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Algupäraste standardite koostamine ja ülevaatus

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CEN ISO/TS 4958:2024
Nanotechnologies - Vocabulary - Liposomes (ISO/TS 4958:2024)

This document defines terms related to liposomes in nanotechnologies, within the context of biological systems and biomedical applications. In this context, liposomes are one form of lipid-based nanomaterials. This document does not address terms that can be relevant to other types of lipid-based particles (e.g. solid lipid nanoparticles).

Keel: en
Alusdokumendid: ISO/TS 4958:2024; CEN ISO/TS 4958:2024

EVS-EN 17984-1:2024
Assistance dogs - Part 1: Vocabulary

This document specifies the terms and definitions that apply to: — different types of assistance dogs; — the beneficiary and client services; — health and disabilities; — assistance dog service providers; — assistance dog training staff and related professionals; — the socialization and training processes; — conformity assessment, identification and registration; — accessibility.

Keel: en
Alusdokumendid: EN 17984-1:2024

EVS-EN ISO 15708-1:2024
Non-destructive testing - Radiation methods for computed tomography - Part 1: Vocabulary (ISO 15708-1:2024)

This document defines terms used in the field of computed tomography (CT). It presents vocabulary that is not only CT-specific but which also includes other more generic terms and definitions spanning imaging and radiography. Some of the definitions represent discussion points aimed at refocusing their terms in the specific context of computed tomography.

Keel: en
Alusdokumendid: ISO 15708-1:2024; EN ISO 15708-1:2024
Asendab dokumenti: EVS-EN ISO 15708-1:2019

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

CEN/TR 18085:2024
Postal services – Safe, secured and contactless delivery of postal items

This document specifies new methods available to customers from the logistic transportation companies for safe secure and contactless delivery of postal items. The methods specified in this document provides the senders and the receivers with a proof of receipt or proof that an attempt of delivery was made. It includes methods on how to deliver without having the customer to sign for the delivery. More specifically, the methods specified in this document cover the process of last mile delivery of postal items, including home delivery and delivery at public places, residential buildings and corporate buildings. This document describes all delivery methods, including those requiring physical contact, and rank them from a health and safety, and operational point of view.

Keel: en
Alusdokumendid: CEN/TR 18085:2024

CWA 18150:2024
Unmanned aircraft systems — Counter UAS — Testing methodology

This document develops a standardized test methodology for assessing the performance of solutions for the detection, tracking and identification of drones in order to protect the lower airspace. This standardized test methodology is based upon a series of standard user-defined scenarios representing a wide set of use cases (e.g. prison & airport security, aviation safety, critical infrastructure protection, border security, drugs & human trafficking, etc).

Keel: en
Alusdokumendid: CWA 18150:2024

EVS-EN 17984-1:2024
Assistance dogs - Part 1: Vocabulary

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Keel: en
Alusdokumendid: EN 17984-1:2024

EVS-EN IEC 62668-1:2019/A1:2024

Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components

Amendment to EN IEC 62668-1:2019

Keel: en
Alusdokumendid: IEC 62668-1:2019/AMD1:2024; EN IEC 62668-1:2019/A1:2024
Muudab dokumenti: EVS-EN IEC 62668-1:2019

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 4958:2024

Nanotechnologies - Vocabulary - Liposomes (ISO/TS 4958:2024)

This document defines terms related to liposomes in nanotechnologies, within the context of biological systems and biomedical applications. In this context, liposomes are one form of lipid-based nanomaterials. This document does not address terms that can be relevant to other types of lipid-based particles (e.g. solid lipid nanoparticles).

Keel: en
Alusdokumendid: ISO/TS 4958:2024; CEN ISO/TS 4958:2024

11 TERVISEHOOLDUS

EVS-EN 17984-1:2024

Assistance dogs - Part 1: Vocabulary

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Keel: en
Alusdokumendid: EN 17984-1:2024

EVS-EN 1865-6:2024

Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 6: Ajamiga ratastoolid
Patient handling equipment used in ambulances - Part 6: Powered chairs

This document specifies the minimum requirements for the design and performance of power assisted chairs, which are used for the conveyance of patients to and/or from road ambulances. It aims to ensure patient safety and to minimize the physical effort required by staff operating the equipment.

Keel: en
Alusdokumendid: EN 1865-6:2024

EVS-EN IEC 80601-2-49:2019/A1:2024

Elektrilised meditsiiniseadmed. Osa 2-49: Erinõuded multifunktsionaalse patsiendimonitori esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors

Amendment to EN IEC 80601-2-49:2019

Keel: en
Alusdokumendid: IEC 80601-2-49:2018/AMD1:2024; EN IEC 80601-2-49:2019/A1:2024
Muudab dokumenti: EVS-EN IEC 80601-2-49:2019

EVS-EN ISO 11334-4:2024

Assistive products for walking, manipulated by one arm - Requirements and test methods - Part4: Walking sticks with three or more legs (ISO 11334-4:2024)

This document specifies requirements and test methods of walking sticks with three or more legs used as assistive products for walking, manipulated by one arm, without accessories, unless specified in the particular test procedure. This document also gives requirements related to safety, ergonomics, performance and information supplied by the manufacturer, including marking and labelling. The requirements and tests are based on every-day use of walking sticks with three or more legs as assistive products for walking for a maximum user mass as specified by the manufacturer. This document is for walking sticks with three or more legs specified for a user mass of no less than 35 kg. This document is not applicable to walking sticks with three or more legs with underarm or forearm support or with moving parts such as a universal joint.

Keel: en
Alusdokumendid: ISO 11334-4:2024; EN ISO 11334-4:2024
Asendab dokumenti: EVS-EN ISO 11334-4:2001

EVS-EN ISO 14356:2024

Dentistry - Duplicating material (ISO 14356:2024)

This document specifies the requirements and tests for the duplicating materials used in dentistry which are primarily intended for forming flexible moulds needed to produce positive refractory investment copies of properly blocked-out master models.

Keel: en
Alusdokumendid: ISO 14356:2024; EN ISO 14356:2024
Asendab dokumenti: EVS-EN ISO 14356:2004

EVS-EN ISO 18562-1:2024

Meditsiinis kasutatavate hingamisgaasiahelate biosobivuse hindamine. Osa 1: Hindamine ja katsetamine riskihaldusprotsessis
Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 1: Evaluation and testing within a risk management process (ISO 18562-1:2024)

This document specifies: — the general principles governing the biological evaluation within a risk management process of the gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments; — the general categorization of gas pathways based on the nature and duration of their contact with the gas stream; — the evaluation of existing relevant data from all sources; — the identification of gaps in the available data set on the basis of a risk analysis; — the identification of additional data sets necessary to analyse the biological safety of the gas pathway; — the assessment of the biological safety of the gas pathway. This document covers general principles regarding biocompatibility assessment of medical device materials, which make up the gas pathway, in normal use and normal condition. This document does not cover biological hazards arising from mechanical damage. The other parts of ISO 18562 cover specific tests that address potentially hazardous substances that are added to the respirable gas stream and establish acceptance criteria for these substances. This document addresses potential contamination of the gas stream arising from the gas pathways within the medical device, which might then be conducted to the patient. This document applies over the expected lifetime of the medical device when operated according to the instructions for use. This includes degradation arising from exposure to environmental conditions as well as cleaning, disinfection and sterilisation (i.e. processing). It also includes user action or inaction (omission) that leads to an unintended or unexpected outcome (result) (i.e. use error). It does not include conscious/intentional action or inaction that violates the instructions for use and is beyond reasonable risk control by the manufacturer (i.e. abnormal use). This document does not address biological evaluation of the surfaces of medical devices that have direct contact with the patient or user. The requirements for direct contact surfaces are found in the ISO 10993 series. Medical devices, parts or accessories containing gas pathways that are addressed by this document include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving equipment, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, medical respiratory personal protective equipment, mouth pieces, resuscitators, breathing tubes, breathing system filters and Y-pieces as well as any breathing accessories intended to be used with such medical devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and are also addressed by this document. This document does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder, or room air taken into the medical device is not addressed by ISO 18562 (all parts).

Keel: en
Alusdokumendid: ISO 18562-1:2024; EN ISO 18562-1:2024
Asendab dokumenti: EVS-EN ISO 18562-1:2020

EVS-EN ISO 18562-2:2024

Meditsiinis kasutatavate hingamisgaasiahelate biosobivuse hindamine. Osa 2: Mikroosakeste emissiooni kontrollkatsed
Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 2: Tests for emissions of particulate matter (ISO 18562-2:2024)

This document specifies tests for the emissions of particulate matter from the gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments. The tests of this document are intended to quantify particles from 0,25 µm diameter to 10 µm diameter that are emitted by the medical device, its parts or accessories into the respirable gas stream. This document establishes acceptance criteria for these tests. This document does not address nanoparticles. Insufficient data exist to establish exposure limits for particles less than 0,25 µm diameter. This document does not address particles larger than 10 µm diameter. These particles are deposited in the nasal cavity. Additional information can be needed for medical devices or accessories that bypass the nose. This is outside the scope of this document but can be required by some authorities having jurisdiction. This document therefore adopts the same approach as the US Environmental Protection Agency (EPA) in setting limits based solely on particle size and not their chemistry. This document addresses potential contamination of the gas stream arising from the gas pathways, which is then conducted to the patient. This document applies over the expected lifetime of the medical device in normal use and takes into account the effects of any intended processing. This document does not address biological evaluation of the particles that are deliberately released by a nebulizer (i.e. the therapeutic agent). This document does not address biological evaluation of the surfaces of gas pathways that have direct contact with the patient. The requirements for direct contact surfaces are found in the ISO 10993 series. Medical devices, parts or accessories, containing gas pathways that are addressed by this document, include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving devices, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, medical respiratory personal protective equipment, mouth pieces, resuscitators, breathing tubes, breathing systems filters, Y-pieces, and any breathing accessories intended to be used with such devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and

are also addressed by this document. This document does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder or room air taken into the medical device is not addressed by ISO 18562 (all parts).

Keel: en
Alusdokumendid: ISO 18562-2:2024; EN ISO 18562-2:2024
Asendab dokumenti: EVS-EN ISO 18562-2:2020

EVS-EN ISO 18562-3:2024

Meditsiinis kasutatavate hingamisgaasiahelate biosobivuse hindamine. Osa 3: Lenduvate orgaaniliste ühendite emissiooni kontrollkatsed

Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 3: Tests for emissions of volatile organic substances (ISO 18562-3:2024)

This document specifies tests for the emissions of volatile organic substances from the gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments. The tests of this document are intended to quantify emissions of volatile organic substances that are added to the respirable gas stream by the materials of the gas pathway. This document establishes acceptance criteria for these tests. NOTE Gaseous emission of volatile organic substances includes emissions of volatile organic compounds, semi-volatile organic compounds and very volatile organic compounds. This document addresses potential contamination of the gas stream arising from the gas pathways of medical devices or accessories, which is then conducted to the patient. This document applies over the expected lifetime of the medical device in normal use and takes into account the effects of any intended processing. This document does not address biological evaluation of the surfaces of gas pathways that are in direct contact with the patient. The requirements for direct contact surfaces are found in the ISO 10993 series. Medical devices, parts or accessories containing gas pathways that are addressed by this document include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving devices, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, medical respiratory personal protective equipment, mouth pieces, resuscitators, breathing tubes, breathing systems filters, Y-pieces and any breathing accessories intended to be used with such devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and are also addressed by this document. This document does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder or room air taken into the medical device is not addressed by ISO 18562 series. This document is intended to be read in conjunction with ISO 18562-1.

Keel: en
Alusdokumendid: ISO 18562-3:2024; EN ISO 18562-3:2024
Asendab dokumenti: EVS-EN ISO 18562-3:2020

EVS-EN ISO 18562-4:2024

Meditsiinis kasutatavate hingamisgaasiahelate biosobivuse hindamine. Osa 4: Kondensaadis leostuvate ainete kontrollkatsed

Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 4: Tests for leachables in condensate (ISO 18562-4:2024)

This document specifies tests for substances leached by liquid water condensing in gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments. The chemical characterization methods described in this document apply to chemical substances that could leach from the medical device, its parts or accessories into the condensate. This document establishes verifiable acceptance criteria for these tests. The identity and quantity of each chemical released is intended for toxicological risk assessment as described in ISO 18562-1:2024. This document addresses potential contamination of the gas stream arising from the gas pathways, which deliver breathing gas to the patient. This document applies over the expected lifetime of the medical device in normal use and takes into account the effects of any intended processing. This document does not address biological evaluation of the surfaces of gas pathways that have direct contact with the patient. The requirements for direct contact surfaces are found in the ISO 10993 series. Medical devices, parts or accessories containing gas pathways that are addressed by this document include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving devices, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, medical respiratory personal protective equipment, mouth pieces, resuscitators, breathing tubes, breathing systems filters, Y-pieces and any breathing accessories intended to be used with such devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and are also addressed by this document. This document does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder, or room air taken into the medical device. This document does not address contact with drugs or anaesthetic agents. If a medical device or accessory is intended to be used with anaesthetic agents or drugs, then additional testing can be required. This document is intended to quantify hazardous water-soluble substances that are leached from the medical device, its parts or accessories by condensate and then conveyed by that liquid to the patient.

Keel: en
Alusdokumendid: ISO 18562-4:2024; EN ISO 18562-4:2024
Asendab dokumenti: EVS-EN ISO 18562-4:2020

EVS-EN ISO 25539-3:2024

Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters (ISO 25539-3:2024)

This document specifies the requirements for the evaluation of vena cava filter systems (filters and delivery systems) and the requirements with respect to nomenclature, design attributes and information supplied by the manufacturer. Guidance for the development of in vitro test methods is included in Annex D. This document is intended to be used in conjunction with ISO 14630, which specifies general requirements for the performance of non-active surgical implants. NOTE 1 Due to the variations in the design of implants covered by this document, and in some cases due to the emergence of novel types of such implants, acceptable standardized in vitro tests and clinical results are not always available. As further scientific and clinical data become available, a revision of this document will be necessary. This document is applicable to vena cava filters intended to prevent symptomatic pulmonary embolism by capturing blood clots in the inferior vena cava (IVC). While this document can be useful with respect to filters implanted in other venous locations (e.g. superior vena cava, iliac veins), it does not specifically address the use of filters in other implantation sites. This document is also applicable to permanent filters together with their associated delivery systems, optional filters that can be retrieved and their associated retrieval systems, and convertible filters and their associated conversion systems. While this document can be useful with respect to the evaluation of repositioning filters after chronic implantation, it does not specifically address filter repositioning. This document is not applicable to — temporary filters (e.g. tethered) that need to be removed after a defined period of time, — issues associated with viable tissues and non-viable biological materials, and — procedures and devices (e.g. venous entry needle) used prior to the vena cava filter procedure. Although absorbable filters and filters with absorbable coatings are within the scope of this document, this document is not comprehensive with respect to the absorbable properties of these devices. NOTE 2 Absorbable implants are covered in ISO/TS 17137. Although coated filters and coated filter systems are within the scope of this document, this document is not comprehensive with respect to coatings. NOTE 3 Vascular device-drug combination products are covered in ISO 12417-1 and some coating properties are covered in ISO 25539-4.

Keel: en
Alusdokumendid: ISO 25539-3:2024; EN ISO 25539-3:2024
Asendab dokumenti: EVS-EN ISO 25539-3:2011

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 18114:2024

Bitumens and bituminous binders - Sustainability - Review on how to address environmental information

This document provides an overview of: - current requirements in the European Union and in individual European states to address sustainability in the field of construction works where bitumens and bituminous binders are used; - the requirements of the Construction Products Regulation (CPR) on environmental sustainability and analyses the implications for bitumens and bituminous binders; - existing horizontal standard EN 15804:2012+A2:2019 related to core rules for the product category of construction products and assesses if it can be used without any additional documents for bitumen and bituminous binders; - status of draft standards developed for specific complementary product category rules by CEN/TC 154, CEN/TC 227, CEN/TC 254 and any other relevant TCs, and assesses if these drafts could require any additional documents specific for bitumens and bituminous binders; - other relevant documents. This document is intended to provide support to CEN/TC 336 for assessing the need for any further standardization documents covering specific product category rules for bitumens and bituminous binders or for other standardization documents in the field of environmental sustainability of bituminous binders. This document covers bitumens and bituminous binders as described in EN 12597, including cut-back and fluxed bituminous binder, and bitumen emulsion, as used in construction works.

Keel: en
Alusdokumendid: CEN/TR 18114:2024

CEN/TS 17685-2:2024

Earthworks - Chemical tests - Part 2: Determination of organic matter content by potassium permanganate method

This document describes a method for the determination of the oxidizable organic matter content of a soil, which is mainly composed of fresh organic matter and fulvic and humic acids, by back titration with potassium permanganate. The result obtained with this technical specification is not comparable with those obtained by EN 17685-1:2023 (loss on ignition).

Keel: en
Alusdokumendid: CEN/TS 17685-2:2024

CEN/TS 18075:2024

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular economy and sustainability - Recommendations/guidelines for design

The aim of this document is to provide general recommendations and guidelines on how to design a product to optimize its reuse and recyclability at the end of its lifetime as well as to take into account sustainable sourcing of materials for all floor covering product groups covered by CEN/TC 134. The overall target is to avoid waste and pollution and to achieve a product fit for the circular economy. In a linear economy, the focus of product design is on developing new products without considering the recycling or reuse of the raw materials used. This document provides guidance for processes allowing for (raw) materials used to be returned to the economic cycle based on circular design principles. The focus is on open systems that allow for economically interesting alternatives and are not limited to the principle of closed cycles (product to product). Specific attention is given to renewable materials, where applicable. The document is structured along the life cycle of the products, starting with the production phase. Excluded is packaging, which is not considered part of the product end-of-life stage.

Keel: en

Alusdokumendid: CEN/TS 18075:2024

CWA 18147:2024

Testing and evaluating the performance of devices for electrocatalytic CO2-reduction

The Workshop Agreement specifies procedures and protocols for testing and evaluating the performance of devices for electrocatalytic reduction of CO2 to CO. This is done by specifying test methods for the determination of the performance with regard to production rate per electrode area, purity of the produced gas/product gas composition, stability of the reactor and energy consumption. The Workshop Agreement is applicable to devices for electrocatalytic reduction of CO2 to CO. The Workshop Agreement does not specify requirements for the construction or the performance of devices electrocatalytic reduction of CO2 to CO. It is therefore not limited to specific constructive solutions of such devices or to specific fields of application of CO2 reduction. The Workshop Agreement is intended to be used by organisations and persons developing or using such devices.

Keel: en
Alusdokumendid: CWA 18147:2024

EVS-EN 1366-8:2024

Fire resistance tests for service installations - Part 8: Smoke extraction ducts

This document specifies a test method for determining the fire resistance of smoke extraction ducts. It is applicable only to smoke extraction ducts that pass through another fire compartment apart from the compartment from where smoke needs to be extracted in case of fire. It represents fire exposure of a fully developed fire. This method of test is only applicable to fire resistant ventilation ducts (same construction) with the following classification according to EN 13501-3: - fire from inside and outside i ↔ o; - applicable to a pressure difference up to 500 Pa in fire conditions; NOTE 1 It is assumed that the duct A test(s) in accordance with EN 1366-1 has been performed with an under-pressure of minimum 500 Pa. - with integrity (E) and insulation (I) criteria equal to or higher than the intended classification for the smoke extraction duct. For the purposes of the test described in this document, the duct is referred to as duct C. This test method has been designed to cover both vertical and horizontal smoke extraction ducts. A vertical system need not be evaluated to this method provided that: - both horizontal (ho) and vertical (ve) classification according to EN 13501-3 has been obtained for the ventilation duct; - it has been tested in a horizontal orientation to this method. If the ventilation duct in practise is only used for vertical applications in smoke extraction systems, only vertical (ve) classification is obtained in accordance with EN 13501-3 and tested only in a vertical orientation to this test method. This test method is suitable for ducts constructed from non-combustible materials (class A1 and A2-s1, d0 according to EN 13501-1). NOTE 2 Reaction with components of the duct can affect the oxygen concentration inside the duct leading to inaccurate calculation of the leakage rate. If it is determined this has happened refer to Annex D. This document applies to four sided rectangular and circular ducts only (with fire exposure on all sides). Ducts that utilize elements of construction for one, two or three sides are not covered. An alternative test method for one, two and three sided ducts will be developed separately.

Keel: en
Alusdokumendid: EN 1366-8:2024
Asendab dokumenti: EVS-EN 1366-8:2004

EVS-EN 1366-9:2024

Fire resistance tests for service installations - Part 9: Single compartment smoke extraction ducts

This part of EN 1366 specifies a test method for determining the fire resistance of smoke extraction ducts that are used for single compartment applications only. In such applications, the smoke extraction system is only intended to function up to flashover (typically 600 °C). This method of test is only suitable for ducts constructed from non-combustible materials (class A1 and A2-s1, d0 according to EN 13501-1). It is applicable only to four sided and circular ducts. One-, two- and three-sided ducts are not covered. This document is applicable only for the standard sizes or smaller as described. This test method of part 9 is applicable only to smoke extraction ducts that do not pass into other fire compartments. For smoke extraction ducts that pass into other compartments, the method of test described in EN 1366-8 is used. The smoke extraction duct is part of the smoke extraction system which also includes smoke control dampers and smoke extract fans.

Keel: en
Alusdokumendid: EN 1366-9:2024
Asendab dokumenti: EVS-EN 1366-9:2008

EVS-EN ISO 13997:2024

Protective clothing - Mechanical properties - Determination of resistance to cutting by sharp objects (ISO 13997:2024)

This document specifies a tomodynamometer cut test method and related calculations, for use on materials and assemblies designed for protective clothing, including gloves. The test determines resistance to cutting by sharp edges, such as knives, sheet metal parts, swarf, glass, bladed tools and castings. When this document is cited as a test method in a material or product requirement standard, that standard contains the necessary information to permit the application of this document to the particular product. This test does not provide data on the resistance to penetration by pointed objects such as needles and thorns, or the point of sharp-edged blades. The test described in this document is not considered suitable for testing materials made from chain mail and metal plates. The text of this document does not include provisions for the safeguard of the operator.

Keel: en
Alusdokumendid: ISO 13997:2024; EN ISO 13997:2024
Asendab dokumenti: EVS-EN ISO 13997:2023

EVS-EN ISO 14071:2024

Environmental management - Life cycle assessment - Critical review processes and reviewer competencies (ISO 14071:2024)

This document specifies requirements and gives guidance for conducting a critical review of any type of life cycle assessment (LCA) study and the competencies required for the review. It provides additional requirements and guidance to ISO 14040 and ISO 14044. This document provides: — details of a critical review process, including clarification with regard to ISO 14044; — guidance to deliver the required critical review process, linked to the goal of the LCA and its intended use; — content and deliverables of the critical review process; — guidance 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. This document can be applicable to other standards that require independent review of LCA-based procedures and information (e.g. ISO 14045, ISO 14046, ISO 14025, ISO 14067), and can be adapted to the specific fields of application. Other reference standards can be included in the critical review process. This document does not apply to a) critical reviews performed prior to its publication, and b) the applications of LCA (as illustrated in ISO 14040:2006, Figure 1).

Keel: en
Alusdokumendid: EN ISO 14071:2024; ISO 14071:2024
Asendab dokumenti: CEN ISO/TS 14071:2016

EVS-EN ISO 9241-920:2024

Ergonomics of human-system interaction - Part 920: Tactile and haptic interactions (ISO 9241-920:2024)

This document specifies requirements and recommendations for tactile/haptic hardware and software interactions. It provides guidance on the design and selection of hardware, software and combinations of hardware and software interactions, including: — the design or use of tactile/haptic inputs, outputs and/or combinations of inputs and outputs, with general guidance on their design or use as well as on designing or using combinations of tactile and haptic interactions for use in combination with other modalities or as the exclusive mode of interaction; — the tactile/haptic encoding of information, including textual data, graphical data and controls; — the design of tactile/haptic objects; — the layout of tactile/haptic space; — interaction techniques. The recommendations given in this document are applicable to a variety of tactile/haptic devices, representing the real world or virtual or mixed realities (e.g. exoskeletons, wearables, force feedback devices, touchables, tangibles) and stimulation types (e.g. acoustic radiation pressure, electrical muscle stimulation) and they can also be found in virtual and augmented environments. This document provides general information about how various forms of tactile/haptic interaction can be applied to various user tasks. This document does not include guidance on the role of walking in virtual or mixed realities for tactile/haptic interaction. NOTE It is recognized that some interactive scenarios can be constrained by the limitation that a real workspace is to be modelled in a virtual environment. Objects can be in suboptimal positions or conditions for tactile/haptic interaction by virtue of the situation being modelled.

