõutrafade puhul (≤ 3150 kVA).

EVS-EN ISO 4037-3:2021

Kiirguskaitse. Dosimeetrite ja doosi kiiruse mõõteseadmete kalibreerimiseks ning nende footoni energiast sõltuva koste määramiseks kasutatav röntgen- ja gammaetalonkiirgus. Osa 3: Pindala- ja isikudosimeetrite kalibreerimine ning nende koste mõõtmine kiirguse energia ja langemisnurga funktsioonina

Radiological protection - X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy - Part 3: Calibration of area and personal dosimeters and the measurement of their response as a function of energy and angle of incidence (ISO 4037-3:2019)

See standard määrab lisameetodid ja andmed kiirguskaitse isiku ja pindala seireks kasutatavate dosimeetrite ja doosikiiruse mõõteriistade kalibreerimiseks. Kiirguskaitse doosi (kiiruse) mõõteriistade kalibreerimise üldist protseduuri ja koste määramist kirjeldatakse standardis ISO 29661 ning seda järgitakse nii palju kui võimalik. Sel eesmärgil kasutatakse standardis ISO 4037-1 kirjeldatu kohaselt footonite, mille keskmine energia asub vahemikus 8 keV kuni 9 meV, etalonkiirgusvälju. Lisas D on toodud mõningane lisateave võrdluse tingimuste, nõutavate katse normaaltingimuste ja antud elektronide vahemikega kaasnevate mõjude kohta. Isikuseire puhul käsitletakse nii kogukeha- kui ka jäsemedosimeetreid ning pindala seire puhul portatiivseid ja paigaldatud doosi(kiiruse) mõõteseadmeid. Etalonväljade jaoks on vajalik laetud osakeste tasakaal, kuigi see pole alati kindlaks määratud töökohal olevas väljas, mille jaoks dosimeeter tuleb kalibreerida. See kehtib eriti footoni energiatega korral etalonsügavusel d ilma sisemise tasakaaluta laetud osakeste kohta, mis sõltub energia ja etalonsügavuse d tegelikust kombinatsioonist. Elektronid, mille energia on suurem kui 65 keV, 0,75 MeV ja 2,1 MeV, võivad läbida vastavalt 0,07 mm, 3 mm ja 10 mm ICRU kudet, ja kiirgusomadused footonite energiatega korral, mis ületavad eelpool toodud väärtusi, loetakse kiirgusomadusteks ilma laetud osakestele omase tasakaaluta suuruste jaoks, mis on määratud nende sügavustes. See standardi osa tegeleb ka pealelangeva footoni energia ja kiirguse langemisnurga kui koste funktsiooni määramisega. Sellised mõõtmised võivad kujutada endast osa tüüpilisest katsest, mille käigus uuritakse täiendavate mõjusuuruste mõju kostele. See standard on kasutatav ainult 1 µGy/h suuremate õhukerma kiiruse väärtuste korral. See standard ei hõlma kohale kinnitatud pindaladosimeetrite in-situ kalibreerimist. Dokumentis kirjeldatakse eri dosimeetrite puhul järgitavaid meetodeid. Kasutatava fantoomi ja rakendatavate teisendustegurite kohta on antud soovitusi. Soovitavad teisendustegurid on toodud ainult kombineeritud kiirguse etalonväljade jaoks, mis on määratud standardi ISO 4037-1:2019 peatükkides 4 kuni 6. ISO 4037-1:2019 teatmelisad A ja B hõlmavad fluorestsentskiirgusi ja radionukliidi ²⁴¹Am, S-Am gammakiirgust, mille kohta pole detailne avaldatud teave kättesaadav. ISO 4037-1:2019 lisa C toob ära täiendavaid röntgenkiirguse välju, mida on kirjeldatud kvaliteediindeksiga. Teisendustegurid kõigi nende kiirguste korral on toodud lisades A kuni C, kuid ainult ligikaudse hinnanguna, kuna nende teisendustegurite üldine määramatus tegelikes kiirguse etalonväljades pole teada. MÄRKUS Terminit „dosimeeter“ kasutatakse üldmõistena kõigi isiku ja pindala seireks kasutatavate dosimeetrite ja doosikiiruse mõõteseadmete kohta.