Keel: en
Alusdokumendid: ISO 9241-920:2024; EN ISO 9241-920:2024
Asendab dokumenti: EVS-EN ISO 9241-920:2016

EVS-EN ISO/IEC 80079-49:2024

Plahvatusohtlikud keskkonnad. Osa 49: Leegitõkestid. Toimivusnõuded, katsemeetodid ja kasutuspiirangud
Explosive atmospheres - Part 49: Flame arresters - Performance requirements, test methods and limits for use (ISO/IEC 80079-49:2024)

This document specifies the requirements for flame arresters that prevent flame transmission when explosive gas-air or vapour-air mixtures are present. It establishes uniform principles for the classification, basic construction and information for use, including the marking of flame arresters, and specifies test methods to verify the safety requirements and determine safe limits of use. This document is applicable to pressures ranging from 80 kPa to 160 kPa and temperatures ranging from -20 °C to +200 °C. This document does not apply to the following: - external safety-related measurement and control equipment that might be required to keep the operational conditions within the established safe limits; - flame arresters used for explosive mixtures of vapours and gases, which tend to self-decompose (for example, acetylene) or which are chemically unstable; - flame arresters used for carbon disulfide, due to its special properties; - flame arresters whose intended use is for mixtures other than gas-air or vapour-air mixtures (for example, higher oxygen-nitrogen ratio, chlorine as oxidant); - flame arrester test procedures for reciprocating internal combustion engines; - fast acting valves, extinguishing systems and other explosion isolating systems; - Flame arresters used in gas detectors (those being covered for example, by IEC 60079-29-1 and IEC 62990-1). This edition cancels and replaces ISO 16852:2016, which has been technically revised. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to ISO 16852:2016: a) adaptation of the relevant IEC TC 31 requirements on standards; b) modification of the upper limit of the temperature range from 150 °C to 200 °C under the condition that T0 shall be not larger than 80 % of the auto ignition temperature of the gas-air-mixture; c) change of the term "explosion group" to "equipment group" due to editorial requirements in IEC/TC 31; d) clarification of the conditions and requirements for flame arresters whose intended operating conditions are outside the atmospheric conditions in 7.3.4 and 7.3.5; e) clarification of the requirements on the information for use in Clause 12 f) concerning the burn time; f) addition of a permission to the construction requirements both in 7.1 and 14.1 to substitute visual inspection by performing a flow test; g) addition of a flow chart for the evaluation of test results as Annex D

Keel: en
Alusdokumendid: ISO/IEC 80079-49:2024; EN ISO/IEC 80079-49:2024
Asendab dokumenti: EVS-EN ISO 16852:2016

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 61869-1:2024

Mõõtetrafod. Osa 1: Üldnõuded
Instrument transformers - Part 1: General requirements

IEC 61869-1:2023 is applicable to newly manufactured instrument transformers intended for applications where the nominal voltage is higher than 1 kV AC or 1,5 kV DC, with an analogue or a digital secondary signal for measuring, protection and control purposes, with rated frequencies from 15 Hz to 400 Hz, or for DC applications. The general requirements for instrument transformers for applications in LV systems (nominal voltage ≤ 1 kV AC or ≤ 1,5 kV DC) are covered by IEC 61869-201. This part of IEC 61869 is a product family standard and covers general requirements only. For each type of instrument transformer, the product standard is composed of this document and the relevant specific product standard. This part of IEC 61869 contains the requirements for the limits of the errors both for analogue and digital secondary signal. The other characteristics of a digital interface for instrument transformer are standardised in IEC 61869-9 as an application of the IEC 61850 horizontal standard series, covering communication networks and systems for power utility automation. This part of IEC 61869 considers bandwidth requirements. The accuracy requirements on harmonics and requirements for the anti-aliasing filter are specified in 5.7. IEC 61869-1:2023 cancels and replaces the first edition published in 2007 and IEC 61869 6:2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) merger with IEC 61869-6:2016; b) new scope: equipment for HV applications with a nominal voltage > 1 kV AC or 1,5 kV DC; c) new classification of some special tests as type tests or routine test; d) additional type tests, additional special tests and new clause for commissioning tests; e) new annexes E, F, G and I.

Keel: en
Alusdokumendid: IEC 61869-1:2023; EN IEC 61869-1:2024
Asendab dokumenti: EVS-EN 61869-1:2009
Asendab dokumenti: EVS-EN 61869-6:2016

EVS-EN ISO 5459:2024

Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems (ISO 5459:2024)

This document specifies terminology, rules and methodology for the indication and understanding of datums and datum systems in technical product documentation. This document also provides explanations to assist the user in understanding the concepts involved. This document defines the specification operator (see ISO 17450-2) used to establish a datum or datum system. The verification operator (see ISO 17450-2) can take different forms (physically or mathematically) and is not the subject of this document. NOTE The detailed rules for maximum and least material requirements for datums are given in ISO 2692.

Keel: en
Alusdokumendid: ISO 5459:2024; EN ISO 5459:2024
Asendab dokumenti: EVS-EN ISO 5459:2011

19 KATSETAMINE

EVS-EN IEC 60721-3-1:2018/AC:2024

Classification of environmental conditions - Part 3-1: Classification of groups of environmental parameters and their severities - Storage

Corrigendum to EN IEC 60721-3-1:2018

Keel: en
Alusdokumendid: EN IEC 60721-3-1:2018/AC:2024-10; IEC 60721-3-1:2018/COR1:2024
Parandab dokumenti: EVS-EN IEC 60721-3-1:2018

EVS-EN ISO 15708-1:2024

Non-destructive testing - Radiation methods for computed tomography - Part 1: Vocabulary (ISO 15708-1:2024)

This document defines terms used in the field of computed tomography (CT). It presents vocabulary that is not only CT-specific but which also includes other more generic terms and definitions spanning imaging and radiography. Some of the definitions represent discussion points aimed at refocusing their terms in the specific context of computed tomography.

Keel: en
Alusdokumendid: ISO 15708-1:2024; EN ISO 15708-1:2024
Asendab dokumenti: EVS-EN ISO 15708-1:2019

EVS-EN ISO 16810:2024

Non-destructive testing - Ultrasonic testing - General principles (ISO 16810:2024)

This document specifies the general principles for the ultrasonic testing of industrial products that permit the transmission of ultrasound. The specific conditions of application and use of ultrasonic testing, which depend on the type of product to be tested, are described in documents which can include: — product standards; — specifications; — codes; — contractual documents; — written procedures. This document specifies the minimum applicable requirements, unless otherwise specified in the referencing documents. This document does not specify: — extent of testing and scan plans; — acceptance criteria. This document describes only conventional probes, however, the general principles for ultrasonic testing also apply to ultrasonic testing using array techniques. If array techniques are used, then additional steps or verifications can be needed.

Keel: en
Alusdokumendid: ISO 16810:2024; EN ISO 16810:2024
Asendab dokumenti: EVS-EN ISO 16810:2014

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13480-5:2024

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

See dokument määrab kindlaks nõuded tööstustorustike ülevaatuseks ja testimiseks vastavalt standardile EN 13480-1:2024, mida tuleb teostada eraldiseisvate torude (spools) või torustikusüsteemide puhul, hõlmates ka tugiosasid (supports), mis on kavandatud standardite EN 13480-3:2024 ja EN 13480-6:2024 kohaselt (kui kohaldatav) ning valmistatud ja paigaldatud standardi EN 13480-4:2024 kohaselt.

Keel: en, et
Alusdokumendid: EN 13480-5:2024
Asendab dokumenti: EVS-EN 13480-5:2017/A1:2019
Asendab dokumenti: EVS-EN 13480-5:2017+A1:2019
Asendab dokumenti: EVS-EN 13480-5:2017+A1:2019/A2:2021
Asendab dokumenti: EVS-EN 13480-5:2017+A1+A2:2021

EVS-EN 14585:2024

Profileeritud (gofreeritud) metallist vooliku seadmestikud survesüsteemidele
Corrugated metal hose assemblies for pressure applications

This document specifies the requirements for design, manufacture and installation of corrugated metal hose assemblies for pressure applications, i.e. maximum allowable pressure PS greater than 0,5 bar.

Keel: en
Alusdokumendid: EN 14585:2024
Asendab dokumenti: CEN/TR 14585-2:2006
Asendab dokumenti: CEN/TR 14585-3:2017
Asendab dokumenti: EVS-EN 14585-1:2006

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 544:2024

Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings (ISO 544:2024)

This document specifies technical delivery conditions for filler materials and fluxes for fusion welding. This document does not apply to other auxiliary materials such as shielding gases.

Keel: en
Alusdokumendid: ISO 544:2024; EN ISO 544:2024
Asendab dokumenti: EVS-EN ISO 544:2017

27 ELEKTRI- JA SOOJUSENERGEETIKA

CWA 18147:2024

Testing and evaluating the performance of devices for electrocatalytic CO2-reduction

The Workshop Agreement specifies procedures and protocols for testing and evaluating the performance of devices for electrocatalytic reduction of CO2 to CO. This is done by specifying test methods for the determination of the performance with regard to production rate per electrode area, purity of the produced gas/product gas composition, stability of the reactor and energy consumption. The Workshop Agreement is applicable to devices for electrocatalytic reduction of CO2 to CO. The Workshop Agreement does not specify requirements for the construction or the performance of devices electrocatalytic reduction of CO2 to CO. It is therefore not limited to specific constructive solutions of such devices or to specific fields of application of CO2 reduction. The Workshop Agreement is intended to be used by organisations and persons developing or using such devices.

Keel: en
Alusdokumendid: CWA 18147:2024

EVS-EN IEC 61362:2024

Guidelines to specification of hydraulic turbine governing systems

This International Standard includes relevant technical data necessary to describe hydraulic turbine governing systems and to define their performance. It is aimed at unifying and thus facilitating the selection of relevant parameters in bidding specifications and technical bids. It serves also as a basis for setting up technical guarantees. The scope of this standard is restricted to the turbine governing level. Additionally some remarks about the control loops of the plant level and about interaction with the electrical grid in case of primary and secondary frequency control (see also Annexes B and C) are made for better understanding without making a claim to be complete. Important topics covered by the guide are: – speed, power, water level, opening and flow (discharge) control for reaction and impulse-type turbines including double regulated machines; – means of providing actuating

energy; – safety devices for emergency shutdown, etc. To facilitate the setting up of specifications, this guide also includes data sheets, which are to be filled out by the customer and the supplier in the various stages of the project and the contract. Acceptance tests and specific test procedures are outside the scope of the guide; those topics are covered by IEC 60308.

Keel: en
Alusdokumendid: IEC 61362:2024; EN IEC 61362:2024
Asendab dokumenti: EVS-EN 61362:2012

29 ELEKTROTEHNIKA

EVS-EN 50546:2024

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud
Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

The shore supply system is used while the rolling stock is standing still within depots and sidings location for providing power to the AC auxiliary loads (which can include battery charging) when the primary power supply (contact line) is not available or used. This document: - specifies requirements to the shore supply and to the rolling stock for safe operation on shore supply operation; - specifies the requirements to ensure compatibility of class C0 and C1 train types as given in CLC/TS 50534:2010 systems and three-phase shore power supply systems; - provides a complete system design for 63/125 A shore supplies including the interfaces (power and control loop) between shore supply and rolling stock; - specifies the requirements with regards to interoperability with AC and DC fed traction systems in order to prevent undesired stray currents and adverse interaction with signalling systems when operating on shore supply; - defines the electrical characteristics of the 63/125 A shore power supply; - defines the 63/125 A connectors and its intermateability to provide interoperability for rolling stock that is to run across borders; - defines the 600 A connector and its intermateability; - can be used for other type of rail vehicles and purposes, if agreed by the manufacturer and customer - does not apply to shore supplies to move the rolling stock; - does not describe the 600 A shore supply system. NOTE 1 The 600 A connector is the existing UK standard three-phase shore supply connector which has a long service history. NOTE 2 The connectors are dimensioned using standard rolling stock cables as set out in EN 50264-3-1:2008. NOTE 3 Examples of other usage and rail vehicles are: e.g. light rail vehicles, class A train types, traction battery charging etcetera.

Keel: en
Alusdokumendid: EN 50546:2024
Asendab dokumenti: EVS-EN 50546:2020
Asendab dokumenti: EVS-EN 50546:2020/AC:2021

EVS-EN 61184:2017/A2:2024

Bajonett-lambipesad
Bayonet lampholders

Amendment to EN 61184:2017

Keel: en
Alusdokumendid: IEC 61184:2017/AMD2:2024; EN 61184:2017/A2:2024
Muudab dokumenti: EVS-EN 61184:2017

EVS-EN IEC 60127-1:2024

Väikesulavkaitsmed. Osa 1: Väikesulavkaitsmete määratlused ja üldnõuded väikesulavpanustele
Miniature fuses - Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links

This part of IEC 60127 covers the general requirements and tests applicable to all types of miniature fuse-links (e.g. cartridge fuse-links, sub-miniature fuse-links, universal modular fuse-links and miniature fuse-links for special applications) for the protection of electric appliances, electronic equipment and component parts thereof normally intended to be used indoors. This standard does not apply to fuses intended for the protection of low-voltage electrical installations. These are covered by IEC 60269, Low Voltage Fuses. Specific details covering each major subdivision are given in subsequent parts. This standard does not apply to fuses for appliances intended to be used under special conditions, such as in a corrosive or explosive atmosphere. The object of this standard is a) to establish uniform requirements for miniature fuses so as to protect appliances or parts of appliances in the most suitable way, b) to define the performance of the fuses, so as to give guidance to designers of electrical appliances and electronic equipment and to ensure replacement of fuse-links by those of similar dimensions and characteristics, c) to define methods of testing, d) to define maximum sustained dissipation of fuse-links to ensure good compatibility of stated power acceptance when used with fuse-holders according to this standard (see IEC 60127-6).

Keel: en
Alusdokumendid: IEC 60127-1:2023; EN IEC 60127-1:2024
Asendab dokumenti: EVS-EN 60127-1:2006
Asendab dokumenti: EVS-EN 60127-1:2006/A1:2011
Asendab dokumenti: EVS-EN 60127-1:2006/A2:2015

EVS-EN IEC 60127-6:2024

Väikesulavkaitsmed. Osa 6: Kaitsmepesad väikesulavpanustele
Miniature fuses - Part 6: Fuse-holders for miniature fuse-links

IEC 60127-6:2023 is applicable to fuse-holders for miniature cartridge fuse-links according to IEC 60127-2, sub-miniature fuse-links according to IEC 60127-3, universal modular fuse-links to IEC 60127-4 and miniature fuse-links for special applications to IEC 60127-7 for the protection of electric appliances, electronic equipment and component parts thereof, normally intended for use indoors. NOTE Requirements for fuse-holders for miniature fuse-links complying with IEC 60127-4 and IEC 60127-7 are under consideration. It does not apply to fuse holders for fuses completely covered by the subsequent parts of IEC 60269-1.

Keel: en
Alusdokumendid: IEC 60127-6:2023; EN IEC 60127-6:2024
Asendab dokumenti: EVS-EN 60127-6:2014

EVS-EN IEC 60317-0-3:2024

Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire

IEC 60317-0-3:2024 specifies the general requirements of enamelled round aluminium winding wires with or without a bonding layer. The range of nominal conductor diameters is given in the relevant specification sheet. This edition includes the following significant technical changes with respect to the previous edition: a) Revision to Clause 7, designating the test as inappropriate; b) Revision to Clause 10, designating the test as inappropriate.

Keel: en
Alusdokumendid: IEC 60317-0-3:2024; EN IEC 60317-0-3:2024
Asendab dokumenti: EVS-EN 60317-0-3:2008
Asendab dokumenti: EVS-EN 60317-0-3:2008/A1:2013
Asendab dokumenti: EVS-EN 60317-0-3:2008/A2:2019

EVS-EN IEC 62752:2024

Kaabliga ühitatud juhtimis- ja kaitseseadis elektriliste maanteesõidukite laadimiseks laadimisviisil 2
In-cable control and protection device (IC-CPD) for mode 2 charging of electric road vehicles

IEC 62752:2024 This International Standard applies to in-cable control and protection devices (IC-CPDs) for mode 2 charging of electric road vehicles, hereafter referred to as "IC-CPD", including control and safety functions. This document applies to portable devices performing simultaneously the functions of detection of the residual current, of comparison of the value of this current with the residual operating value and of opening of the protected circuit when the residual current exceeds this value. This second edition cancels and replaces the first edition published in 2016, and Amendment 1:2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - Subclause 8.3.1 revised to add requirements for a mandatory control device that detects the temperature of the current carrying parts in the household plug; - Test requirements added in a new Subclause 9.36 for the temperature control device; - Harmonization of EMC requirements with new edition of IEC 61543 and IEC 61851-21-2; - General improvement of test and requirements.

Keel: en
Alusdokumendid: IEC 62752:2024; EN IEC 62752:2024
Asendab dokumenti: EVS-EN 62752:2016
Asendab dokumenti: EVS-EN 62752:2016/A1:2020
Asendab dokumenti: EVS-EN 62752:2016/AC:2019

EVS-EN IEC 63356-2:2024

LED light source characteristics - Part 2: Design parameters and values

IEC 63356-2:2024 specifies design parameters and design values of an LED light source or related interface characteristics. NOTE 1 Interface characteristics can cover interfaces between the LED light source and the luminaire or the controlgear, or the LED light source and additional attachments. NOTE 2 Interfaces can be related to for example electrical, mechanical, or optical aspects. This document does not cover interchangeability between products from different LED light source manufacturers. NOTE 3 Interchangeability is covered by IEC 63356-1. Lamp caps and lampholders specified in the IEC 60061 series are not within the scope of this document. This second edition cancels and replaces the first edition published in 2022. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) a new Clause 6 for circular LED modules with a circular light emitting surface for spot lighting has been added; b) a new Clause 7 for LEDni modules with a rectangular shape and a circular light emitting surface has been added.

Keel: en
Alusdokumendid: IEC 63356-2:2024; EN IEC 63356-2:2024
Asendab dokumenti: EVS-EN IEC 63356-2:2022

31 ELEKTROONIKA

EVS-EN IEC 62668-1:2019/A1:2024

Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components

Amendment to EN IEC 62668-1:2019

Keel: en
Alusdokumendid: IEC 62668-1:2019/AMD1:2024; EN IEC 62668-1:2019/A1:2024
Muudab dokumenti: EVS-EN IEC 62668-1:2019

33 SIDETEHNIKA

EVS-EN 301 908-25 V15.1.1:2024

IMT kärgsidesidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 25. New Radio (NR) kasutajaseadmed (UE) Versioon 15
IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 25: New Radio (NR) User Equipment (UE) Release 15

The present document applies to the following radio equipment type: • User Equipment for New Radio (NR). Requirements throughout the present document are in many cases defined separately for different Frequency Ranges (FR). The frequency ranges in which NR can operate according to this version of the present document are identified as described in Table 1-1. Table 1-1: Definition of frequency ranges Frequency range designation; Corresponding frequency range FR1; 450 MHz - 7 125 MHz FR2; 24 250 MHz - 52 600 MHz

Keel: en
Alusdokumendid: ETSI EN 301 908-25 V15.1.1

EVS-EN 303 760 V1.1.1:2024

SmartM2M; SAREF Guidelines for IoT Semantic Interoperability; Develop, apply and evolve Smart Applications ontologies

The present document gives guidance and provisions for making IoT smart applications and products interoperable at the semantic level in compliance to the SAREF framework. It contains provisions about how to use SAREF, points to the relevant existing Technical Reports and Technical Specifications and specifies a methodology to follow for showing SAREF compliance according to the present SAREF EN. Further on, it describes how to contribute optionally to a new SAREF extension (if what Users need is not yet in the SAREF framework). The present document addresses parties involved in the development and manufacturing of IoT smart applications and products, who might take different roles in their organization like: • executives and product owners, who decide on to invest in a SAREF-compliant product; • developers, who will implement a SAREF-compliant product as non-ontology experts or even ontology experts. Different roles imply different intentions and expectations when reading the present document according to their tasks in the organization. The present document considers this by its implemented structure. Clause 4 provides guidance about how to go throughout the present document in order to judge, which clauses might be essential for the special role of the reader and which ones might be skipped. The present document is structured as follows: • Clauses 1 to 3 set the scene and provide references as well as definitions of terms, symbols and abbreviations, which are used in the present document. • Clause 4 defines the motivation and principles shared by those who are reading the present document also serving as a checkpoint whether the reader is in the right place or not. It includes a brief reading guide as not everyone needs to read every part of the present document, depending on the reader's role and expertise. • Clause 5.1 provides guidance about the best practice of specifying use cases as the important basis for deriving requirements from them. • Clause 5.2 provides guidance/provisions about identifying core elements from the use cases defined in clause 5.1. • Clause 5.3 describes, how to get acquainted with SAREF. • Clause 5.4 provides guidance /provisions about ensuring that the correct (latest) versions of the relevant SAREF modules/patterns/extensions are selected. It illustrates, how to document the version of those SAREF modules, which the product, application, or possible ontology extension is compliant to. • Clause 6.1 provides guidance/provisions about the translation of data into SAREF. • Clause 6.2 gives guidance about testing "SAREF-compliant data" in one example application of interoperability exchange with another organization/manufacturer/brand. • Clause 7.1 provides guidance/provisions about creating a new SAREF extension (or pattern). • Clause 7.2 provides guidance/provisions about checking SAREF compliance of a new created SAREF extension without going (yet) to an official standardization contribution to ETSI. • Clause 8 describes the process of incorporating a new created SAREF extension according to clause 7 in the official standardization process in ETSI, which will then result in a new official extension/pattern (SAREF4abcd) under the ETSI SAREF namespace. • Annex A contains an example of a possible use case to provide context to clause 5.1. • Annex B contains examples of relevant core elements from use cases to provide context to clause 5.2. • Annex C contains examples of translating data into SAREF-compliant data to provide context to clause 6.1. • Annex D contains examples of testing SAREF data to provide context to clause 6.2. • Annex E provides a short summary of SAREF ontology development methodology with figures and different phases. • Annex F provides a mechanism for the User of the present document (who is expected to be an entity involved in the development and manufacturing of IoT smart applications and products) to give information about the implementation of the provisions within the present document. • Annex G provides an example of how to enhance the SAREF core with its extensions to give context to clause 7.

Keel: en
Alusdokumendid: ETSI EN 303 760 V1.1.1

35 INFOTEHNOLOOGIA

CWA 50751:2024

Methodology for the data-driven management of production processes

This document presents a methodology for the data-driven management of production processes from inception to operation, which allows to document their lifecycle and gain knowledge through its application. It provides a description of the methodological approach along with the introduction to its primary objectives. The objectives of this methodology encompass traceability, involving: - Structured documentation of data related to observed parameters, materials, and the physical infrastructure equipment used in processes. - Data acquisition, which facilitates collection of measured data. - Data analysis, with interfaces designed for extracting insights through charts or dashboards. - Simulation capabilities, enabling the execution of models to anticipate outcomes before production initiation. The methodology is preferably to be integrated into an information system that offers the aforementioned capabilities. It also serves as a communication tool, fostering collaboration between stakeholders, such as producers and customers. However, this document does not impose any specific technological framework for this system. NOTE This methodology does not constitute a use case for digital twin adoption, although their abilities may align with the capabilities of a digital twin. This document is intended to be used by industries characterized by the presence of production processes or engineering consultancies working with them. For instance: manufacturing of materials or products, water and waste treatment and valorisation of subproducts, etc.

Keel: en
Alusdokumendid: CWA 50751:2024

EVS-EN ISO 19103:2024

Geographic information - Conceptual schema language (ISO 19103:2024)

This document specifies provisions for the use of a conceptual schema language within the context of modelling geographic information. The chosen conceptual schema language is a subset of the Unified Modeling Language (UML). This document specifies a UML profile for modelling geographic information. This document specifies a set of core data types for use in conceptual schemas. The standardization target type of this document is conceptual schemas describing geographic information.

Keel: en
Alusdokumendid: ISO 19103:2024; EN ISO 19103:2024

EVS-EN ISO 9241-920:2024

Ergonomics of human-system interaction - Part 920: Tactile and haptic interactions (ISO 9241-920:2024)

This document specifies requirements and recommendations for tactile/haptic hardware and software interactions. It provides guidance on the design and selection of hardware, software and combinations of hardware and software interactions, including: — the design or use of tactile/haptic inputs, outputs and/or combinations of inputs and outputs, with general guidance on their design or use as well as on designing or using combinations of tactile and haptic interactions for use in combination with other modalities or as the exclusive mode of interaction; — the tactile/haptic encoding of information, including textual data, graphical data and controls; — the design of tactile/haptic objects; — the layout of tactile/haptic space; — interaction techniques. The recommendations given in this document are applicable to a variety of tactile/haptic devices, representing the real world or virtual or mixed realities (e.g. exoskeletons, wearables, force feedback devices, touchables, tangibles) and stimulation types (e.g. acoustic radiation pressure, electrical muscle stimulation) and they can also be found in virtual and augmented environments. This document provides general information about how various forms of tactile/haptic interaction can be applied to various user tasks. This document does not include guidance on the role of walking in virtual or mixed realities for tactile/haptic interaction. NOTE It is recognized that some interactive scenarios can be constrained by the limitation that a real workspace is to be modelled in a virtual environment. Objects can be in suboptimal positions or conditions for tactile/haptic interaction by virtue of the situation being modelled.

Keel: en
Alusdokumendid: ISO 9241-920:2024; EN ISO 9241-920:2024
Asendab dokumenti: EVS-EN ISO 9241-920:2016

EVS-ISO/IEC 25010:2024

Süsteemi- ja tarkvaratehnika. Süsteemide ja tarkvara kvaliteedinõuded ja kvaliteedi hindamine (SQuaRE). Toote kvaliteedimudel

Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Product quality model (ISO/IEC 25010:2023, identical)

See dokument määratleb toote kvaliteedi mudeli, mis on rakendatav IKT- (info- ja sidetehnoloogia) toodetele ja tarkvaratoodetele. Toote kvaliteedimudel koosneb üheksast toote kvaliteediomadustega seotud karakteristikust (mis on jaotatud alamkarakteristikuteks). Karakteristikud ja alamkarakteristikud annavad võrdlusmudeli toodete kvaliteedi spetsifitseerimiseks, mõõtmiseks ja hindamiseks. MÄRKUS 1 Selles dokumendis tähendab toode IKT-toodet, mis on osa infosüsteemist. IKT-toodete komponendid hõlmavad alamsüsteeme, tarkvara, püsivara, riistvara, andmeid, side taristut ja muid IKT-toodete osaks olevaid elemente. Seda mudelit saavad toodete kvaliteedi nõuete spetsifitseerimiseks ja tulemtoodete kvaliteedi hindamiseks kogu nende elutsükli kestel kasutada mitmed huvipooled, sealhulgas väljatöötajad, hankijad, kvaliteedi tagamise ja kvaliteedikujunduse töötajad ning sõltumatud hindajad. Toote elutsükli toimingud, millel võib olla tulu selle mudeli kasutamisest, hõlmavad järgmist: — toote- ja infosüsteeminõuete väljaselgitamine ja määratlemine; — nõuete määratlemise ammendavuse valideerimine; — toote ja infosüsteemi kavandamise eesmärkide piiritlemine ning kvaliteedi saavutamiseks vajaliku protsessi kavandamine; — toodete ja infosüsteemide testimise eesmärkide piiritlemine; — kvaliteedikujunduse kriteeriumide määratlemine kvaliteedi tagamise osana; — toote ja/või infosüsteemi vastuvõtukriteeriumide piiritlemine; — toote kvaliteedikarakteristikute mõõtude kehtestamine nende tegevuste toetamiseks. MÄRKUS 2 Kvaliteedimudeli kasutamist mõõtmiseks on selgitatud lisas C.

Keel: en, et
Alusdokumendid: ISO/IEC 25010:2023
Asendab dokumenti: EVS-ISO/IEC 25010:2011

45 RAUDTEETEHNIKA

EVS-EN 15227:2020+A1:2024

Raudteealased rakendused. Raudteeveeremi kere purunemiskindluse nõuded
Railway applications - Crashworthiness requirements for rail vehicles

This document specifies crashworthiness requirements applicable to new designs of: - locomotives; - driving vehicles operating in passenger and freight trains; - passenger rail vehicles operating in passenger trains (such as trams, metros, mainline trains). This document identifies common methods of providing passive safety that can be adapted to suit individual vehicle requirements. This document specifies the characteristics of reference obstacle models for use with the design collision scenarios. This document also specifies the requirements and methods for demonstrating that the passive safety objectives have been achieved by comparison with existing proven designs, numerical simulation, component or full-size tests, or a combination of all these methods.

Keel: en
Alusdokumendid: EN 15227:2020+A1:2024
Asendab dokumenti: EVS-EN 15227:2020

EVS-EN 15313:2024

Raudteealased rakendused. Kasutuses olevate rattapaaride käitusnõuded. Kasutuses ja veeremilt eemaldatud rattapaaride hooldamine
Railway applications - In-service wheelset operation requirements - In-service and off-vehicle wheelset maintenance

To ensure safety and interoperability, this document gives: - the limits for in-service and off-vehicle wheelsets; - the operations to be carried out for which the specific values (and/or criteria) remain to be defined in the maintenance plan. This document applies to wheelsets and axleboxes complying with the following European standards: - EN 13103-1:2017+A1:2022; - EN 13260:2020, EN 13261:2020, EN 13262:2020; - EN 13979-1:2023; - EN 13715:2020; - EN 13749:2021+A1:2023; that comprise: - the axle fitted with wheels of diameters greater than or equal to 330 mm; - axleboxes with bearings and grease. This document is also applicable to wheelsets: - fitted with brake discs, final drive, transmission or noise-damping systems, as appropriate; - not complying with the above European standards, but complying with the international requirements in force, for example in UIC leaflets, before the approval of these standards; - with tyred wheels; - with resilient wheels. For equipment not covered by Directive (EU) 2016/797, this European Standard can be applied, noting that different values can be used. All dimensions in this document are in millimetres (mm). It is necessary to describe in a specific document the tasks to be performed in order to maintain wheelsets within the limits defined therein. NOTE The specific values and criteria are defined in an appropriate maintenance plan.

Keel: en
Alusdokumendid: EN 15313:2024
Asendab dokumenti: EVS-EN 15313:2016

EVS-EN 15839:2024

Railway applications - Testing and simulation for the acceptance of running characteristics of railway vehicles - Running safety under longitudinal compressive force

This document defines the assessment of endurable longitudinal compressive force (LCF) of a vehicle. The endurable longitudinal compressive force is a parameter depending on the vehicle design. It is used to estimate the risk of derailment of a vehicle as a result of being subjected to longitudinal compressive force, under operating conditions. NOTE 1 As operating conditions can vary in several aspects (infrastructure, train configurations etc.), this document defines uniform assessments of endurable longitudinal compressive force per vehicle in specific operating conditions. The main assessment of endurable longitudinal compressive force for conventional trains is derived from UIC 530-2:2011, which is based on practical tests performed in ERRI-B12. Assessments of endurable longitudinal compressive force for high-capacity trains in this document are required by the methodology of IRS 40421. IRS 40421 assesses operational train parameters. This document applies to the following types of vehicles: - single wagons; - permanently coupled units with standard ends between the vehicles; - permanently coupled units with diagonal buffers and screw couplers between the vehicles; - permanently coupled units with a bar coupler between the vehicles; - articulated units with 2-axle bogies; - wagons with 3-axle bogies; - low-floor wagons with eight or more axles (e.g. rolling road wagon); - vehicles with centre couplers; - railbound construction and maintenance machines as defined in EN 14033-1:2017. NOTE 2 This document defines the acceptance process to be followed by vehicles that are operated in a way that high longitudinal compressive force occur in the trains due to their operational environment (e.g. train composition, brake mode, track layout). The following vehicles are not in the scope of this document: - locomotives and passenger rolling stocks; - vehicles that are only operated in passenger trains. NOTE 3 Locomotives, passenger rolling stocks and vehicles operated in passenger trains only are not in the scope of this document as they either are subject to low longitudinal compressive force in operation or have sufficient endurable longitudinal compressive force due to their axle load. Acceptance criteria and test conditions as well as conditions for simulation are defined in this document. Conditions for dispensation of the assessment of the endurable longitudinal compressive force are also defined in this document. This document applies principally to vehicles which operate without restrictions on tracks with a gauge of 1 435 mm in Europe. NOTE 4 The influence on railway systems using other gauges is not sufficiently understood to extend the scope of this document to gauges other than 1 435 mm. NOTE 5 For wagons with centre couplers, a need for assessment of derailment risk due to Longitudinal Forces on other gauges (1 524 mm, 1 600 mm, 1 668 mm) has been expressed. The influence on railway systems using other gauges is not sufficiently understood. This document only introduces some notions to assess it independently from the gauge.

Keel: en

Alusdokumendid: EN 15839:2024
Asendab dokumenti: EVS-EN 15839:2012+A1:2015

EVS-EN 50343:2024

Railway applications - Rolling stock - Rules for installation of cabling

This document specifies requirements for the installation of cabling on railway vehicles and within electrical enclosures on railway vehicles, including magnetic levitation trains and trolley buses. NOTE With respect to trolley buses, this document applies to the whole electric traction system, including current collecting circuits, power converters and the respective control circuits. The installation of other circuits is covered by street vehicle standards for example those for combustion driven buses. This document covers cabling for making electrical connections between items of electrical equipment, including cables, busbars, terminals and plug/socket devices. It does not cover special effect conductors like fibre optic cables or hollow conductors (waveguides). The material selection criteria given here are applicable to cables with copper conductors. This document is not applicable to the following: - special purpose vehicles, such as track-laying machines, ballast cleaners and personnel carriers; - vehicles used for entertainment on fairgrounds; - vehicles used in mining; - electric cars; - funicular railways. As the field of cabling in rolling stock is also dealt with in the cable makers' standard, references are made to EN 50264 series, EN 50306 series, EN 50382 series and EN 50355. This document applies in conjunction with the relevant product and installation standards and describes minimum requirements.

Keel: en
Alusdokumendid: EN 50343:2024
Asendab dokumenti: EVS-EN 50343:2014
Asendab dokumenti: EVS-EN 50343:2014/A1:2017

EVS-EN 50546:2024

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud
Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

The shore supply system is used while the rolling stock is standing still within depots and sidings location for providing power to the AC auxiliary loads (which can include battery charging) when the primary power supply (contact line) is not available or used. This document: - specifies requirements to the shore supply and to the rolling stock for safe operation on shore supply operation; - specifies the requirements to ensure compatibility of class C0 and C1 train types as given in CLC/TS 50534:2010 systems and three-phase shore power supply systems; - provides a complete system design for 63/125 A shore supplies including the interfaces (power and control loop) between shore supply and rolling stock; - specifies the requirements with regards to interoperability with AC and DC fed traction systems in order to prevent undesired stray currents and adverse interaction with signalling systems when operating on shore supply; - defines the electrical characteristics of the 63/125 A shore power supply; - defines the 63/125 A connectors and its intermateability to provide interoperability for rolling stock that is to run across borders; - defines the 600 A connector and its intermateability; - can be used for other type of rail vehicles and purposes, if agreed by the manufacturer and customer - does not apply to shore supplies to move the rolling stock; - does not describe the 600 A shore supply system. NOTE 1 The 600 A connector is the existing UK standard three-phase shore supply connector which has a long service history. NOTE 2 The connectors are dimensioned using standard rolling stock cables as set out in EN 50264-3-1:2008. NOTE 3 Examples of other usage and rail vehicles are: e.g. light rail vehicles, class A train types, traction battery charging etcetera.

Keel: en
Alusdokumendid: EN 50546:2024
Asendab dokumenti: EVS-EN 50546:2020
Asendab dokumenti: EVS-EN 50546:2020/AC:2021

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN 711:2024

Inland navigation vessels - Railings for decks and side decks - Requirements, designs and types

This document is applicable to railings for decks and in gangways on inland navigation vessels. It lays down design, dimensions, strength and test conditions which have to be observed for safety reasons. The railings provide protection for persons against falling overboard and from one deck to another.

Keel: en
Alusdokumendid: EN 711:2024
Asendab dokumenti: EVS-EN 711:2016

49 LENNUNDUS JA KOSMOSETEHNIKA

CWA 18150:2024

Unmanned aircraft systems — Counter UAS — Testing methodology

This document develops a standardized test methodology for assessing the performance of solutions for the detection, tracking and identification of drones in order to protect the lower airspace. This standardized test methodology is based upon a series of standard user-defined scenarios representing a wide set of use cases (e.g. prison & airport security, aviation safety, critical infrastructure protection, border security, drugs & human trafficking, etc).

Keel: en

Alusdokumendid: CWA 18150:2024

EVS-EN 12312-4:2024

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 4: Reisijasillad
Aircraft ground support equipment - Specific requirements - Part 4: Passenger boarding bridges

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of passenger boarding bridges (PBBs) when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or their authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This document applies to: a) apron-drive bridges; b) fixed-head bridges (also referred to as nose-loaders) or pedestal bridges; c) suspended bridges for embarking/disembarking of passengers. It is applicable from the interface with the terminal building, which can be movable, e.g. on two levels to separate arrival and departure level to the connection with the aircraft including fixed tunnels. This document does not apply to: d) elevating lounges; e) passenger stairs; f) other form of aircraft access equipment; g) autonomous PBB positioning. No extra requirements on noise are provided other than those in EN 1915 4:2004+A1:2009. NOTE EN 1915 4:2004+A1:2009 provides the general noise requirements. This part of EN 12312 is not applicable to PBBs which were manufactured before the date of publication of this document by CEN. This part of EN 12312 when used in conjunction with EN 1915-1:2023 and EN 1915 2:2001+A1:2009 provides the requirements for PBBs.

Keel: en
Alusdokumendid: EN 12312-4:2024
Asendab dokumenti: EVS-EN 12312-4:2014

EVS-EN 2588:2024

Aerospace series - Bearing, spherical plain in corrosion resisting steel with assembly slots - Dimensions and loads

This document specifies the characteristics of spherical plain bearings in corrosion resisting steel, with assembly slots, metric series, with or without lubrication holes and groove, intended for use in fixed or moving parts of aircraft structure and control mechanisms, within the temperature range from −54 °C to 150 °C. It also applies to the following temperature ranges when lubricated with the following greases (see EN 2337): - ester type very high pressure grease (code letter A), operating range from −73 °C to 121 °C; - synthetic hydrocarbon type very high pressure grease general purpose (code letter B), operating range from −54 °C to 177 °C. Their field of application when lubricated with grease code letter A is limited to 121 °C.

Keel: en
Alusdokumendid: EN 2588:2024
Asendab dokumenti: EVS-EN 2588:2006

EVS-EN 4165-024:2024

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 024: Single module plug - Product standard

This document specifies the single module plug used in the family of rectangular electrical connectors, operating temperature 175 °C continuous. The receptacles and accessories corresponding to this plug are specified in EN 4165-002. The cavity of this connector is uncoded, so it can accept polarized modules N, A, B, C and D as specified in EN 4165-002.

Keel: en
Alusdokumendid: EN 4165-024:2024
Asendab dokumenti: EVS-EN 4165-024:2017

EVS-EN IEC 62668-1:2019/A1:2024

Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components

Amendment to EN IEC 62668-1:2019

Keel: en
Alusdokumendid: IEC 62668-1:2019/AMD1:2024; EN IEC 62668-1:2019/A1:2024
Muudab dokumenti: EVS-EN IEC 62668-1:2019

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 10319:2024

Geosynthetics - Wide-width tensile test (ISO 10319:2024)

This document specifies an index test method for the determination of the tensile properties of geosynthetics (polymeric, glass and metallic), using a wide-width strip. This document is applicable to most geosynthetics, including woven geotextiles, nonwoven geotextiles, geocomposites, knitted geotextiles, geonets, geomats and metallic products. It is also applicable to geogrids and similar open-structure geotextiles, but specimen dimensions will possibly need to be altered. It is not applicable to polymeric or bituminous geosynthetic barriers, but it is applicable to clay geosynthetic barriers. This document specifies a tensile test method that covers the measurement of tensile force, elongation characteristics and includes procedures for the calculation of secant stiffness, maximum load per unit width and strain at maximum force. Singular points on the tensile force-extension curve are also indicated. Procedures for measuring the tensile properties of both conditioned and wet specimens are included in this document.

Keel: en
Alusdokumendid: ISO 10319:2024; EN ISO 10319:2024
Asendab dokumenti: EVS-EN ISO 10319:2015

EVS-EN ISO 13428:2024
Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage (ISO 13428:2024)

This document describes an index test for the determination of the protection efficiency of a geosynthetic on a hard surface, exposed to the impact load of a hemispherical object. The index test measures the change in thickness of a thin lead plate lying between the geosynthetic and a rigid support. It is also used as a performance test, by using the real rigid surface to protect and the real sequence of geosynthetics. The test is applicable to all geosynthetics with apertures smaller than 15 mm (maximum size).

Keel: en
Alusdokumendid: ISO 13428:2024; EN ISO 13428:2024
Asendab dokumenti: EVS-EN ISO 13428:2005

65 PÕLLUMAJANDUS

EVS-EN 17957:2024
Vapour products - Vaping regime for products intended to be used for direct to lung inhalation

This document: — defines a vaping regime for products suitable for use for a specific user inhalation behaviour: the direct to lung inhalation; — defines the parameters, technical requirements and standard conditions for a vaping machine for direct to lung vaping products; — specifies technical requirements of vaping devices suitable to be tested under this regime; — specifies the conditions under which this regime is suitable for use.

Keel: en
Alusdokumendid: EN 17957:2024

EVS-EN 17984-1:2024
Assistance dogs - Part 1: Vocabulary

This document specifies the terms and definitions that apply to: — different types of assistance dogs; — the beneficiary and client services; — health and disabilities; — assistance dog service providers; — assistance dog training staff and related professionals; — the socialization and training processes; — conformity assessment, identification and registration; — accessibility.

Keel: en
Alusdokumendid: EN 17984-1:2024

67 TOIDUAINETE TEHNOLOOGIA

CWA 18149:2024
Guidelines for characterization of extracts for the recycling/upcycling of organic agrifood wastes

This document specifies a collection of methods for the characterization of extracts obtained from agro-industrial residues and by-products, with the purpose to be evaluated for being recycled/upcycled as antioxidant additives in food, cosmetics, and/or nutraceutical formulations. The collection of methods applies to wastes and by-products from vegetables and fruits processing. A method for the determination of total polyphenol content by a colorimetric assay using Folin-Ciocalteu phenol reagent [1] is provided. Along with polyphenols, this method quantifies flavonoids, ascorbic acid, reducing sugars, some amino acids, and some aromatic amines. For the determination of total flavonoids content, a method based on the colorimetric assay using sodium borohydride/Chloranil based reagent [2] is provided. Amongst flavonoids are included: flavones, flavonols, flavonones, falvonols, isoflavonoids, flavanols, and anthocyanins. For the determination of the antioxidant capacity of extracts, three different methods based on a colorimetric assay using 2,2'-azino-bis(3-ethylbenzothiazoline-6-sulfonic acid (ABTS) [3], 2,2-Diphenyl-1-picrylhydrazyl (DPPH) and ferric-tripyridyltriazine (Fe3+ - TPTZ) [4], respectively, are specified.

Keel: en
Alusdokumendid: CWA 18149:2024

71 KEEMILINE TEHNOLOOGIA

CWA 18147:2024
Testing and evaluating the performance of devices for electrocatalytic CO2-reduction

The Workshop Agreement specifies procedures and protocols for testing and evaluating the performance of devices for electrocatalytic reduction of CO2 to CO. This is done by specifying test methods for the determination of the performance with regard to production rate per electrode area, purity of the produced gas/product gas composition, stability of the reactor and energy consumption. The Workshop Agreement is applicable to devices for electrocatalytic reduction of CO2 to CO. The Workshop Agreement does not specify requirements for the construction or the performance of devices electrocatalytic reduction of CO2 to CO. It is therefore not limited to specific constructive solutions of such devices or to specific fields of application of CO2 reduction. The Workshop Agreement is intended to be used by organisations and persons developing or using such devices.

Keel: en
Alusdokumendid: CWA 18147:2024

73 MÄENDUS JA MAAVARAD

EVS-EN 14983:2024

Plahvatuse vältimine ja kaitsemeetmed allmaakaevanduses. Seadmed ja kaitsesüsteemid süttimisohtlike kaevandusgaaside sisseimbumisel
Explosion prevention and protection in underground mines - Equipment and protective systems for firedamp drainage

This document specifies the requirements for equipment and protective systems for firedamp drainage at mines. It also contains requirements for the construction and monitoring of this equipment and protective systems (see EN 1127 2:2014). This document does not apply to firedamp utilization systems beyond the utilization shut-off device.

Keel: en
Alusdokumendid: EN 14983:2024
Asendab dokumenti: EVS-EN 14983:2007

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 18114:2024

Bitumens and bituminous binders - Sustainability - Review on how to address environmental information

This document provides an overview of: - current requirements in the European Union and in individual European states to address sustainability in the field of construction works where bitumens and bituminous binders are used; - the requirements of the Construction Products Regulation (CPR) on environmental sustainability and analyses the implications for bitumens and bituminous binders; - existing horizontal standard EN 15804:2012+A2:2019 related to core rules for the product category of construction products and assesses if it can be used without any additional documents for bitumen and bituminous binders; - status of draft standards developed for specific complementary product category rules by CEN/TC 154, CEN/TC 227, CEN/TC 254 and any other relevant TCs, and assesses if these drafts could require any additional documents specific for bitumens and bituminous binders; - other relevant documents. This document is intended to provide support to CEN/TC 336 for assessing the need for any further standardization documents covering specific product category rules for bitumens and bituminous binders or for other standardization documents in the field of environmental sustainability of bituminous binders. This document covers bitumens and bituminous binders as described in EN 12597, including cut-back and fluxed bituminous binder, and bitumen emulsion, as used in construction works.

Keel: en
Alusdokumendid: CEN/TR 18114:2024

EVS-EN 12594:2024

Bituumen ja bituumensideained. Katseproovide ettevalmistamine
Bitumens and bituminous binders - Preparation of test samples

See dokument määratleb meetodid bituumenitest ja bituumensideainetest katseproovide ettevalmistamiseks nende omaduste katsetamise eesmärgil. HOIATUS! Selle dokumendi rakendusala võib hõlmata ohtlikke materjale, toiminguid ja seadmeid. Selle dokumendi eesmärk ei ole käsitleda kõiki selle dokumendi rakendamisega seotud ohutusprobleeme. Selle dokumendi kasutaja vastutab nõuetekohaste ohutus- ja tervishoiumeetmete rakendamise ning regulatiivpiirangute kasutamiseelse määratlemise eest juba enne dokumendi kasutamist.

Keel: en, et
Alusdokumendid: EN 12594:2024
Asendab dokumenti: EVS-EN 12594:2014

EVS-EN 16709:2024

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

This document specifies requirements and test methods for marketed and delivered high FAME (B20 and B30) diesel fuel for use in diesel engine vehicles designed or subsequently adapted to run on such fuel. High FAME diesel fuel is a mixture of up to 20 % (V/V) in total and up to 30 % (V/V) in total respectively fatty acid methyl esters (commonly known as FAME) complying with EN 14214 and automotive diesel fuel complying with EN 590. For maintenance and control reasons high FAME (B20 and B30) diesel fuel is to be used in captive fleets that are intended to have an appropriate fuel management (see Clause 4). NOTE 1 These products are allowed in Europe [4], but national legislation can set additional requirements or rules concerning, or even prohibiting, marketing or delivering of the product. NOTE 2 For the purposes of this document, the terms “% (m/m)” and “% (V/V)” are used to represent respectively the mass fraction and the volume fraction. NOTE 3 In this document, A-deviations apply (see Annex A).

Keel: en
Alusdokumendid: EN 16709:2024
Asendab dokumenti: EVS-EN 16709:2015+A1:2018

EVS-EN ISO 5124:2024

Loading and unloading of liquefied natural gas (LNG) tank wagons and containers (ISO 5124:2024)

This document provides requirements and recommendations for the design, construction and operation of newly installed liquefied natural gas (LNG) railway loading and unloading facilities for use on onshore LNG terminals, LNG satellite plants, handling LNG

tank wagons or tank containers engaged in international trade. The designated boundary limits of this document are between the LNG terminal's inlet/outlet piping headers at the beginning of the rail loading or unloading area and the rail track area used for LNG tank wagons and containers. It is applicable to all rail loading bays, weighbridge(s) and related subsystems.

Keel: en
Alusdokumendid: ISO 5124:2024; EN ISO 5124:2024

77 METALLURGIA

EVS-EN 12163:2024

Vask ja vasesulamid. Üldotstarbelised vardad
Copper and copper alloys - Rod for general purposes

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy rod in the shape of circles, squares, hexagons or octagons, finally produced by drawing or extruding intended for general purposes. The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

Keel: en
Alusdokumendid: EN 12163:2024
Asendab dokumenti: EVS-EN 12163:2016

EVS-EN 12164:2024

Vask ja vasesulamid. Kergeks mehaaniliseks töötluseks ettenähtud vardad
Copper and copper alloys - Rod for free machining purposes

This document specifies the composition, property requirements and dimensional tolerances for copper alloy rod, in the shape of circles, squares, hexagons or octagons, finally produced by drawing or extruding, especially intended for free machining purposes. The sampling procedures and the methods of test for verification of conformity to the requirements of this document are also specified.

Keel: en
Alusdokumendid: EN 12164:2024
Asendab dokumenti: EVS-EN 12164:2016

EVS-EN 12165:2024

Copper and copper alloys - Wrought and unwrought forging stock

This European Standard specifies the composition, property requirements and dimensional tolerances for forging stock of copper and copper alloys. The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

Keel: en
Alusdokumendid: EN 12165:2024
Asendab dokumenti: EVS-EN 12165:2016

EVS-EN 12166:2024

Vask ja vasesulamid. Üldotstarbeline traat
Copper and copper alloys - Wire for general purposes

This document specifies the composition, property requirements and dimensional tolerances for copper alloy wire, finally produced by drawing, rolling or extruding, intended for general purposes, spring and fastener manufacturing applications. The sampling procedures and the methods of test for verification of conformity to the requirements of this document are also specified.