EVS-ISO 2789:2023

Informatsioon ja dokumentatsioon. Rahvusvaheline raamatukogustatistika

Information and documentation - International library statistics (ISO 2789:2022, identical)

See dokument sisaldab reegleid raamatukogu- ja infoteenuste osutajatele statistika kogumiseks ja esitamiseks, selleks et — esitada andmeid rahvusvaheliseks aruandluseks; — tagada riikidevaheline vastavus nende statistiliste näitajate puhul, mida raamatukogude juhid sageli kasutavad, ent mida rahvusvahelised aruanded ei hõlma; — edendada head tava kasutada statistikat raamatukogu- ja infoteenuste korraldamisel.

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 EESTIKEELSE PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 50708-2-3:2022	Power transformers - Additional European requirements - Part 2-3: Medium power transformer - Accessories	Jõutrafad. Täiendavad Euroopa nõuded. Osa 2-3: Keskmised jõutrafad. Tarvikud
EVS-EN ISO 4037-3:2021	Radiological protection - X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy - Part 3: Calibration of area and personal dosimeters and the measurement of their response as a function of energy and angle of incidence (ISO 4037-3:2019)	Kiirguskaitse. Dosimeetrite ja doosi kiiruse mõõteseadmete kalibreerimiseks ning nende footoni energiast sõltuva koste määramiseks kasutatav röntgen- ja gammaetalonkiirgus. Osa 3: Pindala- ja isikudosimeetrite kalibreerimine ning nende koste mõõtmine kiirguse energia ja langemisnurga funktsioonina

UUED HARMONEERITUD STANDARDID

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

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

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

Lisainfo:

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Määrus 305/2011 (endine 89/106/EMÜ)

Ehitustooted

(Komisjoni rakendusotsus (EL) 2023/2461, rakendusotsuse (EL) 2019/451 muudatus, EL Teataja 2023/L 9.11.2023)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Viide asendatavale Euroopa standardile	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Kooseksisteerimis-perioodi lõpptähtaeg
EVS-EN 16510-2-1:2023 Elamute tahkekütteseadmed. Osa 2-1: Tubased kütteseadmed	EN 13240:2001; EN 13240:2001/A2:2004; EN 13240:2001/AC:2006; EN 13240:2001/A2:2004/AC:2007	09.11.2023	09.11.2025
EVS-EN 16510-2-2:2023 Elamute tahkekütteseadmed. Osa 2-2: Sisseehitatud seadmed, kaasa arvatud lahtised tulekolded	EN 13229:2001; EN 13229:2001/A1:2003; EN 13229:2001/A2:2004; EN 13229:2001/AC:2006; EN 13229:2001/A2:2004/AC:2007	09.11.2023	09.11.2025
EVS-EN 16510-2-3:2023 Elamute tahkekütteseadmed. Osa 2-3: Pliidid	EN 12815:2001; EN 12815:2001/AC:2006; EN 12815:2001/A1:2004/AC:2007; EN 12815:2001/A1:2004	09.11.2023	09.11.2025
EVS-EN 16510-2-4:2023 Elamute tahkekütteseadmed. Osa 2-4: Autonoomsed katlad nominaalse soojusväljastusega kuni 50 kW	EN 12809:2001; EN 12809:2001/A1:2004; EN 12809:2001/A1:2004/AC:2007; EN 12809:2001/AC:2006	09.11.2023	09.11.2025
EVS-EN 16510-2-6:2023 Elamute tahkekütteseadmed. Osa 2-6: Mehaaniliselt puitgraanulitega töötavad toasoojendid, sisseehitatud seadmed ja pliidid	EN 14785:2006	09.11.2023	09.11.2025