Keel: en
Alusdokumendid: EN 12166:2024
Asendab dokumenti: EVS-EN 12166:2016

EVS-EN 12167:2024

Vask ja vasesulamid. Üldotstarbelised profiilid ja latid
Copper and copper alloys - Profiles and bars for general purposes

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy profiles including L-, T-, U-shaped cross-sections, and bars, finally produced by drawing or extruding. This European Standard applies to profiles with L-, T- and U-shaped cross-sections which would fit within a circumscribing circle of a maximum 180 mm diameter and to bars with thicknesses from 3 mm up to and including 60 mm and with widths from 6 mm up to and including 120 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this European Standard, are also specified.

Keel: en
Alusdokumendid: EN 12167:2024
Asendab dokumenti: EVS-EN 12167:2016

EVS-EN 12168:2024

Vask ja vasesulamid. Õõnesvardad kergeks mehaaniliseks töötluseks
Copper and copper alloys - Hollow rod for free machining purposes

This document specifies the composition, property requirements and dimensional tolerances for copper alloy hollow rod, finally produced by drawing or extruding, specifically intended for free machining purposes. NOTE Hollow products having an outside diameter greater than 80 mm and/or a wall thickness less than 2 mm are most frequently specified in EN 12449. The sampling procedures, the methods of test for verification of conformity to the requirements of this document, are also specified.

Keel: en
Alusdokumendid: EN 12168:2024
Asendab dokumenti: EVS-EN 12168:2016

EVS-EN 12420:2024

Vask ja vasesulamid. Sepised
Copper and copper alloys - Forgings

This European Standard specifies the composition, the property requirements and tolerances on dimensions and form for copper and copper alloy die and hand forgings. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard, and the delivery conditions are also specified.

Keel: en
Alusdokumendid: EN 12420:2024
Asendab dokumenti: EVS-EN 12420:2014

EVS-EN 1982:2024

Vask ja vasesulamid. Valukangid ja valandid
Copper and copper alloys - Ingots and castings

This document specifies the composition, mechanical properties and other relevant characteristics of copper and copper alloys. The sampling procedures and test methods for the verification of conformity to the requirements of this document are also specified. This document is applicable to: a) copper alloy ingots intended to be remelted for later processing (e.g. castings); and b) copper and copper alloy castings which are intended for use without subsequent working other than machining. Recommended practice for the ordering and supply of castings is included in Annex A. Optional supplementary inspection procedures for ingots and castings are included in Annex B. NOTE Ingots are not suitable for pressure equipment applications.

Keel: en
Alusdokumendid: EN 1982:2024
Asendab dokumenti: EVS-EN 1982:2017

EVS-EN ISO 683-7:2024

Heat-treatable steels, alloy steels and free-cutting steels - Part 7: Bright products of non-alloy and alloy steels (ISO 683-7:2023)

This document specifies the technical delivery requirements for bright steel products in the drawn, peeled/turned or additional ground condition and they are intended for mechanical purposes, for example for machine parts. The bright steel products are subdivided into the following steel types: a) non-alloy general engineering steels; b) non-alloy free-cutting steels; c) non-alloy and alloy case-hardening steels; d) non-alloy and alloy steels for quenching and tempering. Bright products of stainless steels are not part of this document, they are covered by ISO 16143-4.

Keel: en
Alusdokumendid: ISO 683-7:2023; EN ISO 683-7:2024
Asendab dokumenti: EVS-EN 10277:2018

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 20182:2024

Refractory test-piece preparation - Gunning refractory panels by the pneumatic-nozzle mixing type guns (ISO 20182:2024)

This document describes the procedure for the preparation of test panels from refractory materials by gunning through pneumatic nozzle mixing type guns at ambient temperatures. The test pieces are for the determination of properties on as-gunned products prepared under either “standard conditions” (as required for quality assurance or product development) or “site conditions”. In the case of “site conditions”, the purpose of the testing is to establish the properties pertaining to a given installation or a given set of installation conditions. In this case, the panel can be obtained during the on-site installation. Parameters such as ambient temperature, gunning elevation, air pressure and curing conditions (temperature, orientation of the panel) applicable during the preparation of the panel are as near as possible to the respective parameters pertaining to the site installation. It is also possible to simulate certain “site conditions” by gunning panels off-site, for example, in a laboratory setting. This is acceptable under this document, by agreement between interested parties. This document does not apply to plastic gunning mixes and to those mixes that contain aggregates that are susceptible to hydration. This document does not apply to shotcrete type mixes, which are dealt with in ISO 18886.

Keel: en
Alusdokumendid: ISO 20182:2024; EN ISO 20182:2024
Asendab dokumenti: EVS-EN ISO 20182:2008

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 4892-1:2024

Plastics - Methods of exposure to laboratory light sources - Part 1: General guidance and requirements (ISO 4892-1:2024)

This document provides general guidance and requirements relevant to the selection and operation of the methods of exposure described in detail in subsequent parts of the ISO 4892 series. It also specifies general performance requirements for devices used for exposing plastics to laboratory light sources. Information regarding performance requirements is for producers of artificial accelerated weathering or artificial accelerated irradiation devices. This document also provides information on the interpretation of data from artificial accelerated weathering or artificial accelerated irradiation exposures. More specific information about methods for determining the change in the properties of plastics after exposure and reporting these results is not part of this document.

Keel: en
Alusdokumendid: ISO 4892-1:2024; EN ISO 4892-1:2024
Asendab dokumenti: EVS-EN ISO 4892-1:2016

EVS-EN ISO 4892-3:2024

Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps (ISO 4892-3:2024)

This document specifies methods for exposing plastic specimens to fluorescent UV lamp radiation, heat and water in apparatus designed to simulate the weathering effects that occur when plastic materials are exposed in actual end-use environments to global solar radiation, or to window-glass filtered solar radiation. Fluorescent UV lamp exposures for paints, varnishes and other coatings are described in ISO 16474-3.

Keel: en
Alusdokumendid: ISO 4892-3:2024; EN ISO 4892-3:2024
Asendab dokumenti: EVS-EN ISO 4892-3:2016

EVS-EN ISO 899-2:2024

Plastics - Determination of creep behaviour - Part 2: Flexural creep by three-point loading (ISO 899-2:2024)

This document specifies a method for determining the flexural creep of plastics in the form of standard test specimens under specified conditions such as those of pre-treatment, temperature and humidity. It is only applicable to a simple freely supported beam loaded at mid-span (three-point-loading test). The method is suitable for use with rigid and semi-rigid non-reinforced, filled and fibre-reinforced plastics materials (see ISO 472 for definitions) test specimens moulded directly or machined from sheets or moulded articles. NOTE The method can be unsuitable for certain fibre-reinforced materials due to differences in fibre orientation The method is intended to provide data for engineering-design, quality control, research and development purposes. The method might not be applicable for determining the flexural creep of rigid cellular plastics (attention is drawn in this respect to ISO 1209-1 and ISO 1209-2).

Keel: en
Alusdokumendid: ISO 899-2:2024; EN ISO 899-2:2024
Asendab dokumenti: EVS-EN ISO 899-2:2004
Asendab dokumenti: EVS-EN ISO 899-2:2004/A1:2015

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

CEN ISO/TR 20659-1:2024

Rheological test methods - Fundamentals and interlaboratory comparisons - Part 1: Determination of the yield point (ISO/TR 20659-1:2024)

This document gives information on an interlaboratory comparison for the determination of the yield point, using rheological test methods. The yield point is the shear stress τ below which a material does not flow. This document provides examples of fields of applications, in which important material properties are characterized with the aid of the yield point. These fields of application include: — effectiveness of rheological additives; — shelf life (e.g. with regard to sedimentation, separation and flocculation); — stability of the structure at rest; — behaviour when starting to pump; — use in scraper systems; — wet-film thickness; — levelling and sagging behaviour (e.g. without brushmarks or sag formation); — orientation of effect pigments.

Keel: en
Alusdokumendid: ISO/TR 20659-1:2024; CEN ISO/TR 20659-1:2024

CEN ISO/TR 20659-2:2024

Rheological test methods - Fundamentals and interlaboratory comparisons - Part 2: Determination of the time-dependent structural change (thixotropy) (ISO/TR 20659-2:2024)

This document gives information on an interlaboratory comparison for the determination of the time-dependent structural change (thixotropy) using rheological test methods. Thixotropy is the reversible, time-dependent decrease of shear viscosity η at a constant shear rate or shear stress τ. This document provides examples of fields of application, in which important material properties can be characterized by the thixotropy. These fields of application include: — effectiveness of rheological additives and thixotropic agents, respectively; — stability of the structure at rest (e.g. behaviour when starting to pump); — wet film

thickness after processing; — levelling and sagging behaviour (e.g. without brushmarks or sag formation); — orientation of effect pigments.

Keel: en
Alusdokumendid: ISO/TR 20659-2:2024; CEN ISO/TR 20659-2:2024

91 EHITUSMATERJALID JA EHITUS

CEN/TR 18114:2024

Bitumens and bituminous binders - Sustainability - Review on how to address environmental information

This document provides an overview of: - current requirements in the European Union and in individual European states to address sustainability in the field of construction works where bitumens and bituminous binders are used; - the requirements of the Construction Products Regulation (CPR) on environmental sustainability and analyses the implications for bitumens and bituminous binders; - existing horizontal standard EN 15804:2012+A2:2019 related to core rules for the product category of construction products and assesses if it can be used without any additional documents for bitumen and bituminous binders; - status of draft standards developed for specific complementary product category rules by CEN/TC 154, CEN/TC 227, CEN/TC 254 and any other relevant TCs, and assesses if these drafts could require any additional documents specific for bitumens and bituminous binders; - other relevant documents. This document is intended to provide support to CEN/TC 336 for assessing the need for any further standardization documents covering specific product category rules for bitumens and bituminous binders or for other standardization documents in the field of environmental sustainability of bituminous binders. This document covers bitumens and bituminous binders as described in EN 12597, including cut-back and fluxed bituminous binder, and bitumen emulsion, as used in construction works.

Keel: en
Alusdokumendid: CEN/TR 18114:2024

CEN/TS 1090-201:2024

Execution of steel structures and aluminium structures - Reuse of structural steel

This CEN/TS gives complementary provisions for the use of reclaimed structural components in the execution of steel structures in EXC1 to EXC3 according to EN 1090-2. The provisions apply to products used in structures to be designed according to EN 1993-1-1 without seismic and/or fatigue design. This CEN/TS specifies requirements for the reusability assessment of reclaimed structural components and the declaration of mechanical and geometrical properties as well as weldability. The properties to be declared are those listed as required relevant properties to be specified according to clause 5.1 of EN 1090-2: • strength (yield and tensile); • elongation; • tolerances on dimensions and shape; • heat treatment delivery conditions; • weldability. This CEN/TS applies to reclaimed hot rolled profiles and hot finished or cold formed hollow sections used as constituent products according to EN 1090-2. This CEN/TS can also be used for the assessment of the aforementioned properties of fabricated products. The recommendations for the assessment of connections however, and in particular of welds, is non exhaustive and only informative. This CEN/TS is not intended for thin gauge products according to EN 1090-4 or mechanical fasteners.

Keel: en
Alusdokumendid: CEN/TS 1090-201:2024

EVS-EN 12390-18:2021+A1:2024

Kivistunud betooni katsetamine. Osa 18: Kloriidi migratsiooniteguri määramine
Testing hardened concrete - Part 18: Determination of the chloride migration coefficient

This document specifies the procedure for obtaining the non-steady-state chloride migration coefficient of specimens of hardened concrete at a specified age (see Annex A). The test procedure does not take into account any interaction of concrete with the saline solution over time. The test result is a durability indicator with respect to the resistance of the concrete investigated against chloride penetration. The test procedure does not apply to concrete specimens with surface treatments such as silanes. If the aggregate or any other embedded elements (such as metallic fibres or conducting particles) are electrically conductive, this will influence the magnitude of chloride migration. This fact is taken into account when establishing threshold values. It prevents comparison of chloride migration values between concretes if the aggregates induce a difference of half an order of magnitude (higher or lower) of chloride migration.

Keel: en
Alusdokumendid: EN 12390-18:2021+A1:2024
Asendab dokumenti: EVS-EN 12390-18:2021

EVS-EN 12594:2024

Bituumen ja bituumensideained. Katseproovide ettevalmistamine
Bitumens and bituminous binders - Preparation of test samples

See dokument määratleb meetodid bituumenitest ja bituumensideainetest katseproovide ettevalmistamiseks nende omaduste katsetamise eesmärgil. HOIATUS! Selle dokumendi rakendusala võib hõlmata ohtlikke materjale, toiminguid ja seadmeid. Selle dokumendi eesmärk ei ole käsitleda kõiki selle dokumendi rakendamisega seotud ohutusprobleeme. Selle dokumendi kasutaja vastutab nõuetekohaste ohutus- ja tervishoiumeetmete rakendamise ning regulatiivpiirangute kasutamiseelse määratlemise eest juba enne dokumendi kasutamist.

Keel: en, et
Alusdokumendid: EN 12594:2024
Asendab dokumenti: EVS-EN 12594:2014

EVS-EN 1366-9:2024

Fire resistance tests for service installations - Part 9: Single compartment smoke extraction ducts

This part of EN 1366 specifies a test method for determining the fire resistance of smoke extraction ducts that are used for single compartment applications only. In such applications, the smoke extraction system is only intended to function up to flashover (typically 600 °C). This method of test is only suitable for ducts constructed from non-combustible materials (class A1 and A2-s1, d0 according to EN 13501-1). It is applicable only to four sided and circular ducts. One-, two- and three-sided ducts are not covered. This document is applicable only for the standard sizes or smaller as described. This test method of part 9 is applicable only to smoke extraction ducts that do not pass into other fire compartments. For smoke extraction ducts that pass into other compartments, the method of test described in EN 1366-8 is used. The smoke extraction duct is part of the smoke extraction system which also includes smoke control dampers and smoke extract fans.

Keel: en
Alusdokumendid: EN 1366-9:2024
Asendab dokumenti: EVS-EN 1366-9:2008

EVS-EN ISO 12572:2016/A1:2024

Hygrothermal performance of building materials and products - Determination of water vapour transmission properties - Cup method - Amendment 1 (ISO 12572:2016/Amd 1:2024)

Amendment to EN ISO 12572:2016

Keel: en
Alusdokumendid: ISO 12572:2016/Amd 1:2024; EN ISO 12572:2016/A1:2024
Muudab dokumenti: EVS-EN ISO 12572:2016

EVS-EN ISO 13428:2024

Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage (ISO 13428:2024)

This document describes an index test for the determination of the protection efficiency of a geosynthetic on a hard surface, exposed to the impact load of a hemispherical object. The index test measures the change in thickness of a thin lead plate lying between the geosynthetic and a rigid support. It is also used as a performance test, by using the real rigid surface to protect and the real sequence of geosynthetics. The test is applicable to all geosynthetics with apertures smaller than 15 mm (maximum size).

Keel: en
Alusdokumendid: ISO 13428:2024; EN ISO 13428:2024
Asendab dokumenti: EVS-EN ISO 13428:2005

93 RAJATISED

CEN/TR 14380:2024

Lighting applications - Tunnel lighting

This document describes the current practice in the design of the lighting of road tunnels and underpasses for motorized and mixed traffic. This concerns arrangements, levels and other parameters including daylight, which are related only to traffic safety. Aspects concerning visual comfort are generally chosen in agreement with national rules. The information in this report concerns any tunnel or underpass where the decision to provide lighting has been taken by any authority working within national legislation or other constraints. The design is based on photometric considerations, and all values of luminance or illuminance are maintained values. The main body of the report covers the common aspects of Tunnel Lighting, and the various methods currently used in Europe are detailed in the annexes. No single method is recommended.

Keel: en
Alusdokumendid: CEN/TR 14380:2024
Asendab dokumenti: CR 14380:2003

CEN/TS 17685-2:2024

Earthworks - Chemical tests - Part 2: Determination of organic matter content by potassium permanganate method

This document describes a method for the determination of the oxidizable organic matter content of a soil, which is mainly composed of fresh organic matter and fulvic and humic acids, by back titration with potassium permanganate. The result obtained with this technical specification is not comparable with those obtained by EN 17685-1:2023 (loss on ignition).

Keel: en
Alusdokumendid: CEN/TS 17685-2:2024

EVS-EN 14504:2024

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

This document specifies safety requirements for floating landing stages and floating bridges for use by passengers and crew. Requirements for facilities for supply and waste disposals are not covered by this document. This document is not applicable to: - floating landing stages for motor vehicle traffic; - floating landing stages for recreational craft and inland navigation craft that are not vessels, e.g. floating equipment; - more severe requirements for floating landing stages used for the transhipment of dangerous

goods; - any gangway required between vessel and floating landing stage; - specialized floating structures which are not used for passenger traffic or the berthing of vessels; - floating landing stages and bridges with equipment for cargo handling.

Keel: en
Alusdokumendid: EN 14504:2024
Asendab dokumenti: EVS-EN 14504:2019

EVS-EN 1794-1:2024

Road traffic noise reducing devices - Non-acoustic performance - Part 1: Methods of determination of the mechanical and stability characteristics

This document specifies criteria to categorize road traffic noise reducing devices according to basic mechanical characteristics under standard conditions of exposure, irrespective of the materials used. A range of conditions and optional requirements is provided in order to take into account the wide diversity of practice in Europe. Individual aspects of performance are covered separately in the annexes. Safety considerations in the event of damage to road noise reducing devices are covered in EN 1794-2. This document covers the current behaviour of the product. For the assessment of its long-term characteristics, EN 14389 is applicable. NOTE The test procedure described in Annex A does not consider the fatigue effect.

Keel: en
Alusdokumendid: EN 1794-1:2024
Asendab dokumenti: EVS-EN 1794-1:2018

EVS-EN 1794-2:2024

Road traffic noise reducing devices - Non-acoustic performance - Part 2: Methods of determination of the general safety and environmental characteristics

This document specifies methods and criteria for assessing the general safety and environmental performance of road traffic noise reducing devices under typical roadside conditions. Appropriate test methods are provided where these are necessary. The treatment of each topic is covered separately in Annexes A to F.

Keel: en
Alusdokumendid: EN 1794-2:2024
Asendab dokumenti: EVS-EN 1794-2:2020

97 OLME. MEELELAHUTUS. SPORT

CEN ISO/TR 8124-8:2024

Safety of toys - Part 8: Age determination - First age grade for the appropriate play of toys (ISO/TR 8124-8:2024)

This document provides an indication of the lowest age at which children start playing with toys in specific toy sub-categories. It is primarily directed to manufacturers and agencies that evaluate the compliance of toys with safety standards. This document can be used as a reference to determine the appropriateness of toys by earliest age, for use by distributors, institutions and organizations involved with child play, as well as by paediatric institutions, teachers, other professionals that use toys in their routine activities, and consumers. The age at which children develop different abilities is unique for each individual child. This document illustrates the age ranges during which a typical child has developed certain abilities. Although age grading has safety implications, this document is not intended to address specific safety requirements. Specific safety requirements for toys (e.g. restriction of the presence of small parts and small balls in toys intended for certain age groups, due to the choking hazard) can be found in the ISO 8124 series and in other regional toy safety standards and regulations.

Keel: en
Alusdokumendid: ISO/TR 8124-8:2024; CEN ISO/TR 8124-8:2024
Asendab dokumenti: CEN ISO/TR 8124-8:2016

CEN/TS 17876:2024

Child care articles - Tricycles - Safety requirements and test methods

This Technical Report specifies the safety requirements and test methods applicable for tricycle like vehicles providing a transportation function. When a product includes some combination of the below pushchair features this leads to consider a tricycle offers a transportation function - A minimum height of the backrest of 340 mm - (a high backrest for the child) - A harness for the child, bumper bar - Possibility to disengage child steering - Possibility to semi-recline or recline the child's seat - Padded seat - Reversible child's seat - Possibility is provided to affix bags, backpacks and other accessories, - Footrest NOTE: A learner tricycle, unlike a convertible tricycle stroller, has basic features such as a — (a) handle for parental control and assistance; (b) handlebar for use by the child tolearn to steer with the pedals disengaged; and (c) waist and crotch harness on a seathaving a low back support;

Keel: en
Alusdokumendid: CEN/TS 17876:2024

CEN/TS 18075:2024

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular economy and sustainability - Recommendations/guidelines for design

The aim of this document is to provide general recommendations and guidelines on how to design a product to optimize its reuse and recyclability at the end of its lifetime as well as to take into account sustainable sourcing of materials for all floor covering product groups covered by CEN/TC 134. The overall target is to avoid waste and pollution and to achieve a product fit for the

circular economy. In a linear economy, the focus of product design is on developing new products without considering the recycling or reuse of the raw materials used. This document provides guidance for processes allowing for (raw) materials used to be returned to the economic cycle based on circular design principles. The focus is on open systems that allow for economically interesting alternatives and are not limited to the principle of closed cycles (product to product). Specific attention is given to renewable materials, where applicable. The document is structured along the life cycle of the products, starting with the production phase. Excluded is packaging, which is not considered part of the product end-of-life stage.

Keel: en
Alusdokumendid: CEN/TS 18075:2024

EVS-EN 1269:2024

Textile floor coverings - Assessment of impregnations in needled floor coverings by means of a soiling test

This document specifies a method for the evaluation of impregnations or other treatments in needled floor coverings by means of a soiling test.

Keel: en
Alusdokumendid: EN 1269:2024
Asendab dokumenti: EVS-EN 1269:2019

EVS-EN 17109:2020+A1:2024

Mägironimisvarustus. Individuaalne julgestussüsteem köisradadele. Ohutusnõuded ja testimeetodid
Mountaineering equipment - Individual safety systems for rope courses - Safety requirements and test methods

This document specifies safety requirements and test methods for components of an individual safety system for protection against a fall from height used in permanent and mobile rope courses as defined in EN 15567-1. The products considered in this standard are not intended to limit, by themselves, the deceleration of the fall of the user, as defined in EN 15567-1. For this requirement, it is essential to consider the whole ropes course system. Safety lines and harness are not covered in this standard. 1 Modification to Clause 1, Scope 1. Replace "EN 15567-1" twice with "EN 15567-1:2015+A1:2020"; 2. Replace "standard" with "document" (twice in this clause).

Keel: en
Alusdokumendid: EN 17109:2020+A1:2024
Asendab dokumenti: EVS-EN 17109:2020

EVS-EN 60730-1:2016/A11:2024

Elektrilised automaatjuhtimisseadmed. Osa 1: Üldnõuded
Automatic electrical controls - Part 1: General requirements

Amendment to EN 60730-1:2016

Keel: en
Alusdokumendid: EN 60730-1:2016/A11:2024
Muudab dokumenti: EVS-EN 60730-1:2016
Muudab dokumenti: EVS-EN 60730-1:2016/A2:2022
Muudab dokumenti: EVS-EN 60730-1:2016+A1+A2:2022

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 5459:2011
Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems (ISO 5459:2011)

Keel: en
Alusdokumendid: ISO 5459:2011; EN ISO 5459:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 5459:2024
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 11334-4:2001
Walking aids manipulated by one arm - Requirements and test methods - Part 4: Walking sticks with three or more legs

Keel: en
Alusdokumendid: ISO 11334-4:1999; EN ISO 11334-4:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 11334-4:2024
Standardi staatus: Kehtetu

EVS-EN ISO 14356:2004
Dentistry - Duplicating material

Keel: en
Alusdokumendid: ISO 14356:2003; EN ISO 14356:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 14356:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18562-1:2020
Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 1: Evaluation and testing within a risk management process (ISO 18562-1:2017)

Keel: en
Alusdokumendid: ISO 18562-1:2017; EN ISO 18562-1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 18562-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18562-2:2020
Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 2: Tests for emissions of particulate matter (ISO 18562-2:2017)

Keel: en
Alusdokumendid: ISO 18562-2:2017; EN ISO 18562-2:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 18562-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18562-3:2020
Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 3: Tests for emissions of volatile organic compounds (VOCs) (ISO 18562-3:2017)

Keel: en
Alusdokumendid: ISO 18562-3:2017; EN ISO 18562-3:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 18562-3:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18562-4:2020
Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 4: Tests for leachables in condensate (ISO 18562-4:2017)

Keel: en
Alusdokumendid: ISO 18562-4:2017; EN ISO 18562-4:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 18562-4:2024
Standardi staatus: Kehtetu

EVS-EN ISO 25539-3:2011

Südame-veresoonkonna implantaadid. Soonesisesed seadmed. Osa 3: Õõnesveeni filter (ISO 25539-3:2011)
Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters (ISO 25539-3:2011)

Keel: en
Alusdokumendid: ISO 25539-3:2011; EN ISO 25539-3:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 25539-3:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TS 14071:2016

Environmental management - Life cycle assessment - Critical review processes and reviewer competencies: Additional requirements and guidelines to ISO 14044:2006 (ISO/TS 14071:2014)

Keel: en
Alusdokumendid: ISO/TS 14071:2014; CEN ISO/TS 14071:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 14071:2024
Standardi staatus: Kehtetu

EVS-EN 1366-8:2004

Fire resistance tests for service installations - Part 8: Smoke extraction ducts

Keel: en
Alusdokumendid: EN 1366-8:2004
Asendatud järgmise dokumendiga: EVS-EN 1366-8:2024
Standardi staatus: Kehtetu

EVS-EN 1366-9:2008

Fire resistance tests for service installations - Part 9: Single compartment smoke extraction ducts

Keel: en
Alusdokumendid: EN 1366-9:2008
Asendatud järgmise dokumendiga: EVS-EN 1366-9:2024
Standardi staatus: Kehtetu

EVS-EN ISO 13428:2005

Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage

Keel: en
Alusdokumendid: ISO 13428:2005; EN ISO 13428:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 13428:2024
Standardi staatus: Kehtetu

EVS-EN ISO 13997:2023

Protective clothing - Mechanical properties - Determination of resistance to cutting by sharp objects (ISO 13997:2023)

Keel: en
Alusdokumendid: EN ISO 13997:2023; ISO 13997:2023
Asendatud järgmise dokumendiga: EVS-EN ISO 13997:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16852:2016

Leegitõkestid. Toimivusnõuded, katsemeetodid ja kasutuspiirangud
Flame arresters - Performance requirements, test methods and limits for use (ISO 16852:2016)

Keel: en
Alusdokumendid: ISO 16852:2016; EN ISO 16852:2016
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 80079-49:2024
Standardi staatus: Kehtetu

EVS-EN ISO 9241-920:2016

Ergonomics of human-system interaction - Part 920: Guidance on tactile and haptic interactions (ISO 9241-920:2009)

Keel: en
Alusdokumendid: ISO 9241-920:2009; EN ISO 9241-920:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 9241-920:2024
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 61869-1:2009
Mõõtetrafod. Osa 1: Üldnõuded
Instrument transformers -- Part 1: General requirements

Keel: en
Alusdokumendid: IEC 61869-1:2007; EN 61869-1:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61869-1:2024
Standardi staatus: Kehtetu

EVS-EN 61869-6:2016
Instrument transformers - Part 6: Additional general requirements for low-power instrument transformers

Keel: en
Alusdokumendid: IEC 61869-6:2016; EN 61869-6:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 61869-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 5459:2011
Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems (ISO 5459:2011)

Keel: en
Alusdokumendid: ISO 5459:2011; EN ISO 5459:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 5459:2024
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN ISO 15708-1:2019
Non-destructive testing - Radiation methods for computed tomography - Part 1: Terminology (ISO 15708-1:2017)

Keel: en
Alusdokumendid: ISO 15708-1:2017; EN ISO 15708-1:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 15708-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16810:2014
Non-destructive testing - Ultrasonic testing - General principles (ISO 16810:2012)

Keel: en
Alusdokumendid: ISO 16810:2012; EN ISO 16810:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 16810:2024
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TR 14585-2:2006
Corrugated metal hose assemblies for pressure applications - Part 2: Guidance on the use of conformity assessment procedures

Keel: en
Alusdokumendid: CEN/TR 14585-2:2006
Asendatud järgmise dokumendiga: EVS-EN 14585:2024
Standardi staatus: Kehtetu

CEN/TR 14585-3:2017
Corrugated metal hose assemblies for pressure applications - Part 3: Design method

Keel: en
Alusdokumendid: CEN/TR 14585-3:2017
Asendatud järgmise dokumendiga: EVS-EN 14585:2024
Standardi staatus: Kehtetu

EVS-EN 13480-5:2017/A1:2019

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

Keel: en
Alusdokumendid: EN 13480-5:2017/A1:2019
Asendatud järgmise dokumendiga: EVS-EN 13480-5:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-5:2017+A1:2019
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-5:2017+A1+A2:2021
Standardi staatus: Kehtetu

EVS-EN 13480-5:2017+A1:2019

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

Keel: en, et
Alusdokumendid: EN 13480-5:2017 V02
Asendatud järgmise dokumendiga: EVS-EN 13480-5:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-5:2017+A1+A2:2021
Muudetud järgmise dokumendiga: EVS-EN 13480-5:2017+A1:2019/A2:2021
Standardi staatus: Kehtetu

EVS-EN 13480-5:2017+A1:2019/A2:2021

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

Keel: en, et
Alusdokumendid: EN 13480-5:2017/A2:2021
Asendatud järgmise dokumendiga: EVS-EN 13480-5:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-5:2017+A1+A2:2021
Standardi staatus: Kehtetu

EVS-EN 13480-5:2017+A1+A2:2021

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

Keel: en, et
Alusdokumendid: EN 13480-5:2017; EN 13480-5:2017/A1:2019; EN 13480-5:2017/A2:2021
Asendatud järgmise dokumendiga: EVS-EN 13480-5:2024
Standardi staatus: Kehtetu

EVS-EN 14585-1:2006

Profileeritud terasest voolikud survesüsteemidele. Osa 1: Nõuded
Corrugated metal hose assemblies for pressure applications - Part 1: Requirements

Keel: en
Alusdokumendid: EN 14585-1:2006
Asendatud järgmise dokumendiga: EVS-EN 14585:2024
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 544:2017

Keevitusmaterjal. Tehnilised tarnetingimused lisamaterjalidele ja räbustitele. Toote tüübid, mõõtmed, tolerantsid ja markeeringud
Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings (ISO 544:2017)

Keel: en, et
Alusdokumendid: ISO 544:2017; EN ISO 544:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 544:2024
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 61362:2012

Guide to specification of hydraulic turbine governing systems

Keel: en
Alusdokumendid: IEC 61362:2012; EN 61362:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 61362:2024

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50546:2020

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud
Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

Keel: en
Alusdokumendid: EN 50546:2020
Asendatud järgmise dokumendiga: EVS-EN 50546:2024
Parandatud järgmise dokumendiga: EVS-EN 50546:2020/AC:2021
Standardi staatus: Kehtetu

EVS-EN 50546:2020/AC:2021

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud
Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

Keel: en
Alusdokumendid: EN 50546:2020/AC:2021-09
Asendatud järgmise dokumendiga: EVS-EN 50546:2024
Standardi staatus: Kehtetu

EVS-EN 60127-1:2006

Väikesulavkaitsmed. Osa 1: Väikesulavkaitsmete määratlused ja üldnõuded väikesulavpanustele
Miniature fuses Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links

Keel: en
Alusdokumendid: IEC 60127-1:2006; EN 60127-1:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60127-1:2024
Muudetud järgmise dokumendiga: EVS-EN 60127-1:2006/A1:2011
Muudetud järgmise dokumendiga: EVS-EN 60127-1:2006/A2:2015
Standardi staatus: Kehtetu

EVS-EN 60127-1:2006/A1:2011

Väikesulavkaitsmed. Osa 1: Väikesulavkaitsmete määratlused ja üldnõuded väikesulavpanustele
Miniature fuses - Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links

Keel: en
Alusdokumendid: IEC 60127-1:2006/A1:2011; EN 60127-1:2006/A1:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60127-1:2024
Standardi staatus: Kehtetu

EVS-EN 60127-1:2006/A2:2015

Väikesulavkaitsmed. Osa 1: Väikesulavkaitsmete määratlused ja üldnõuded väikesulavpanustele
Miniature fuses - Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links

Keel: en
Alusdokumendid: IEC 60127-1:2006/A2:2015; EN 60127-1:2006/A2:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60127-1:2024
Standardi staatus: Kehtetu

EVS-EN 60127-6:2014

Väikesulavkaitsmed. Osa 6: Kaitsmepesad väikestele padrunsulavpanustele
Miniature fuses - Part 6: Fuse-holders for miniature fuse-links

Keel: en
Alusdokumendid: EN 60127-6:2014; IEC 60127-6:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60127-6:2024
Standardi staatus: Kehtetu

EVS-EN 60317-0-3:2008

Specifications for particular types of winding wires -- Part 0-3: General requirements - Enamelled round aluminum wire

Keel: en
Alusdokumendid: IEC 60317-0-3:2008; EN 60317-0-3:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 60317-0-3:2024
Muudetud järgmise dokumendiga: EVS-EN 60317-0-3:2008/A1:2013
Muudetud järgmise dokumendiga: EVS-EN 60317-0-3:2008/A2:2019
Standardi staatus: Kehtetu

EVS-EN 60317-0-3:2008/A1:2013

Specifications for particular types of winding wires -- Part 0-3: General requirements - Enamelled round aluminium wire

Keel: en
Alusdokumendid: IEC 60317-0-3:2008/A1:2013; EN 60317-0-3:2008/A1:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60317-0-3:2024
Standardi staatus: Kehtetu

EVS-EN 60317-0-3:2008/A2:2019

Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire

Keel: en
Alusdokumendid: IEC 60317-0-3:2008/A2:2019; EN 60317-0-3:2008/A2:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60317-0-3:2024
Standardi staatus: Kehtetu

EVS-EN 62752:2016

Kaabliga ühitatud juhtimis- ja kaitseseadis elektriliste teesõidukite laadimiseks mooduses 2 In-Cable Control and Protection Device for mode 2 charging of electric road vehicles (IC-CPD)

Keel: en
Alusdokumendid: IEC 62752:2016; EN 62752:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 62752:2024
Muudetud järgmise dokumendiga: EVS-EN 62752:2016/A1:2020
Parandatud järgmise dokumendiga: EVS-EN 62752:2016/AC:2019
Standardi staatus: Kehtetu

EVS-EN 62752:2016/A1:2020

Kaabliga ühitatud juhtimis- ja kaitseseadis elektriliste teesõidukite laadimiseks mooduses 2 In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)

Keel: en
Alusdokumendid: IEC 62752:2016/A1:2018; EN 62752:2016/A1:2020
Asendatud järgmise dokumendiga: EVS-EN IEC 62752:2024
Standardi staatus: Kehtetu

EVS-EN 62752:2016/AC:2019

Kaabliga ühitatud juhtimis- ja kaitseseadis elektriliste teesõidukite laadimiseks mooduses 2 In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPDs)

Keel: en
Alusdokumendid: IEC 62752:2016/COR1:2019; EN 62752:2016/AC:2019-03
Asendatud järgmise dokumendiga: EVS-EN IEC 62752:2024
Standardi staatus: Kehtetu

EVS-EN IEC 63356-2:2022

LED light source characteristics - Part 2: Design parameters and values

Keel: en
Alusdokumendid: IEC 63356-2:2022; EN IEC 63356-2:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 63356-2:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN ISO 9241-920:2016
Ergonomics of human-system interaction - Part 920: Guidance on tactile and haptic interactions (ISO 9241-920:2009)

Keel: en
Alusdokumendid: ISO 9241-920:2009; EN ISO 9241-920:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-920:2024
Standardi staatus: Kehtetu

EVS-ISO/IEC 25010:2011
Süsteemi- ja tarkvaratehnika. Süsteemide ja tarkvara kvaliteedinõuded ja kvaliteedi hindamine. Süsteemide ja tarkvara kvaliteedimudelid
Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - System and software quality models

Keel: en, et
Alusdokumendid: ISO/IEC 25010:2011
Asendatud järgmise dokumendiga: EVS-ISO/IEC 25010:2024
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15227:2020
Raudteealased rakendused. Raudteeveeremi kere purunemiskindluse nõuded
Railway applications - Crashworthiness requirements for rail vehicles

Keel: en, et
Alusdokumendid: EN 15227:2020
Asendatud järgmise dokumendiga: EVS-EN 15227:2020+A1:2024
Standardi staatus: Kehtetu

EVS-EN 15313:2016
Raudteealased rakendused. Käitusnõuded kasutuses rattapaaridele. Kasutuses ja veeremilt eemaldatud rattapaaride hooldamine
Railway applications - In-service wheelset operation requirements - In-service and off-vehicle wheelset maintenance

Keel: en
Alusdokumendid: EN 15313:2016
Asendatud järgmise dokumendiga: EVS-EN 15313:2024
Standardi staatus: Kehtetu

EVS-EN 15839:2012+A1:2015
Raudteealased rakendused. Raudteeveeremi sõiduomaduste heakskiidukatsetused. Kaubavagunid. Sõiduohutuse katsed pikisuunalise survejõu mõju puhul
Railway applications - Testing for the acceptance of running characteristics of railway vehicles - Freight wagons - Testing of running safety under longitudinal compressive forces

Keel: en
Alusdokumendid: EN 15839:2012+A1:2015
Asendatud järgmise dokumendiga: EVS-EN 15839:2024
Standardi staatus: Kehtetu

EVS-EN 50343:2014
Raudteealased rakendused. Veerem. Elektrikaablite paigaldusreeglid
Railway applications - Rolling stock - Rules for installation of cabling

Keel: en
Alusdokumendid: EN 50343:2014
Asendatud järgmise dokumendiga: EVS-EN 50343:2024
Muudetud järgmise dokumendiga: EVS-EN 50343:2014/A1:2017
Standardi staatus: Kehtetu

EVS-EN 50343:2014/A1:2017
Railway applications - Rolling stock - Rules for installation of cabling

Keel: en
Alusdokumendid: EN 50343:2014/A1:2017

Asendatud järgmise dokumendiga: EVS-EN 50343:2024
Standardi staatus: Kehtetu

EVS-EN 50546:2020

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud
Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

Keel: en
Alusdokumendid: EN 50546:2020
Asendatud järgmise dokumendiga: EVS-EN 50546:2024
Parandatud järgmise dokumendiga: EVS-EN 50546:2020/AC:2021
Standardi staatus: Kehtetu

EVS-EN 50546:2020/AC:2021

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud
Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

Keel: en
Alusdokumendid: EN 50546:2020/AC:2021-09
Asendatud järgmise dokumendiga: EVS-EN 50546:2024
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN 711:2016

Inland navigation vessels - Railings for decks and side decks - Requirements, designs and types

Keel: en
Alusdokumendid: EN 711:2016
Asendatud järgmise dokumendiga: EVS-EN 711:2024
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-4:2014

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 4: Reisijasillad
Aircraft ground support equipment - Specific requirements - Part 4: Passenger boarding bridges

Keel: en
Alusdokumendid: EN 12312-4:2014
Asendatud järgmise dokumendiga: EVS-EN 12312-4:2024
Standardi staatus: Kehtetu

EVS-EN 2588:2006

Lennunduse ja kosmonautika seeria. Koostepesadega korrosioonikindlast terasest siledad liigendliugelaagrid. Mõõtmed ja koormused
Aerospace series - Bearings, spherical plain in corrosion resisting steel with assembly slots - Dimensions and loads

Keel: en
Alusdokumendid: EN 2588:2006
Asendatud järgmise dokumendiga: EVS-EN 2588:2024
Standardi staatus: Kehtetu

EVS-EN 4165-024:2017

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 024: Single module plug - Product standard

Keel: en
Alusdokumendid: EN 4165-024:2017
Asendatud järgmise dokumendiga: EVS-EN 4165-024:2024
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN ISO 13428:2005
Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage

Keel: en
Alusdokumendid: ISO 13428:2005; EN ISO 13428:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 13428:2024
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 10319:2015
Geosynthetics - Wide-width tensile test (ISO 10319:2015)

Keel: en
Alusdokumendid: ISO 10319:2015; EN ISO 10319:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 10319:2024
Standardi staatus: Kehtetu

EVS-EN ISO 13428:2005
Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage

Keel: en
Alusdokumendid: ISO 13428:2005; EN ISO 13428:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 13428:2024
Standardi staatus: Kehtetu

73 MÄENDUS JA MAAVARAD

EVS-EN 14983:2007
Plahvatuse vältimine ja kaitse allamaakaevanduses. Seadmed ja kaitsesüsteemid kaevandusgaasidest põhjustatud kahjustuste puhuks
Explosion prevention and protection in underground mines - Equipment and protective systems for firedamp drainage

Keel: en
Alusdokumendid: EN 14983:2007
Asendatud järgmise dokumendiga: EVS-EN 14983:2024
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12594:2014
Bitumen and bituminous binders - Preparation of test samples

Keel: en
Alusdokumendid: EN 12594:2014
Asendatud järgmise dokumendiga: EVS-EN 12594:2024
Standardi staatus: Kehtetu

EVS-EN 16709:2015+A1:2018
Automotive fuels - High FAME diesel fuel (B20 and B30) - Requirements and test methods

Keel: en
Alusdokumendid: EN 16709:2015+A1:2018
Asendatud järgmise dokumendiga: EVS-EN 16709:2024
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10277:2018
Bright steel products - Technical delivery conditions

Keel: en
Alusdokumendid: EN 10277:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 683-7:2024
Standardi staatus: Kehtetu

EVS-EN 12163:2016
Copper and copper alloys - Rod for general purposes

Keel: en
Alusdokumendid: EN 12163:2016
Asendatud järgmise dokumendiga: EVS-EN 12163:2024
Standardi staatus: Kehtetu

EVS-EN 12164:2016
Copper and copper alloys - Rod for free machining purposes

Keel: en
Alusdokumendid: EN 12164:2016
Asendatud järgmise dokumendiga: EVS-EN 12164:2024
Standardi staatus: Kehtetu

EVS-EN 12165:2016
Copper and copper alloys - Wrought and unwrought forging stock

Keel: en
Alusdokumendid: EN 12165:2016
Asendatud järgmise dokumendiga: EVS-EN 12165:2024
Standardi staatus: Kehtetu

EVS-EN 12166:2016
Copper and copper alloys - Wire for general purposes

Keel: en
Alusdokumendid: EN 12166:2016
Asendatud järgmise dokumendiga: EVS-EN 12166:2024
Standardi staatus: Kehtetu

EVS-EN 12167:2016
Copper and copper alloys - Profiles and bars for general purposes

Keel: en
Alusdokumendid: EN 12167:2016
Asendatud järgmise dokumendiga: EVS-EN 12167:2024
Standardi staatus: Kehtetu

EVS-EN 12168:2016
Copper and copper alloys - Hollow rod for free machining purposes

Keel: en
Alusdokumendid: EN 12168:2016
Asendatud järgmise dokumendiga: EVS-EN 12168:2024
Standardi staatus: Kehtetu

EVS-EN 12420:2014
Vask ja vasesulamid. Sepised
Copper and copper alloys - Forgings

Keel: en
Alusdokumendid: EN 12420:2014
Asendatud järgmise dokumendiga: EVS-EN 12420:2024
Standardi staatus: Kehtetu

EVS-EN 1982:2017
Copper and copper alloys - Ingots and castings

Keel: en
Alusdokumendid: EN 1982:2017
Asendatud järgmise dokumendiga: EVS-EN 1982:2024
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 20182:2008
Refractory test piece preparation - Gunning refractory panels by the pneumatic-nozzle mixing type guns

Keel: en
Alusdokumendid: ISO 20182:2008; EN ISO 20182:2008

Asendatud järgmise dokumendiga: EVS-EN ISO 20182:2024
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 4892-1:2016
Plastics - Methods of exposure to laboratory light sources - Part 1: General guidance (ISO 4892-1:2016)

Keel: en
Alusdokumendid: ISO 4892-1:2016; EN ISO 4892-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 4892-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 4892-3:2016
Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps (ISO 4892-3:2016)

Keel: en
Alusdokumendid: ISO 4892-3:2016; EN ISO 4892-3:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 4892-3:2024
Standardi staatus: Kehtetu

EVS-EN ISO 899-2:2004
Plastics - Determination of creep behaviour - Part 2: Flexural creep by three-point loading

Keel: en
Alusdokumendid: ISO 899-2:2003; EN ISO 899-2:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 899-2:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 899-2:2004/A1:2015
Standardi staatus: Kehtetu

EVS-EN ISO 899-2:2004/A1:2015
Plastics - Determination of creep behaviour - Part 2: Flexural creep by three-point loading - Amendment 1 (ISO 899-2:2003/Amd 1:2015)

Keel: en
Alusdokumendid: ISO 899-2:2003/Amd 1:2015; EN ISO 899-2:2003/A1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 899-2:2024
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12390-18:2021
Kivistunud betooni katsetamine. Osa 18: Kloriidi migratsiooniteguri määramine
Testing hardened concrete - Part 18: Determination of the chloride migration coefficient

Keel: en, et
Alusdokumendid: EN 12390-18:2021
Asendatud järgmise dokumendiga: EVS-EN 12390-18:2021+A1:2024
Standardi staatus: Kehtetu

EVS-EN 12594:2014
Bitumen and bituminous binders - Preparation of test samples

Keel: en
Alusdokumendid: EN 12594:2014
Asendatud järgmise dokumendiga: EVS-EN 12594:2024
Standardi staatus: Kehtetu

93 RAJATISED

CR 14380:2003
Lighting applications - Tunnel lighting

Keel: en
Alusdokumendid: CR 14380:2003
Asendatud järgmise dokumendiga: CEN/TR 14380:2024
Standardi staatus: Kehtetu

EVS-EN 14504:2019

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

Keel: en
Alusdokumendid: EN 14504:2019
Asendatud järgmise dokumendiga: EVS-EN 14504:2024
Standardi staatus: Kehtetu

EVS-EN 1794-1:2018

Road traffic noise reducing devices - Non-acoustic performance - Part 1: Mechanical performance and stability requirements (Corrected version 12.2018)

Keel: en
Alusdokumendid: EN 1794-1:2018+AC:2018
Asendatud järgmise dokumendiga: EVS-EN 1794-1:2024
Standardi staatus: Kehtetu

EVS-EN 1794-2:2020

Road traffic noise reducing devices - Non-acoustic performance - Part 2: General safety and environmental requirements

Keel: en
Alusdokumendid: EN 1794-2:2020
Asendatud järgmise dokumendiga: EVS-EN 1794-2:2024
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

CEN ISO/TR 8124-8:2016

Mänguasjade ohutus. Osa 8: Vanuse kindlaksmääramise suunised
Safety of toys - Part 8: Age determination guidelines (ISO/TR 8124-8:2016)

Keel: en, et
Alusdokumendid: ISO/TR 8124-8:2016; CEN ISO/TR 8124-8:2016
Asendatud järgmise dokumendiga: CEN ISO/TR 8124-8:2024
Standardi staatus: Kehtetu

EVS-EN 1269:2019

Textile floor coverings - Assessment of impregnations in needled floor coverings by means of a soiling test

Keel: en
Alusdokumendid: EN 1269:2019
Asendatud järgmise dokumendiga: EVS-EN 1269:2024
Standardi staatus: Kehtetu

EVS-EN 17109:2020

Mägironimisvarustus. Individuaalne julgestussüsteem köisradadele. Ohutusnõuded ja testimeetodid
Mountaineering equipment - Individual safety systems for rope courses - Safety requirements and test methods

Keel: en
Alusdokumendid: EN 17109:2020
Asendatud järgmise dokumendiga: EVS-EN 17109:2020+A1:2024
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 huvitatuil 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 arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:
• tähis;
• pealkiri;
• käsitlusala;
• keel (en = inglise; et = eesti);
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
• asendusseos, selle olemasolul;
• arvamuste esitamise tähtaeg.

Kavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: 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.

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

prEN ISO 17007

Conformity assessment - Guidance for drafting normative documents suitable for use for conformity assessment (ISO/IEC DIS 17007:2024)

This document provides principles and guidance for developing normative documents that contain: specified requirements for objects of conformity assessment to fulfil; specified requirements for conformity assessment systems that can be employed when demonstrating whether an object of conformity assessment fulfils specified requirements. This document is intended for use by standards developers not applying the ISO/IEC Directives, industry associations and consortia, purchasers, regulators, consumers and non-government groups, accreditation bodies, conformity assessment bodies, conformity assessment scheme owners, and other interested parties, such as insurance organizations.

Keel: en
Alusdokumendid: ISO/IEC DIS 17007; prEN ISO 17007

Arvamusküsitluse lõppkuupäev: 30.12.2024

11 TERVISEHOOLDUS

prEN ISO 18704

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for urine and other body fluids - Isolated cell free DNA (ISO/DIS 18704:2024)

This document specifies requirements and provides recommendations for the pre-examination phase of cell free DNA (cfDNA) from body fluid specimens other than blood, including but not limited to the collection, handling, storage, transport, processing and documentation of human body fluids, such as urine, cerebrospinal fluid (CSF), pleural effusions and saliva, intended for cfDNA examination. Processing includes multiple steps, such as centrifugation for specimen cleaning and isolation of cfDNA. This document is applicable to molecular in vitro diagnostic examinations performed by medical laboratories. It is also intended to be used by health institutions including facilities collecting and handling specimen, laboratory customers, in vitro diagnostics developers and manufacturers, biobanks, institutions and commercial organizations performing biomedical research, and regulatory authorities. Dedicated measures that need to be taken for cytohistological analysis of body fluid derived nucleated cells are not described in this document. Neither are measures for preserving and handling of pathogens, and other bacterial or whole microbiome DNA in body fluids described. Different dedicated measures need to be taken for preserving circulating cell free DNA (ccfDNA) from blood. These are not described in this document, but are covered in ISO 20186-3. NOTE International, national or regional regulations or requirements can also apply to specific topics covered in this document.

Keel: en
Alusdokumendid: ISO/DIS 18704; prEN ISO 18704
Asendab dokumenti: CEN/TS 17811:2022

Arvamusküsitluse lõppkuupäev: 30.12.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 18111
Cash desk - Safety

This document specifies the security requirements for the design of checkout furniture in self-service stores, regardless of the size of the store. Safety requirements apply to both the operator and the public. This document applies to all types of checkout furniture equipped with electrically powered conveyor(s). It does not deal with computer equipment related to cash register furniture. This document covers all significant hazardous phenomena, situations or events, with the exception of..., which are relevant to cash registers when used normally and when they are subject to reasonably foreseeable misuse by the manufacturer. (Risks covered: mechanical, electrical (excluding IT, including controls), electromagnetic compatibility (EMC), ergonomics (refer to standard NF X 35-701 which must evolve into a European standard), hygiene (food contact, REACH, materials, cleaning products), recyclability, fire, noise).

Keel: en
Alusdokumendid: prEN 18111

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 62676-4:2024
Video surveillance systems for use in security applications - Part 4: Application guidelines

This part of IEC 62676 gives recommendations and requirements for the, planning, design, installation, testing, commissioning, and maintaining of Video Surveillance Systems (VSS) comprising of image capture device(s), interconnection(s) and image handling device(s), for use in security applications within private or public spaces. The objectives of this part of IEC 62676 are to: b) provide a framework to assist all interested parties in establishing their requirements, c) assist specifiers and users in determining the appropriate equipment required for a given application, d) provide means of evaluating objectively the performance of the VSS.

Keel: en
Alusdokumendid: 79/713/CDV; prEN IEC 62676-4:2024
Asendab dokumenti: EVS-EN 62676-4:2015

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 62933-4-3:2024
Electrical energy storage(EES) systems - Part 4-3: The protection requirements of BESS according to the environmental conditions

This part of IEC 62933 applies to the effects of the environmental conditions on Battery Energy Storage Systems (BESS). This document addresses these effects and identifies causes, chain of events and final effects on the BESS. Based on those effects, preventative or mitigating measures are described. Typical environmental effects on the BESS include, but are not limited to, the effects of lightning, seismic activities, water, air, flora, fauna, and humans. The described measures focus as a guideline on the entire BESS including all power and communication connections and its Point of Connections (POCs). The scope of this document is limited to BESS specific requirements and operating conditions. Specific design or safety requirements of individual BESS subsystems are excluded from this document

Keel: en
Alusdokumendid: 120/385/CDV; prEN IEC 62933-4-3:2024

Arvamusküsitluse lõppkuupäev: 30.12.2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 19581
Measurement of radioactivity - Gamma emitting radionuclides - Rapid screening method using scintillation detector gamma-ray spectrometry (ISO/DIS 19581:2024)

ISO 19581 specifies a screening test method to quantify rapidly the activity concentration of gamma-emitting radionuclides, such as 131I, 132Te, 134Cs and 137Cs, in solid or liquid test samples using gamma-ray spectrometry with lower resolution scintillation detectors as compared with the HPGe detectors (see IEC 61563). This test method can be used for the measurement of any potentially contaminated environmental matrices (including soil), food and feed samples as well as industrial materials or products that have been properly conditioned. Sample preparation techniques used in the screening method are not specified in ISO 19581, since special sample preparation techniques other than simple machining (cutting, grinding, etc.) should not be required. Although the sampling procedure is of utmost importance in the case of the measurement of radioactivity in samples, it is out of scope of ISO 19581; other international standards for sampling procedures that can be used in combination with ISO 19581 are available (see References [1],[2],[3],[4],[5],[6]). The test method applies to the measurement of gamma-emitting radionuclides such as 131I, 134Cs and 137Cs. Using sample sizes of 0,5 l to 1,0 l in a Marinelli beaker and a counting time of 5 min to 20 min, decision threshold of 10 Bq·kg−1 can be achievable using a commercially available scintillation spectrometer [e.g. thallium activated sodium iodine (NaI(Tl)) spectrometer 2" ϕ × 2" detector size, 7 % resolution (FWHM) at 662 keV, 30 mm lead shield thickness]. This test method also can be performed in a "makeshift" laboratory or even outside a testing laboratory on samples directly measured in the field where they were collected. During a nuclear or radiological emergency, this test method enables a rapid measurement of the sample activity concentration of potentially contaminated samples to check against operational intervention levels (OILs) set up by decision makers that would trigger a predetermined emergency response to reduce existing radiation risks[12]. Due to the uncertainty associated with the results obtained with this test method, test samples requiring more accurate test results can be measured using high-purity germanium (HPGe) detectors gamma-ray spectrometry in a testing laboratory,

following appropriate preparation of the test samples[7][8]. ISO 19581 does not contain criteria to establish the activity concentration of OILs.

Keel: en
Alusdokumendid: ISO/DIS 19581; prEN ISO 19581
Asendab dokumenti: EVS-EN ISO 19581:2020

Arvamusküsitluse lõppkuupäev: 30.12.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 853
Rubber hoses and hose assemblies - Wire braid reinforced hydraulic type - Specification

This document specifies requirements for four types of wire braid reinforced hoses and hose assemblies of nominal bore from 5 to 76: Types 1SN, 2SN, 1ST and 2ST. They are suitable for use with: - hydraulic fluids in accordance with ISO 6743 4 with the exception of HFD R, HFD S and HFD T at temperatures ranging from −40 °C to +100 °C; - water based fluids at temperatures ranging from −40 °C to +70 °C; - water at temperatures ranging from 0 °C to +70 °C. The hoses are not suitable for use with castor oil based and ester-based fluids. This document does not include requirements for end fittings. It is limited to the performance of hoses and hose assemblies. NOTE Requirements for hydraulic hoses for underground mining are covered in other documents.

Keel: en
Alusdokumendid: prEN 853
Asendab dokumenti: EVS-EN 853:2015

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 854
Rubber hoses and hose assemblies - Textile reinforced hydraulic type - Specification

This document specifies requirements for three types of textile reinforced rubber hoses and hose assemblies of nominal bore from 5 to 100. The types are defined in Clause 4. They are suitable for use with: - hydraulic fluids in accordance with ISO 6743-4 with the exception of HRD R, HFD S and HFD at temperatures ranging from −40 °C to 100 °C; - water-based fluids at temperatures ranging from −40 °C to +70 °C; - water at temperature ranging from 0 °C to +70 °C. The hoses are not suitable for use with castor oil based and ester-based fluids. The document does not include requirements for end fittings. It is limited to the performance of hoses and hose assemblies. NOTE Requirements for hydraulic hoses for underground mining are covered in other documents.

Keel: en
Alusdokumendid: prEN 854
Asendab dokumenti: EVS-EN 854:2015

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 856
Rubber hoses and hose assemblies - Rubber-covered spiral wire reinforced hydraulic type - Specification

This document specifies requirements for four types of rubber-covered spiral wire reinforced hydraulic hoses and hose assemblies of nominal bore from 6 to 51: Types 4SP, 4SH, R13 and R15. They are suitable for use with: - hydraulic fluids covered in ISO 6743-4 with the exception of HFD R, HFD S and HFD T at temperatures ranging from −40 °C to +100 °C for types 4SP and 4SH and −40 °C to +120 °C for types R13 and R15; - water based fluids at temperatures ranging from −40 °C to 70 °C; - water fluids at temperatures ranging from 0 °C to 70 °C. The hoses are not suitable for use with castor oil based nor ester-based fluids. This document does not include requirements for end fittings. It is limited to the performance of hoses and hose assemblies. NOTE Requirements for hydraulic hoses for underground mining are covered in a different document.

Keel: en
Alusdokumendid: prEN 856
Asendab dokumenti: EVS-EN 856:2015
Asendab dokumenti: EVS-EN 856:2015+AC

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 857
Rubber hoses and hose assemblies - Wire braid reinforced compact type for hydraulic applications - Specification

This document specifies requirements for two types of wire braid reinforced compact hoses and hose assemblies of nominal bore from 6 to 76, types 1SC and 2SC. They are suitable for use with: - hydraulic fluids in accordance with ISO 6743-4 with the exception of HFD R, HFD S and HFD T at temperatures ranging from −40 °C to +100 °C; - water based fluids at temperatures ranging from −40 °C to +70 °C; - water at temperatures ranging from 0 °C to +70 °C. The hoses are not suitable for use with castor oil based nor phosphoric ester-based fluids. This document does not include requirements for end fittings. It is limited to the performance of hoses and hose assemblies. NOTE Requirements for hydraulic hoses for underground mining are covered in other documents.

Keel: en
Alusdokumendid: prEN 857
Asendab dokumenti: EVS-EN 857:2015

Arvamusküsitluse lõppkuupäev: 30.12.2024

25 TOOTMISTEHNOLOOGIA

prEN ISO 11125-5

Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 5: Determination of percentage defective particles and of microstructure (ISO/DIS 11125-5:2024)

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

Keel: en
Alusdokumendid: ISO/DIS 11125-5; prEN ISO 11125-5
Asendab dokumenti: EVS-EN ISO 11125-5:2018

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN ISO 11126-1

Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 1: General introduction and classification (ISO/DIS 11126-1:2024)

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

Keel: en
Alusdokumendid: ISO/DIS 11126-1; prEN ISO 11126-1
Asendab dokumenti: EVS-EN ISO 11126-1:2018

Arvamusküsitluse lõppkuupäev: 30.12.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN IEC 61400-40:2024

Wind energy generation systems - Part 40: Electromagnetic compatibility (EMC) - Requirements and test methods

This part of IEC 61400 provides the EMC requirements and test methods that apply to the individual wind turbine and all the sub systems which are part of the wind turbine. The current document applies to measurements on individual wind turbines and not multiple wind turbines. This standard defines the requirements and test methods for the verification of the wind turbine performance against radiated emissions and the immunity of their components against conducted and radiated phenomena.

Keel: en
Alusdokumendid: 88/1045/CDV; prEN IEC 61400-40:2024
Asendab dokumenti: EVS-EN 61400-4:2013

Arvamusküsitluse lõppkuupäev: 30.12.2024

29 ELEKTROTEHNIKA

EN IEC 63129:2020/prA1:2024

Amendment 1 - Determination of inrush current characteristics of lighting products

Amendment to EN IEC 63129:2020

Keel: en
Alusdokumendid: 34/1235/CDV; EN IEC 63129:2020/prA1:2024
Muudab dokumenti: EVS-EN IEC 63129:2020

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 50483-1

Test requirements for low voltage aerial bundled cable accessories - Part 1: Generalities

The EN 50483 series applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage U0/U (Um): 0,6/1 (1,2) kV. The purpose of this Part 1 is to define the common aspects of the products included in the above scope.

Keel: en
Alusdokumendid: prEN 50483-1
Asendab dokumenti: EVS-EN 50483-1:2009

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 50483-2

Test requirements for low voltage aerial bundled cable accessories - Part 2: Tension and suspension clamps, fittings and brackets for self supporting system

EN 50483 series applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage U0/U (Um): 0,6/1 (1,2) kV. This Part 2 applies to tensioning devices consisting of tension and suspension clamps, fittings and brackets designed to be used for installation of self supporting ABC defined in HD 626. Tests described in this document are type tests.

Keel: en
Alusdokumendid: prEN 50483-2
Asendab dokumenti: EVS-EN 50483-2:2009

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 50483-3

Test requirements for low voltage aerial bundled cable accessories - Part 3: Tension and suspension clamps for neutral messenger system

EN 50483 series applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage U0/U (Um): 0,6/1 (1,2) kV. This Part 3 applies to tensioning devices consisting of tension and suspension clamps, and tension and suspension assemblies used for the installation of ABC with either insulated or bare neutral messenger. The tension and suspension clamps are designed to be installed on neutral conductors of ABC defined in HD 626. Tests described in this document are type tests.

Keel: en
Alusdokumendid: prEN 50483-3
Asendab dokumenti: EVS-EN 50483-3:2009

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 50483-4

Test requirements for low voltage aerial bundled cable accessories - Part 4: Connectors

EN 50483 series applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage U0/U (Um): 0,6/1 (1,2) kV. This Part 4 applies to connectors used for the electrical connection of ABC. The connectors are designed to be installed where either the main and/or branch cable is ABC as defined by HD 626. Tests described in this document are type tests.

Keel: en
Alusdokumendid: prEN 50483-4
Asendab dokumenti: EVS-EN 50483-4:2009

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 50483-5

Test requirements for low voltage aerial bundled cable accessories - Part 5: Electrical ageing test

EN 50483 series applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage U0/U (Um): 0,6/1 (1,2) kV. This Part 5 applies to the connections described in prEN 50483 4, including branch connectors, Insulation Piercing Connectors (IPC), pre-insulated lugs (terminals) and through pre-insulated connectors (sleeves). Two classes of connectors are covered by this document: - Class A: These are connectors intended for electricity distribution or industrial networks in which they can be subjected to short-circuits of relatively high intensity and duration. As a consequence, Class A connectors will be suitable for the majority of applications. - Class B: These are connectors for networks in which overloads or short-circuits are rapidly cleared by the operation of protection devices. Depending on their application, the connectors are subjected to heat cycles and short-circuit current tests. Class A: the connectors are subjected to heat cycles and short-circuit current tests. Class B: the connectors are subjected to heat cycles only. The object of this Part 5 is to define the heating cycles test methods and requirements which apply to compression through connectors, insulation piercing connectors and all other type of connections for low voltage aerial bundled cables.

Keel: en
Alusdokumendid: prEN 50483-5
Asendab dokumenti: EVS-EN 50483-5:2009

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 50483-6

Test requirements for low voltage aerial bundled cable accessories - Part 6: Environmental testing

EN 50483 series applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage U0/U (Um): 0,6/1 (1,2) kV. This Part 6 defines the environmental tests in particular the climatic and corrosion ageing tests. The objective of these tests is to predict the behaviour of ABC accessories when subjected to sun radiation, to weather conditions (humidity, spraying water, heat, cold) and pollution. EN 50483 1, EN 50483 2, EN 50483 3 and EN 50483 4 specify which type tests included in this part of the standard are needed.

Keel: en
Alusdokumendid: prEN 50483-6
Asendab dokumenti: EVS-EN 50483-6:2009

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 60127-4:2024

Miniature fuses - Part 4: Universal modular fuse-links (UMF) - Through-hole and surface mount types

This part of IEC 60127 relates to universal modular fuse-links (UMF) for printed circuits and other substrate systems, used for the protection of electric appliances, electronic equipment, and component parts thereof, normally intended to be used indoors. It does not apply to fuse-links for appliances intended to be used under special conditions, such as in a corrosive or explosive atmosphere. These fuses are normally intended to be mounted or replaced only by appropriately skilled persons using specialized equipment. This standard applies in addition to the requirements of IEC 60127-1. The objectives of this part of IEC 60127 are as given in IEC 60127-1, with the additional requirement of a degree of non-interchangeability.

Keel: en
Alusdokumendid: 32C/646/CDV; prEN IEC 60127-4:2024
Asendab dokumenti: EVS-EN 60127-4:2005
Asendab dokumenti: EVS-EN 60127-4:2005/A1:2009
Asendab dokumenti: EVS-EN 60127-4:2005/A2:2013

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 60127-7:2024

Miniature fuses - Part 7: Miniature fuse-links for special applications

This part of IEC 60127 covers requirements for miniature fuse-links for special applications. This part of IEC 60127 is applicable to fuse-links with a rated voltage not exceeding 1 000 V, a rated current not exceeding 125 A and a rated breaking capacity not exceeding 50 kA. Note：Nominal currents above 20A are intended for protection of low power electric devices at low voltage and not for energy distribution. It does not apply to fuses completely covered by the subsequent parts of IEC 60269-1. It does not apply to miniature fuse-links for appliances intended to be used under special conditions, such as in corrosive or explosive atmospheres. This part of IEC 60127 applies in addition to the requirements of IEC 60127-1. Miniature fuse-links for special applications are not intended to be replaced by the end-user of an electrical / electronic appliance. The object of this part of IEC 60127 is to establish uniform test methods for miniature fuse-links for special applications, so as to allow verification of the values (for example melting time and breaking capacity values) specified by the manufacturer.

Keel: en
Alusdokumendid: 32C/647/CDV; prEN IEC 60127-7:2024
Asendab dokumenti: EVS-EN 60127-7:2016

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 60598-2-1:2024

Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires

This part of IEC 60598 specifies requirements for fixed general purpose luminaires for use with electric light sources on supply voltages not exceeding 1 000 V.

Keel: en
Alusdokumendid: 34D/1743/CDV; prEN IEC 60598-2-1:2024
Asendab dokumenti: EVS-EN IEC 60598-2-1:2021

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 60598-2-2:2024

Luminaires - Part 2-2: Particular requirements - Recessed luminaires and recessed air-handling luminaires

This part of IEC 60598 specifies requirements for recessed luminaires and recessed air-handling luminaires for use within ventilation ducts or ventilated spaces. These luminaires are for use with electric light sources and with supply voltages up to 1 000 V. NOTE The expressions "ventilation" and "ventilated" in this document refer to forced ventilation.

Keel: en
Alusdokumendid: 34D/1744/CDV; prEN IEC 60598-2-2:2024
Asendab dokumenti: EVS-EN IEC 60598-2-2:2024

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 60598-2-24:2024

Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures

This part of the IEC 60598 series specifies requirements for luminaires for which limited surface temperatures are provided to counteract risks from combustible dusts (conductive or non-conductive) or ignition of materials that can be deposited on luminaires. The luminaires are for use with electric light sources on supply voltages not exceeding 1 000 V. Note: The risk of thermal effects (combustion or degradation caused by the luminaire) to the mounting surface is covered in Part 1 for all types of luminaires. This document specifically excludes requirements for luminaires for use in explosive gas atmospheres and explosive dust atmospheres.

Keel: en
Alusdokumendid: 34D/1745/CDV; prEN IEC 60598-2-24:2024
Asendab dokumenti: EVS-EN 60598-2-24:2013

Arvamusküsitluse lõppkuupäev: 30.12.2024

31 ELEKTROONIKA

prEN IEC 60115-8:2024

Fixed resistors for use in electronic equipment - Part 8: Sectional specification - Fixed surface mount resistors

This part of IEC 60115 is applicable to fixed surface mount resistors for use in electronic equipment. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. These resistors have metallized terminations and are primarily intended to be mounted directly onto a circuit board. The object of this document is to specify preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor. Since the documents of the 60115-X series are exempted from the parallel procedure (D162/C089), this New Work Item Proposal aims to endorse the main IEC document IEC 60115-8:2023 as a European standard. The standard shall be published together with the finalised Common Modifications.

Keel: en
Alusdokumendid: prEN IEC 60115-8:2024; IEC 60115-8:2023
Asendab dokumenti: EVS-EN 60115-8:2012

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 60115-8:2024/prAA:2024

Fixed resistors for use in electronic equipment - Part 8: Sectional specification - Fixed surface mount resistors

This part of IEC 60115 is applicable to fixed surface mount resistors for use in electronic equipment. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. These resistors have metallized terminations and are primarily intended to be mounted directly onto a circuit board. The object of this document is to specify preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor

Keel: en
Alusdokumendid: prEN IEC 60115-8:2024/prAA:2024
Muudab dokumenti: prEN IEC 60115-8:2024

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 61076-2:2024

Connectors for electronic equipment - Product requirements - Part 2: Sectional specification for circular connectors

This part of IEC 61076 establishes uniform specifications and technical information for circular connectors. It should be used in conjunction with the generic specification IEC 61076-1 for product requirements and with IEC 62197-1 for quality assessment requirements as the basis for preparation of consistent detail product specifications for circular connectors. NOTE1 The quality assessment requirements for connectors according to the IEC 61076 series are detailed in IEC 62197-1. In the event of conflict between this sectional product specification and the detail product specification, it is intended that the requirements of the detail product specification prevail.

Keel: en
Alusdokumendid: 48B/3119/CDV; prEN IEC 61076-2:2024
Asendab dokumenti: EVS-EN 61076-2:2011

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 61076-2-104:2024

Connectors for electronic equipment - Product requirements - Part 2-104: Circular connectors - Detail specification for circular connectors with m8 screw-locking or snap-locking

This part of IEC 61076 describes circular connectors M8 screw-locking or with nominal 8 mm snap-locking, for connection of automation devices with signal and power up to 50 V AC / 60 V DC rated voltage and up to 4 A rated current. These connectors consist of fixed and free connectors either rewirable or non-rewirable. Male connectors have round contacts ø 0,48 mm, ø 0,6 mm, ø 0,7 mm and ø 1,0 mm according to the number of ways and coding, all contacts with the same size. The different codings prevent the mating of differently coded male and female connectors. NOTE 1 M8 is the dimension of the thread of the screw locking mechanism of these circular connectors. NOTE 2 These connectors are typically used for connecting industrial automation devices for process measurement and control.

Keel: en
Alusdokumendid: 48B/3121/CDV; prEN IEC 61076-2-104:2024
Asendab dokumenti: EVS-EN 61076-2-104:2014

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 61249-2-52:2024

Materials for printed boards and other interconnecting structures - Part 2-52: Reinforced base materials clad and unclad - Thermosetting hydrocarbon resin system, woven e-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad

This part of IEC 61249 gives requirements for properties of Thermosetting hydrocarbon resin system, woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad in thicknesses of 0,05 mm up to 3,20 mm.

Keel: en
Alusdokumendid: 91/1977/CDV; prEN IEC 61249-2-52:2024

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 61249-2-53:2024

Materials for printed boards and other interconnecting structures - Part 2-53: Reinforced base materials clad and unclad - PTFE unfilled laminate sheets of defined flammability (vertical burning test), copper-clad

This part of IEC 61249 specifies requirements for properties of PTFE unfilled reinforced laminated sheet of a thickness 0,05 mm up to 10,0 mm, of defined flammability (vertical burning test), copper-clad. This part of IEC 61249 is applicable to the design, manufacture, use of PTFE unfilled reinforced laminated sheet of defined flammability (vertical burning test), copper-clad. Its flame resistance is defined in terms of the flammability requirements of 8.3.

Keel: en
Alusdokumendid: 91/1978/CDV; prEN IEC 61249-2-53:2024

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 63002:2024

Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices

This document defines common charging interoperability guidelines for power sources (external power supplies (EPSs) and other Sources) used with computing and consumer electronics devices that implement IEC 62680-1-3 (USB Type-C Cable and Connector Specification). This document defines normative requirements for an EPS to ensure interoperability; in particular, it specifies the data communicated from a power source to a device (Figure 1) and certain safety elements of the EPS, cable, and device. While the requirements focus of this document is on the EPS and the behaviour at its USB Type-C connector interface, it is also important to comprehend cable assembly and device capabilities and behaviours in order to assure end-to-end charging interoperability. This document does not apply to all design aspects of an EPS. This document does not specify regulatory compliance requirements for aspects such as product safety, EMC, or energy efficiency.

Keel: en
Alusdokumendid: 100/4193/CDV; prEN IEC 63002:2024
Asendab dokumenti: EVS-EN IEC 63002:2021

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 63287-3:2024

Semiconductor devices - Generic semiconductor qualification guidelines - Part 3: Guidelines for reliability qualification plans for power semiconductor module

This part of the IEC 63287 provides guidelines for a reliability qualification plan for power semiconductor modules to assure reliability targets over the entire product life. Here, the term power semiconductor module refers to multichip semiconductor power modules as defined below in 3.3. Power semiconductor modules with incorporated control circuits are excluded. Clamped packages that need external pressure for being mounted in a system are excluded, e.g. disc-type pressure pack devices. This document is not intended for medical, military, aeronautics and astronautics-related applications.

Keel: en
Alusdokumendid: prEN IEC 63287-3:2024; 47/2873/CDV

Arvamusküsitluse lõppkuupäev: 30.12.2024

35 INFOTEHNOLOOGIA

prEN 50600-3-1:2024

Information technology - Data centre facilities and infrastructures - Part 3-1: Management and operational information

This document specifies processes for the management and operation of data centres. The primary focus of this document is the processes necessary to deliver the expected level of resilience, availability, risk management, risk mitigation, capacity planning, security and resource and energy efficiency. The secondary focus is on organization and data centre management to align the actual and future demands. Only processes specific for data centres are in the scope of this document. Business processes like people management, financial management, etc. are out of scope.

Keel: en
Alusdokumendid: prEN 50600-3-1:2024
Asendab dokumenti: EVS-EN 50600-3-1:2016

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN IEC 63002:2024

Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices

This document defines common charging interoperability guidelines for power sources (external power supplies (EPSs) and other Sources) used with computing and consumer electronics devices that implement IEC 62680-1-3 (USB Type-C Cable and Connector Specification). This document defines normative requirements for an EPS to ensure interoperability; in particular, it specifies the data communicated from a power source to a device (Figure 1) and certain safety elements of the EPS, cable, and device. While the requirements focus of this document is on the EPS and the behaviour at its USB Type-C connector interface, it is also important to comprehend cable assembly and device capabilities and behaviours in order to assure end-to-end charging interoperability. This document does not apply to all design aspects of an EPS. This document does not specify regulatory compliance requirements for aspects such as product safety, EMC, or energy efficiency.

Keel: en
Alusdokumendid: 100/4193/CDV; prEN IEC 63002:2024
Asendab dokumenti: EVS-EN IEC 63002:2021

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEVS-ISO/IEC/IEEE 15289

Süsteemi- ja tarkvaratehnika. Elutsükli infoüksuste (dokumentatsiooni) sisu
Systems and software engineering -- Content of life-cycle information items (documentation) (ISO/IEC/IEEE 15289:2019, identical)

See standard spetsifitseerib süsteemide ja tarkvara elutsükli kõigi piiritletud infoüksuste ning infotehnoloogiliste teenuste halduseks vajalike infoüksuste (dokumentatsiooni) otstarbe ja sisu. Infoüksuste sisu määratletakse vastavalt üldistuslikele dokumenditüüpidele, mis on esitatud jaotises 7, ja dokumendi konkreetsele otstarbele (jaotises 10). Dokument eeldab, et organisatsioon sooritab ise elutsükli protsesse või tarnib tarkvara- või süsteemiarendusteenuseid ning rakendab neis tegevustes üht või mõlemat standardit: — ISO/IEC/IEEE 12207:2017, tarkvara elutsükli protsessid; — ISO/IEC/IEEE 15288:2015, süsteemi elutsükli protsessid. Standardid ISO/IEC/IEEE 12207:2017 ja ISO/IEC/IEEE 15288:2015 küll määratlevad teabehalduse protessi, kuid “ei täpsusta infoüksusi nende nimetuse, vormingu, ilmutatud sisu ega talletuskandja mõttes” (vaba tõlge standardi ISO/IEC/IEEE 12207:2017 jaotisest 1.4). Need standardid piiritlevad teatud kogumi dokumendiüksusi ning soovitavad või nõuavad neid. See dokument esitab vastenduse viidatud standardite protsesside ning infoüksuste komplekti vahel. Ta esitab järjekindla lähenemisviisi info- ja dokumenteerimisnõuete täitmiseks süsteemi- ja tarkvaratehnikas ning teenusehalduse tehnostusel. Dokumendis määratletud üldistuslikke dokumenditüüpe kasutatakse sellise teabe tuvastamiseks, mida vajatakse standardites ISO/IEC/IEEE 12207:2017 ja ISO/IEC/IEEE 15288:2015 nõutud protsesside toetamiseks. Üldistuslikud dokumenditüübid (mida saab käsitleda kui infoüksuste tüüpe) on kasutusel protsesside toeks vajatava teabe tuvastamisel. Mistahes elutsükliprotsessi või teenuse puhul peaks olema võimalik poliitikate, kava, protseduuride ja aruannete, samuti arvukate andmike, päringute, kirjelduste ja spetsifikatsioonide koostamine. Dokumentatsiooniskeemi selline väljatöötus oleks isegi rangem standardeis ISO/IEC/IEEE 12207:2017 ja ISO/IEC/IEEE 15288:2015 nõutavast. Standardi ISO/IEC/IEEE 15288:2015 jaotis 1.4 rõhutab, et “Selle dokumendi kasutajate ülesanne on valida projektile elutsüklimudeli valiku ning vastendada selle dokumendi protsessid, tegevused ja tööd mudeliga. Pooltel lasub vastutus projektiga sobivate asjakohaste metoodikate, meetodite, mudelite ja tehnikate valiku ja rakendamise osas.” Seega ühendatakse või tükeldatakse infoühikud elutsüklimudeliga sobivaks lähtudes projekti või organisatsiooni eesmärkidest, nagu on määratletud allpool jaotistes 4 ja 5. See dokument ei ole haldussüsteemi standard. Ta ei kehtesta teenusehalduse, kvaliteedihalduse ega varahalduse süsteeme. Standardi käsitlusalasse ei kuulu: a) soovitatavate lähteandmete või lähte-infoüksuste vorming ja sisu, välja arvatud selliste lähteüksuste sisu, mis ühtlasi on tulem-infoüksused; b) juhised loomult sarnaste infoüksuste või nende sisu ühendamiseks või tükeldamiseks; c) juhised andmehoidlatesse, sisuhalduse ja elektroonilise kirjastamise süsteemidesse sobiva esitusvormingu, väljastuskandja ega hooldustehnoloogia väljavalimiseks süsteemide ja tarkvara elutsükliandmetele, andmikele ning infoüksustele ja dokumentatsioonile. MÄRKUS: Nõuded sisuhalduse ja komponentide sisuhalduse süsteemidele esitab standard ISO/IEC/IEEE 26531. Standard ISO/IEC 26514 annab juhised kasutajadokumentatsiooni (kasutajale mõeldud teabe) vormingute kohta. d) äritegevuse, organisatsiooni ja rahanduse üldise haldusega seotud infoüksuste detailne sisu, mis pole süsteemi- ja tarkvaratehnikale ega infotehnoloogia teenusehaldusele spetsiifiline, näiteks äristrateegiad, teavitused lepingumuudatustest, inimressursi- ja investeerimispoliitikad, personalivaliku kriteeriumid, eelarvestuse ja raamatupidamise poliitikad ja protseduurid, kuluaruanded või palgaarvestuse andmed; e) infoüksused, mis tõendavad ainult mingi ühe sätte järgmist standardeist ISO/IEC/IEEE 12207:2017 või ISO/IEC/IEEE 15288:2015, näiteks standardi ISO/IEC/IEEE 12207:2017 sätte 6.4.10.3 c) 3) järgimist; f) ükski standardi ISO/IEC/IEEE 15288:2015 või ISO/IEC/IEEE 12207:2017 säte, mis otseselt või kaudselt määraks teabe jäädvustamist protsessi, tegevuse või töö kohta, näiteks ISO/IEC/IEEE 12207:2017, 6.2.4.3 c); g) töösaadused, mudelid, tarkvara ning muud elutsükli saaduste ja teenuste tehised, mis pole infoüksused ega infoüksustes kasutatavad andmikud.

Keel: en
Alusdokumendid: ISO/IEC/IEEE 15289:2019
Asendab dokumenti: EVS-ISO/IEC/IEEE 15289:2013

Arvamusküsitluse lõppkuupäev: 30.12.2024

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 3475-603

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 603: Resistance to wet arc tracking

This document specifies a method of assessing the behaviour of cable insulation subject to an electric arc initiated and maintained by contaminating fluid along the surface of the insulation. This document is intended to be used together with EN 3475-100. The

primary aim of this test is: - to produce, in a controlled fashion, continuous failure effects, which are representative of those, which can occur in service when a typical cable bundle is damaged and subjected to aqueous fluid contamination. Electrical arcing occurs along the surface of the insulation between damage sites on adjacent cables; - to examine the aptitude of the insulation to track, to propagate electric arc to the electrical origin. Originally defined for 115 VAC network, this test also proposes conditions for 230 VAC network. However, for 230 VAC test condition only, the test EN 3475-605 can overrule and be applied as test governance as it has been demonstrated that test EN 3475-605 is more stringent, repeatable and reproductible. Unless otherwise specified in the product standard, only 115 VAC conditions are satisfied. Six levels of prospective fault current have been specified for concerned cable sizes (see Clause 8). It is agreed that sizes larger than 051 need not be assessed since the short-circuit phenomenon becomes dominant at low line impedances. Unless otherwise specified in the technical/product standard, sizes 002, 006 and 020 cable are assessed.

Keel: en
Alusdokumendid: prEN 3475-603
Asendab dokumenti: EVS-EN 3475-603:2018

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 3475-604

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 604: Resistance to dry arc propagation

This document specifies a method for appraising the behaviour of cable insulation when an electric arc is initiated and maintained by two (2) powered cables rubbing against a blade. This document is intended to be used together with EN 3475-100. The primary aim of this test is: - to produce, in a controlled fashion, continuous failure effects, which are representative of those, which can occur in service when a typical cable bundle is damaged by abrasion such that electrical arcing occurs, both between the cables and conductive structure; and - to examine the aptitude of the insulation to track, to propagate electric arc to the electrical origin. Originally defined for 115 VAC network, this test also proposes conditions for 230 VAC network. However, for 230 VAC test condition only, the test EN 3475-605 can overrule and be applied as test governance as it has been demonstrated that test EN 3475-605 is more stringent, repeatable and reproductible. Unless otherwise specified in the product standard, only 115 VAC conditions are satisfied. Six levels of prospective fault current have been specified for concerned cable sizes (see Clause 8). It is agreed that larger sizes need not be assessed since the short-circuit phenomenon becomes dominant at low line impedances. Unless otherwise specified in the technical/product standard, sizes 002, 006 and 020 cable are assessed.

Keel: en
Alusdokumendid: prEN 3475-604
Asendab dokumenti: EVS-EN 3475-604:2018

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 3475-605

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 605: Wet short-circuit test

This document specifies a method for appraising the behaviour of cable insulation subjected to an electric arc initiated and maintained by a contaminating fluid. This document is intended to be used together with EN 3475-100. The primary aim of this test is: - to produce, in a controlled fashion, continuous failure effects, which are representative of those, which can occur in service when a typical cable bundle is damaged and subjected to aqueous fluid contamination such that electrical arcing occurs between cables; and - to examine the aptitude of the insulation to track, to propagate electric arc to the electrical origin. Originally defined for 115 VAC network, this test also proposes conditions for 230 VAC network. However, for 230 VAC test condition only, the test EN 3475-605 can overrule and be applied as test governance as it has been demonstrated that test EN 3475-605 is more stringent, repeatable and reproductible compared to EN 3475-604 and EN 3475-603. Six levels of prospective fault current have been specified for concerned cable sizes (see Clause 8). It is agreed that larger sizes need not be assessed since the short-circuit phenomenon becomes dominant at low line impedances. Unless otherwise specified in the technical/product standard, sizes 002, 006 and 020 cable are assessed.

Keel: en
Alusdokumendid: prEN 3475-605
Asendab dokumenti: EVS-EN 3475-605:2018

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 4509

Aerospace series - Screw, 100° countersunk normal head, offset cruciform recess, threaded to head, in titanium alloy, anodized, with aluminium pigmented coating, metric series - Classification: 1 100 MPa (at ambient temperature)/315 °C

This document specifies the characteristics of screws, 100° countersunk normal head, offset cruciform recess, threaded to head, in titanium alloy, anodized, with aluminium pigmented coating, metric series. Classification: 1 100 MPa /315 °C .

Keel: en
Alusdokumendid: prEN 4509
Asendab dokumenti: EVS-EN 4509:2006

Arvamusküsitluse lõppkuupäev: 30.12.2024

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 280-1
Mobile elevating work platforms - Part 1: Design calculations - Stability criteria - Construction - Safety - Examinations and tests

This document specifies safety requirements and measures for all types and sizes of Mobile Elevating Work Platform (MEWP, see 3.1) intended to move persons to working positions where they are carrying out work from the work platform (WP) with the intention that persons are getting on and off the work platform only at access positions at ground level or on the chassis.

Keel: en
Alusdokumendid: prEN 280-1
Asendab dokumenti: EVS-EN 280-1:2022

Arvamusküsitluse lõppkuupäev: 30.12.2024

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

prEVS-ISO 1496-4
**1. seeria veokonteinerid. Andmed ja katsetamine. Osa 4: Survestamata konteinerid puistlastile
Series 1 freight containers - Specification and testing - Part 4: Non-pressurized containers for dry bulk**

Selles dokumendis määratletakse tehnilised nõuded ja katsenõuded rõhusüsteemita puistlastkonteinerite 1. seeria konteineritele, mis sobivad rahvusvaheliseks kaubavahetuseks ning maantee-, raudtee- ja meretranspordiks, sealhulgas vastastikuseks vahetuseks nende transpordiliikide vahel. Kuna kuivade puisteveoste tihedus ja voolavusomadused erinevad suuresti, ei eeldata, et selle dokumendi nõuetele vastavad konteinerid sobivad kõigi selliste lastide vedamiseks. Seega on selles dokumendis sätestatud nõuded miinimumnõuded, kui ei ole teisiti määratletud. Selle dokumendiga hõlmatu konteineritüübid on toodud tabelis 1. See dokument ei kehti BK3 tüüpi painduvate mahtkonteinerite puhul.

Keel: en
Alusdokumendid: ISO 1496-4:2023
Asendab dokumenti: EVS-ISO 1496-4:2003
Asendab dokumenti: EVS-ISO 1496-4:2003/A1:2003

Arvamusküsitluse lõppkuupäev: 30.12.2024

71 KEEMILINE TEHNOLOOGIA

prEN 14056-1
Laboratory furniture - Recommendations for design and installation - Part 1: General

This document is applicable to biology, chemistry and physics laboratories where research, preparative, analytical, process activities take place and which can involve work with hazardous substances, including higher education (college and university teaching and post-graduate research). This document does not cover the requirements of schools, i.e. pre college/pre-university (refer to EN 13150), or highly specialist laboratories which need very specific, bespoke solutions to enable them to function. This document specifies requirements for installation and design of laboratory benches, associated storage units, and for the provision and connection of services integral or delivered to the laboratory benches. This document gives guidelines for all parties involved in the planning, design, manufacture, installation, testing of a new laboratory or in the refurbishment of an existing laboratory. For safety storage cabinets for flammable liquids EN 14470-1 and for pressurized gas cylinders EN 14470-2 applies.

Keel: en
Alusdokumendid: prEN 14056-1
Asendab dokumenti: EVS-EN 14056:2003

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 15154-1
Emergency safety showers - Part 1: Plumbed-in body showers for laboratories

This document is a product specification, giving performance requirements for emergency safety body showers connected to the water supply. It is applicable to plumbed-in body showers only, located in laboratory facilities. Requirements are given in respect of the performance, installation, adjustment and marking of the showers as well as installation, operation and maintenance instructions to be given by the manufacturer. NOTE Attention is drawn to national regulations which might apply in respect of the installation and use of emergency safety showers.

Keel: en
Alusdokumendid: prEN 15154-1
Asendab dokumenti: EVS-EN 15154-1:2006

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 15154-2
Emergency safety showers - Part 2: Plumbed-in eye-wash units

This document is a product specification, giving performance requirements for emergency safety eye-wash units connected to the water supply. It is applicable to plumbed-in eye-wash units only. Requirements are given in respect of the performance, installation,

adjustment and marking of the eye-wash units, as well as installation, operation and maintenance instructions to be given by the manufacturer. NOTE Attention is drawn to national regulations which can apply in respect of the installation and use of eye-wash units.

Keel: en
Alusdokumendid: prEN 15154-2
Asendab dokumenti: EVS-EN 15154-2:2006

Arvamusküsitluse lõppkuupäev: 30.12.2024

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 1761
Rubber hoses and hose assemblies for fuel truck delivery - Specification

This document specifies the requirements for two types of rubber hoses and rubber hose assemblies for loading and discharge of liquid hydrocarbon fuels with a maximum working pressure of 10 bar (1,0 MPa). Both types of hose are designed for: a) use with hydrocarbon fuels, having an aromatic hydrocarbon content not exceeding 50 % by volume and containing oxygenated compounds up to 15 %; b) operation within the temperature range of −30 °C to +70 °C, undamaged by climatic conditions of −50 °C to 70 °C when stored in static conditions. This document is not applicable to hoses and hose assemblies for LPG, aviation fuel systems, fuel station systems and marine applications.

Keel: en
Alusdokumendid: prEN 1761
Asendab dokumenti: EVS-EN 1761:2001

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN ISO 17507-1
Natural gas - Calculation of methane number of gaseous fuels for reciprocating internal combustion engines - Part 1: MNc method (ISO/DIS 17507-1:2024)

Part 1 of ISO 17507 describes the calculation method for the methane number of a gaseous fuel according to the methodology first proposed Deutz (“Klöckner-Humboldt-Deutz AG”) and later amended by MWM (“Motoren-Werke Mannheim AG”).

Keel: en
Alusdokumendid: ISO/DIS 17507-1; prEN ISO 17507-1

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN ISO 17507-2
Natural gas - Calculation of methane number of gaseous fuels for reciprocating internal combustion engines - Part 2: PKI method (ISO/DIS 17507-2:2024)

Part 2 of ISO 17507 describes the calculation method for the methane number of a gaseous fuel according to the methodology developed by DNV in a consortium with leading engine OEMs and fuel gas suppliers.

Keel: en
Alusdokumendid: ISO/DIS 17507-2; prEN ISO 17507-2

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN ISO 18708
Solid recovered fuels - Determination of bulk density (ISO/DIS 18708:2024)

This international standard defines a method of determining bulk density of solid recovered fuels by the use of a standard measuring container.

Keel: en
Alusdokumendid: ISO/DIS 18708; prEN ISO 18708
Asendab dokumenti: CEN/TS 15401:2010

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN ISO 19901-7
Oil and gas industries including lower carbon energy - Specific requirements for offshore structures - Part 7: Station-keeping systems for floating offshore structures and mobile offshore units (ISO/DIS 19901-7:2024)

ISO 19901-7:2013 specifies methodologies for - the design, analysis and evaluation of stationkeeping systems for floating structures used by the oil and gas industries to support production, storage, drilling, well intervention and production, production and storage, drilling, well intervention, production and storage, and - the assessment of stationkeeping systems for site-specific applications of mobile offshore units (e.g. mobile offshore drilling units, construction units, and pipelay units). ISO 19901-7:2013 is applicable to the following types of stationkeeping systems, which are either covered directly in ISO 19901-7:2013 or through reference to other guidelines: - spread moorings (catenary, taut-line and semi-taut-line moorings); - single point moorings, anchored by spread mooring arrangements; - dynamic positioning systems; - thruster-assisted moorings. Descriptions of the characteristics and of typical components of these systems are given in an informative annex. The requirements of ISO 19901-7:2013 mainly address spread mooring systems and single point mooring systems with mooring lines composed of steel chain and wire rope. ISO 19901-7:2013 also provides guidance on the application of the methodology to synthetic fibre rope mooring

systems, and includes additional requirements related to the unique properties of synthetic fibre ropes. ISO 19901-7:2013 is applicable to single anchor leg moorings (SALMs) and other single point mooring systems (e.g. tower soft yoke systems) only to the extent to which the requirements are relevant. ISO 19901-7:2013 is not applicable to the vertical moorings of tension leg platforms (TLPs).

Keel: en
Alusdokumendid: ISO/DIS 19901-7; prEN ISO 19901-7
Asendab dokumenti: EVS-EN ISO 19901-7:2013

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN ISO 21660-2

Solid recovered fuels - Determination of moisture content using the oven dry method - Part 2: Determination of total moisture by a simplified method (ISO/DIS 21660-2:2024)

This Document specifies a method for the determination of total moisture content of solid recovered fuels (SRF) by drying a sample in an oven. This method is suitable for use for routine production control on site, e.g. if a high precision of the determination of moisture content is not required. It is applicable to all solid recovered materials including solid recovered fuels. NOTE 1 The total moisture content of solid recovered materials including solid recovered fuels is not an absolute value and therefore standardised conditions for its determination are indispensable to enable comparative determinations. NOTE 2 The term moisture content when used with SRF can be misleading since these materials often contain varying amounts of volatile compounds (extractives) which can evaporate if determining moisture content by oven drying.

Keel: en
Alusdokumendid: ISO/DIS 21660-2; prEN ISO 21660-2

Arvamusküsitluse lõppkuupäev: 30.12.2024

77 METALLURGIA

prEN ISO 9556

Steel and iron - Determination of total carbon content - Infrared absorption method after combustion in an induction furnace (ISO/DIS 9556:2024)

The method is applicable to carbon contents between 0,003% (m/m) and 4,5 % (m/m). Specifies principle, reagents, apparatus, sampling, procedure, expression of results and test report. The annexes give additional information on the international co-operative tests, a graphical representation of precision data and features of induction furnaces and carbon analysers.

Keel: en
Alusdokumendid: ISO/DIS 9556; prEN ISO 9556
Asendab dokumenti: EVS-EN ISO 9556:2003

Arvamusküsitluse lõppkuupäev: 30.12.2024

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN ISO 4255

Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at high temperature - Determination of uniaxial tensile properties of tubes (ISO/DIS 4255:2024)

This document specifies the conditions for the determination of uniaxial tensile properties of ceramic matrix composite (CMC) tubes with continuous fibre-reinforcement at elevated temperature in air, vacuum or inert gas atmospheres. This document is specific to the tubular geometries because fibre architecture and specimen geometry factors in composite tubes are distinctly different from those in flat specimens. This document provides information on the axial tensile properties and stress-strain response in temperature, such as axial tensile strength, axial tensile strain at failure and elastic constants. The information can be used for material development, control of manufacturing (quality insurance), material comparison, characterization, reliability and design data generation for tubular components. This document addresses, but is not restricted to, various suggested test piece fabrication methods. It applies primarily to all ceramic matrix composite tubes with a continuous fibrous-reinforcement: unidirectional (1D, filament winding and tape lay-up), bidirectional (2D braid and weave) and multi-directional (xD, with x > 2), tested along the tube axis.

Keel: en
Alusdokumendid: ISO/DIS 4255; prEN ISO 4255

Arvamusküsitluse lõppkuupäev: 30.12.2024

91 EHITUSMATERJALID JA EHITUS

EN ISO 12628:2022/prA1

Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation - Amendment 1 (ISO 12628:2022/DAmd1:2024)

Amendment to EN ISO 12628:2022

Keel: en

Alusdokumendid: ISO 12628:2022/DAmd 1; EN ISO 12628:2022/prA1
Muudab dokumenti: EVS-EN ISO 12628:2022

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN ISO 11431

Building and civil engineering sealants - Determination of adhesion/cohesion properties of sealants after exposure to heat, water and artificial light through glass (ISO/DIS 11431:2024)

This document specifies a method for the determination of the adhesion/cohesion properties of sealants after cyclic exposure to heat and artificial light followed by a period of exposure to water at a defined temperature. NOTE The cyclic exposure of the test specimens to water and to radiation and heat is meant to simulate the exposure of sealants in service to natural weather conditions. The acceleration factor in comparison with the real situation is unknown. The intention is not to receive durability data for the sealants under evaluation but to ensure a minimum performance in glazing applications.

Keel: en
Alusdokumendid: prEN ISO 11431; ISO/DIS 11431:2024
Asendab dokumenti: EVS-EN ISO 11431:2003

Arvamusküsitluse lõppkuupäev: 30.12.2024

93 RAJATISED

prEN 13880-11

Hot applied joint sealants - Part 11: Test method for the preparation of asphalt test blocks used in the function test and for the determination of compatibility with asphalt pavements

This document describes a method for preparing asphalt blocks intended for testing of joint sealants according to prEN 13880-7 and EN 13880-9.

Keel: en
Alusdokumendid: prEN 13880-11
Asendab dokumenti: EVS-EN 13880-11:2003

Arvamusküsitluse lõppkuupäev: 30.12.2024

97 OLME. MEELELAHUTUS. SPORT

prEN 16282-7

Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 7: Installation and use of fixed fire extinguishing systems

This document is applicable to ventilation systems in commercial kitchens, associated areas and other installations processing foodstuffs intended for commercial use. Kitchens and associated areas are special rooms in which meals are prepared, where tableware and equipment are washed and cleaned, food is stored, and food waste areas. This document specifies requirements and gives recommendations for the configuration, installation, testing, maintenance and safety of fixed kitchen fire extinguishing systems within the design of commercial kitchens in buildings. It is applicable for fire extinguishing systems providing appliance-specific protection as well as overlapping zone protection. This document provides the guidelines to install fixed fire extinguishing systems to protect against grease fires on the cooking appliances in the extract ventilation system. This document includes recommendations for the certification of system hardware, as well as design, installation and maintenance of the system. Unless otherwise specified, the requirements of this document are checked by way of inspection and/or measurement. NOTE Please note the possible existence of additional or alternative local national regulations on installation, appliance requirements and inspection, maintenance and operation. This document is applicable to kitchen ventilation systems excluding those in domestic kitchens.

Keel: en
Alusdokumendid: prEN 16282-7
Asendab dokumenti: EVS-EN 16282-7:2017+A1:2021

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 17691-1

Components for BAC control loops - Valve and actuator assemblies - Part 1: Water-based HVAC applications

This document specifies requirements and test methods of valve-actuator assemblies in individual zone control of water-based HVAC applications. Control valves of nominal diameter larger than DN50 are currently not covered by this document. Within the scope are pressure independent and pressure dependent control valve-actuator assemblies of relevant categories: 2-port, 3-port and 6-port valves (if they incorporate a control valve function). Where a certain control loop as a combination of controller and valve-actuator assembly was assessed under EN 15500-1:2017, this European Standard allows the assessment of the performance of combinations of that controller with different valve-actuator assemblies. The tests in this document ensure that valve/actuator assemblies, as components of control loops, can be replaced with products that provide comparable or better performance. In hydronic system, valve-actuator assembly is a component of control loop that controls water flow rate according to the application control demand. The common Formula (1) describing the flow rate where whole hydronic system itself has an influence on actual flow rate as differential pressure across control valve-actuator assembly typically varies during operation. $Q=k_v \cdot \sqrt{((\Delta p_v)/(\Delta p_1 \text{ bar}))}$ where Q [m3/h] water flow kv [m3/h] flow coefficient of the valve Δpv [bar] differential pressure across the valve Δp1bar [bar] 1 bar differential pressure

Keel: en
Alusdokumendid: prEN 17691-1

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 71-1

Safety of toys - Part 1: Mechanical and physical properties

This European Standard specifies requirements and methods of tests for mechanical and physical properties of toys. This European Standard applies to toys for children, toys being any product or material designed or intended, whether or not exclusively, for use in play by children of less than 14 years. It refers to new toys taking into account the period of foreseeable and normal use, and that the toys are used as intended or in a foreseeable way, bearing in mind the behaviour of children. It includes specific requirements for toys intended for children under 36 months, children under 18 months and for children who are too young to sit up unaided. According to Directive 2009/48/EC (Toy Safety Directive) [21] "intended for use by" means that a parent or supervisor shall reasonably be able to assume by virtue of the functions, dimensions and characteristics of a toy that it is intended for use by children of the stated age group. For example, soft-filled toys with simple features intended for holding and cuddling are considered as intended for use by children under 36 months. NOTE Information relating to the age grading and age determination of toys can be found in CEN ISO/TR 8124-8 [22] and the European Commission's Guidance Documents on the Toy Safety Directive. This European Standard also specifies requirements for packaging, marking and labelling. This European Standard does not cover musical instruments, sports equipment or similar items but does include their toy counterparts. This European Standard does not apply to the following toys: - automatic playing machines, whether coin operated or not, intended for public use; - toy vehicles equipped with combustion engines (see A.2); - toy steam engines; - toy slings and toy catapults, supplied without projectiles; - remote control flying toys incorporating rotor blade(s) which are capable of spinning approximately horizontally, each blade being greater than 175 mm in length, measured from the centre of rotation to the blade tip, and with an overall mass of the flying toy greater than 50 g. Toy slings and toy catapults supplied with projectiles are covered by this standard. This European Standard does not cover electrical safety aspects of toys which are covered by EN IEC 62115. Furthermore, it does not cover the following items which, for the purpose of this European Standard, are not considered as toys: a) decorative objects for festivities and celebrations; b) products for collectors, provided that the product or its packaging bears a visible and legible indication that it is intended for collectors of 14 years of age and above; examples of this category are: 1) detailed and faithful scale models (see A.2); 2) kits for the assembly of detailed scale models; 3) folk dolls and decorative dolls and other similar articles; 4) historical replicas of toys; 5) reproductions of real fire arms; c) sports equipment including roller skates, inline skates, and skateboards intended for children with a body mass of more than 20 kg; d) bicycles with a maximum saddle height of more than 435 mm, measured as the vertical distance from the ground to the top of the seat surface, with the seat in a horizontal position and with the seat pillar set to the minimum insertion mark; e) scooters and other means of transport designed for sport or which are intended to be used for travel on public roads or public pathways; f) electrically driven vehicles which are intended to be used for travel on public roads, public pathways, or the pavement thereof; g) aquatic equipment intended to be used in deep water, and swimming learning devices for children, such as swim seats and swimming aids; ...

Keel: en
Alusdokumendid: prEN 71-1
Asendab dokumenti: EVS-EN 71-1:2014+A1:2018
Asendab dokumenti: EVS-EN 71-1:2014+A1:2018/AC:2020

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 71-5

Safety of toys - Part 5: Chemical toys (sets) other than experimental sets

This document specifies requirements and test methods for toy materials (substances and mixtures) used in chemical toys (sets) other than experimental sets. These substances and mixtures are: - those classified as dangerous by the EU legislation applying to dangerous substances and dangerous mixtures [5]; - substances and mixtures which in excessive amounts could harm the health of the children using them and which are not classified as dangerous by the above-mentioned legislation; and - any other chemical substance(s) and mixture(s) delivered with the chemical toy. NOTE The terms "substance" and "mixture" are defined in the REACH regulation No. (EC)1907/2006 and in the CLP regulation (EC) No. 1272/2008. Additionally, requirements are specified for markings, warnings, safety rules, contents list, instructions for use and first aid information. This document applies to: - plaster of Paris (gypsum) moulding sets; - oven-hardening plasticised PVC modelling clay sets; - polystyrene granules sets; - embedding sets; - adhesives, paints, lacquers, varnishes, thinners and cleaning agents (solvents), supplied or recommended in model sets; - slime kits.

Keel: en
Alusdokumendid: prEN 71-5
Asendab dokumenti: EVS-EN 71-5:2016
Asendab dokumenti: EVS-EN 71-5:2016/AC:2020

Arvamusküsitluse lõppkuupäev: 30.12.2024

prEN 71-8

Safety of toys - Part 8: Activity toys for domestic use

This document specifies requirements and test methods for activity toys. NOTE 1 Activity toys are often attached to or incorporating a crossbeam and often intended to bear the mass of one or more children. This document also specifies requirements for: - separately sold accessories for, and components of activity toys; - separately sold swing elements that are ready for use on or in combination with an activity toy; - construction packages for activity toys including components used to build activity toys according to a scheduled building instruction. The scope of this document excludes: - playground equipment intended for public use dealt with in the EN 1176 series; - bow-mounted rocking activity toys such as rocking horses and similar toys, which are covered by specific requirements in EN 71-1:2014+A1:2018; - toy pools with maximum depth of water over 400 mm measured, between the overflow level and the deepest point within the pool; NOTE 2 For information regarding the classification of pools as toys see European Commission guidance document No. 8 on the application of the Directive 2009/48/EC on the safety of toys -

Pools [1]. - pools with maximum depth of water over 400 mm measured, between the overflow level and the deepest point within the pool, without play elements covered e.g. by the EN 16582 series or EN 16927. NOTE 3 There is an enhanced risk of drowning in toy pools where the depth of water is in excess of 400 mm. - trampolines for domestic use dealt with in EN 71-14; - powered blowers used to continuously inflate inflatable activity toys. NOTE 4 Powered blowers used to continuously inflate inflatable activity toys are considered to be a household appliance and covered by requirements given in EN 60335-2-80. See also A.1.

Keel: en
Alusdokumendid: prEN 71-8
Asendab dokumenti: EVS-EN 71-8:2018
Asendab dokumenti: EVS-EN 71-8:2018/AC:2019

Arvamusküsitluse lõppkuupäev: 30.12.2024

TÕLKED 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 kommenteerimisportaalis: 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.

EN IEC 61936-1:2021/prAA:2024

Tugevvoolupaigaldised nimivahelduvpingega üle 1kV ja alalispingega üle 1,5 kV. Osa 1: Vahelduvpinge

EN IEC 61936-1:2021 muudatus

Keel: et
Alusdokumendid: EN IEC 61936-1:2021/prAA:2024

Kommenteerimise lõppkuupäev: 30.11.2024

EVS-EN 60601-2-45:2011/prA2

Elektrilised meditsiiniseadmed. Osa 2-45: Erinõuded mammograafiliste röntgenseadmete ja mammograafiliste stereotaktiliste seadiste esmasele ohutusele ja olulistele toimimisnäitajatele

Muudatus standardile EN 60601-2-45:2011

Keel: et
Alusdokumendid: IEC 60601-2-45:2011/A2:2022; EN 60601-2-45:2011/A2:2024

Kommenteerimise lõppkuupäev: 30.11.2024

EVS-EN ISO 17663:2023

Keevitus – Kvaliteedinõuded keevitamisega ja sellega kaasnevate tegevustega seotud termotöötlemisele

Käesolev dokument sätestab kvaliteedinõuded töökodades ja töömaal läbi viidavale keevitamise ja vormimisega seotud termilisele töötlusele õhus või kontrollitud atmosfääris. See kehtib peamiselt ferriitterastele, kuid seda saab vajaduse korral kasutada ka teiste materjalide jaoks. Käesolev dokument annab juhised tootjatele, kes teostavad termotöötlust või toodavad termotöödeldud tooteid või komponente. Käesolevat dokumenti saab kasutada ka tootja termotöötlemisvõimekuse hindamisel. Nõude täitmisest võib loobuda, kui on võimalik põhjendada, et konkreetne nõue ei ole konkreetse protsessi puhul kohaldatav. Käesolev dokument on paindlik raamistik, mis pakub: — erinõuded tootja termotöötlusele, et omada ISO 9001-le vastavat kvaliteedisüsteemi; — erinõuded termotöötlusele spetsifikatsioonides, mis nõuavad, et tootjal peab olema ISO 9001-st erineva kvaliteedisüsteem; — konkreetsed juhised tootjale, kes töötab välja termotöötlemise kvaliteedikontrollisüsteemi; — konkreetsed juhised keevitusjärgseks termotöötluseks tootjatele, kes juurutavad ISO 3834-2 või ISO 3834-3; — üksikasjalikud nõuded spetsifikatsioonidele, eeskirjadele või tootestandarditele, mis nõuavad termotöötlustoimingute kontrollimist.

Keel: et
Alusdokumendid: ISO 17663:2023; EN ISO 17663:2023

Kommenteerimise lõppkuupäev: 30.11.2024

EVS-EN ISO 4032:2023

Kuuskantmutrid (stiil 1) (ISO 4032:2023)

See dokument täpsustab terasest ja roostevabast terasest valmistatud jämekeermega M5 kuni M39 tavaliste kuuskantmutrite (stiil 1) ja tooteklasside A ja B omadused. MÄRKUS Mutrite läbimõõduga D < M5 ja D > M39 kohta vaata lisa A. Kui teatud juhtudel on vaja muid spetsifikatsioone, saab omaduste klassid ja roostevaba terase klassid valida standardite ISO 898-2 või ISO 3506-2 hulgast.

Keel: et
Alusdokumendid: ISO 4032:2023; EN ISO 4032:2023

Kommenteerimise lõppkuupäev: 30.11.2024

EVS-EN ISO 7218:2024

Toiduahela mikrobioloogia. Üldnõuded ja juhised mikrobioloogilisteks uuringuteks

See dokument täpsustab üldnõudeid ja annab juhised mikrobioloogilisteks uuringuteks. Seda rakendatakse: — standardite ISO/TC 34/SC 9 või ISO/TC 34/SC 5 järgi välja töötatud spetsiifiliste horisontaalsete või vertikaalsete rahvusvaheliste standardite rakendamiseks mikroorganismide avastamisel või loendamisel, edaspidi nimetatud „eristandardid“; — heade laboritavade puhul mikrobioloogialaboritele, kus analüüsitakse toiduahelast võetud proove; — juhistena mikrobioloogia laboritele, kus analüüsitakse toiduahelast võetud proove vastavalt standardi ISO/IEC 17025 tehnilistele nõuetele. Selle üldstandardi nõuded asendavad olemasolevates eristandardites olevaid vastavaid nõudeid. Lisajuhised polümeraasi ahelreaktsiooni (PCR) uuringute kohta on täpsustatud standardis ISO 22174. See dokument on rakendatav bakterite, pärmide ja hallituste uurimisel ning seda saab kasutada parasiitide ja viiruste uurimisel konkreetsete juhendite täiendina. See ei kehti mikrobioloogilise päritoluga toksiinide või teiste metaboliitide (nt amiinide) uuringute puhul. See dokument on rakendatav toiduahela mikrobioloogiale alates toidu ja

loomasööda tootmise esimesest etapist, sealhulgas ruumidele, kus toimub toidu või loomasööda tootmine ja käitlemine. See on rakendatav ka vee mikrobioloogilistele uuringutele, kui vett kasutatakse toidutootmises või vett käsitletakse riiklikes õigusaktides toiduna.

Keel: et
Alusdokumendid: EN ISO 7218:2024; ISO 7218:2024

Kommenteerimise lõppkuupäev: 30.11.2024

prEN 15004-1

Statsionaarsed tulekustutussüsteemid. Gaaskustutussüsteemid. Osa 1: Projekteerimine, paigaldamine ja hooldamine

See dokument määrab kindlaks nõuded ja annab soovitused kustutusgaase kasutavate süsteemide projekteerimise, paigaldamise, katsetamise, hoolduse ja ohutuse kohta hoonetes, seadmestikes või muudes struktuurides ning määratleb eri kustutusgaaside omadused ja tulekahjude tüübid, mille korral need on sobivad kustutusvahendid. Dokument kirjeldab täieliku küllastusega süsteeme, mis on eelkõige kasutatavad hoonete, seadmestike ja muude spetsiaalsete rakenduste korral ning milles kasutatakse elektrit mittejuhtivaid kustutusgaase, millest ei teki kasutamisel jääke ja mille kohta on praegu olemas piisavalt andmeid, võimaldamaks pädeval sõltumatul ametkonnal kinnitada nende efektiivsuse ja ohutusega seonduvad parameetrid. Selle dokumendi sätted ei ole rakendatavad plahvatuse summutamise korral. Käesolev dokument ei ole mõeldud selles loetletud kustutusainete heakskiitmiseks vastavate asutuste poolt, kuna samavõrra vastuvõetavad võivad olla ka muud kustutusained. CO2 kustutusaine ei ole käesolevas standardis käsitletud, kuna seda reguleerib omaette Euroopa standard. Käesolev dokument kehtib tabelis 1 loetletud kustutusainete kohta. See dokument on ette nähtud kasutamiseks koos tabelis 1 toodud tulekustutusainete standardi EN 15004 vastavate osadega.

Keel: et
Alusdokumendid: prEN 15004-1; ISO 14520-1:2013

Kommenteerimise lõppkuupäev: 30.11.2024

prEN ISO 14119

Masinaohutus. Kaitsepiiretega ühendatud blokeerimisseadised. Kavandamise ja valiku põhimõtted

See dokument määrab kindlaks kaitsepiiretega ühendatud blokeerimisseadiste kavandamise ja valiku põhimõtted (mis ei sõltu energiaallika olemusest) ja näeb ette juhised meetmete kohta, et vähendada blokeerimisseadiste mittetoimivaks muutmise võimalust mõistlikult ettenähtaval viisil. See dokument hõlmab kavandamise, valiku ja rakendamise põhimõtteid: — kaitsepiirete osadele, mis aktiveerivad blokeerimisseadiseid; — kinnihoitava võtmega blokeerimisseadistele ja -süsteemidele masinate rakenduste jaoks. MÄRKUS Standard ISO 14120 määrab kindlaks üldnõuded kaitsepiirete, mis on ette nähtud eelkõige inimeste kaitsmiseks mehaaniliste ohtude eest, kavandamisele ja ehitamisele. Blokeerimisseadise signaali töötlemine masina seiskamiseks ja ootamatu käivitumise vältimiseks on hõlmatud standardites ISO 14118, ISO 13849-1 ja IEC 62061.

Keel: et
Alusdokumendid: ISO/DIS 14119.2; prEN ISO 14119

Kommenteerimise lõppkuupäev: 30.11.2024

prEVS-EN 13480-2

Metallist tööstustorustik. Osa 2: Materjalid

See dokument määratleb nõuded terasest toodetele, mida kasutatakse tööstuslikes torustikes ja tugedes. Mõnede mitte terasest metalliliste materjalide, nagu näiteks keragrafiitmalm, alumiinium, nikkel, vask, titaan nõuded on sõnastatud või sõnastatakse selle dokumendi eraldi osades. Metalliliste materjalide korral, mis ei ole kaetud harmoneeritud materjali standardiga ja mis ei saa tõenäoliselt ka lähitulevikus kaetud, on selles osas või eespool esitatud selle dokumendi osades toodud erireeglid.

Keel: et
Alusdokumendid: EN 13480-2:2024

Kommenteerimise lõppkuupäev: 30.11.2024

prEVS-ISO 11620

Informatsioon ja dokumentatsioon. Raamatukogu tulemusindikaatorid

Selles dokumendis on kindlaks määratud raamatukogu tulemusindikaatorile esitatavad nõuded ja kehtestatud valik indikaatoreid, mida saab kasutada kõikides raamatukogudes. Peale selle on antud juhiseid tulemusindikaatorite rakendamiseks raamatukogudes, kus neid seni kasutatud pole. See dokument on rakendatav kõigis maades igat tüüpi raamatukogudes. Kõik tulemusindikaatorid pole siiski kasutatavad kõigis raamatukogudes. Rakendamise piirangud on loetletud iga indikaatori kirjelduses kasutusala punkti all (vt lisa A). Dokumendis esitatakse tulemusindikaatorite standardnimetused ja lühikesed määratlused. Edasi kirjeldatakse indikaatoreid ning vajalike andmete kogumist ja analüüsi lähemalt. Dokumendiga ei välistata nende tulemusindikaatorite kasutamist, mida selles pole kirjeldatud.

Keel: et
Alusdokumendid: ISO 11620:2023

Kommenteerimise lõppkuupäev: 30.11.2024

prEVS-ISO 59010

Ringmajandus. Ärimudelite ja väärtusahelate transformeerimise suunised

See dokument annab juhiseid organisatsioonile, kes soovib oma väärtuse loomise mudeleid ja väärtusvõrgustikke lineaarselt ringmajandusele üle viia. Dokument on rakendatav igale organisatsioonile, olenemata suurusest, sektorist või piirkonnast.

Keel: et
Alusdokumendid: ISO 59010:2024

Kommenteerimise lõppkuupäev: 30.11.2024

prEVS-ISO/IEC/IEEE 26514

Süsteemi- ja tarkvaratehnika. Kasutajateabe kavandamine ja väljatöötus

See dokument käsitleb tarkvara kasutajateabe väljatöötusprotsessi teabe kavandajate ja väljatöötajate vaatenurgast. Dokument kirjeldab, kuidas selgitada välja, millist teavet vajavad kasutajad, kuidas määrata, mil viisil tuleks seda teavet kasutajatele esitada, ning kuidas seejärel teavet koostada ja teha seda kättesaadavaks. Esitatavad juhiseid ei piirdu siiski üksnes kavandamis- ja väljatöötusetapiga, vaid annavad teavet kavandamise kohta kõigis elutsükli etappides alustades kavandamisstrateegiast ja lõpetades kavandi hooldamisega. Dokumendis on esitatud nõuded tarkvara kasutajateabe struktuurile, sisule ja vormingule. See on kohaldatav järgmiste teabeliikide väljatöötusele, ehkki see ei kata kõiki nende aspekte: — mittetarkvaraliste toodete kasutajatele suunatud teave; — animatsiooni, videot ja heli kasutavad multimeediasüsteemid; — Eelkõige formaalsete koolitusprogrammide raames kasutamiseks mõeldud arvutipõhise koolituse (CBT) paketid ja erialased õppematerjalid; — süsteemitarkvara sisemist talitlust kirjeldav hooldusteave; — kasutajaliidesesse endasse lõimitud kasutajateave. Dokument on suunatud teabearhitektidele ja teabe väljatöötajatele, sealhulgas mitmesugustele spetsialistidele: — teabearhitektid, kes tegelevad teabetoodete struktuuri ja vormingu kavandamisega; — kasutatavuse spetsialistid ja ärianalüütikud, kes selgitavad välja ülesanded, mida kavandatavad kasutajad saavad tarkvara abil täita; — kasutajateabe kirjaliku sisu väljatöötajad ja toimetajad; — kujundajad, kellel on eriteadmised elektroonilisest meediast; — kasutajaliideste kavandajad ja ergonoomikaeksperdid, kes üheskoos kavandavad viise kuvateabe esitamiseks. Dokument on ühtlasi mõeldud teabeallikana kasutajateabe arendusprotsessis teisi rolle ja huvisid esindavatele inimestele: — tarkvaraarendusprotsessi või teabearendusprotsessi juhid; — tarnijate koostatava kasutajateabe hankijad; — kasutatavuse testijad, kasutajateabe läbivaatajad, valdkondade asjatundjad; — kasutajateabe loomiseks kasutatavate vahendite väljatöötajad; — inimtegurite asjatundjad, kelle ülesanne on piiritleda põhimõtteid, mille rakendamine aitab muuta kasutajateavet hõlpsamini juurdepääsetavaks ja kasutatavaks.

Keel: et

Kommenteerimise lõppkuupäev: 30.11.2024

prHD IEC 60364-4-42:2022

Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest

Standardi IEC 60364 käesolev osa sätestab elektripaigaldiste kohta meetmed inimeste, kariloomade ja vara kaitseks: — kuumustoimete, materjalide põlemis- või lagunemisohu ja elektriseadmetest põhjustatud põletusohu eest, — elektripaigaldisest tuleohtu teistesse läheduses asuvatesse tõketega eraldatud tuletõkke-sektsioonidesse levitavate leekide eest ja — elektriseadmete ohutu talitluse kaitseks, sh kuumustoime tõttu ohutusteenuste kahjustamise eest. MÄRKUS Plahvatusohu kohta vt standard IEC 60079-14. Käesolev olulistele ohutusnõuetele keskenduv RÜHMA OHUTUSVÄLJAANNE (GROUP SAFETY PUBLICATION, GSP), on mõeldud peamiselt kasutamiseks tooteohutusstandardina reguleerimisalas nimetatud paigaldiste puhul, kuid see on mõeldud kasutamiseks ka Tehniliste komiteede (TC) poolt väljaannete koostamisel sarnaste paigaldiste jaoks, mida on nimetatud rühmaväljaande kohaldamisalas vastavalt IEC juhendis 104 ja ISO/IEC juhendis 51 sätestatud põhimõtetele. Üks tehnilise Komitee kohustustest on võimaluse korral kasutada oma väljaannete ettevalmistamisel rühma ohutusväljaandeid (Group safety publication GSP)

Keel: et
Alusdokumendid: 64/2572/CDV; prHD IEC 60364-4-42:2022

Kommenteerimise lõppkuupäev: 30.11.2024

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas allpool nimetatud standardite ja standardilaadsete dokumentide jätkuv kehtimine Eesti ja/või Euroopa standardina/dokumendina on vajalik.

Allviidatud standardite ja dokumentide kehtivana hoidmise vajalikkusest palume teavitada EVS-i standardiosakonda (standardiosakond@evs.ee).

EVS-EN 1038:2001

Identifitseerimiskaardisüsteemid. Siderakendused. Kiipkaarditaksofon
Identification card systems - Telecommunication applications - Integrated circuit(s) card payphone

Standardi käesolev osa spetsifitseerib kaarditaksofonide juures kasutatavate kiipkaartide karakteristikud, mis sõltuvad vastavast rakendusest. Standardi käesolev osa ei määratle rakendusotstarbest mittesõltuvaid karakteristikuid. Need karakteristikud on määratletud ja kirjeldatud standardikavandites prEN 726-3 [3] and prEN 726-4 [4].

Keel: en
Alusdokumendid: EN 1038:1995
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN 13391:2004

Mechanical tests for post-tensioning systems

This European Standard specifies the test procedures for the anchorages and couplings of post-tensioning systems. This standard is to be used in conjunction with the relevant European Standards ENV 1992-1-1 and ENV 1992-2 and others for pertaining to prestressed concrete structures. The test results should be used for the acquisition of the Technical Approval of the specified post-tensioning system. For unbonded tendons additional tests and requirements are needed and these are not covered in the present scope of this standard.

Keel: en
Alusdokumendid: EN 13391:2004
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN 726-1:2000

Identifitseerimiskaardisüsteemid. Sides kasutatavad kiipkaardid ja kaarditerminalid. Osa 1: Süsteemi ülevaade
Identification card systems - Telecommunications integrated circuit(s) cards and terminals - Part 1: System overview

Käesolev standard määratleb sides kasutatavatele kiipkaartidele ja kaarditerminalidele esitatavaid nõudeid Euroopas. Neid nõudeid tuleb rakendada Euroopa standardi nõuetena multifunktsionaalsetele kaartidele, mida kasutatakse kaarditerminalides avalikus sidevõrgus. Osa 1 sisaldab süsteemi ülevaadet.

Keel: en
Alusdokumendid: EN 726-1:1994
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN 726-2:2000

Identifitseerimiskaardisüsteemid. Sides kasutatavad kiipkaardid ja terminalid. Osa 2: Turvamehhanism
Identification card systems - Telecommunications integrated circuit(s) cards and terminals - Part 2: Security framework

Standardi EN 726 käesolev osa spetsifitseerib sides kasutatavate kiipkaartide turvamehhanismid. Antud spetsifikatsioon ei kirjelda konkreetseid rakendusi.

Keel: en
Alusdokumendid: EN 726-2:1995
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN 726-7:2001

Identification card systems - Telecommunications integrated circuit(s) cards and terminals - Part 7: Security module

This part of EN 726 specifies: - The minimum security requirements for a Security Module (SM); - The general card related functions embedded in the SM-terminal prodocols including minimum data exchange ; The data elements and cryptographic processing described in annex A for the case where the SM is an ICC should be supported if the SM is not an ICC or the configuration of the system, e.g. where the SM handles more than one terminal/user card. - The necessary security services and mechanisms to provide application and cryptographic security information for the processing of telecommunication transactions.

Keel: en

Alusdokumendid: EN 726-7:1999
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN ISO 10079-3:2009

Meditsiiniline vaakumaparatuur. Osa 3: Vaakum- või surveajamiga töötav vaakumaparatuur
Medical suction equipment - Part 3: Suction equipment powered from vacuum or pressure source

This part of ISO 10079 specifies safety and performance requirements for medical suction equipment powered froma vacuum or pressure source (see Figure 1). In particular it applies to connections for pipelines and Venturiattachments.Suction equipment with components controlled by electrical means, e.g. electronic timing, may also need to complywith IEC 60601-1.

Keel: en
Alusdokumendid: ISO 10079-3:1999; EN ISO 10079-3:2009
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN ISO 20837:2006

Microbiology of food and animal feeding stuffs - Polymerase chain reaction (PCR) for the detection of food-borne pathogens - Requirements for sample preparation for qualitative detection

This International Standard provides criteria and examples for sample preparation in order to obtain PCRcompatible samples or nucleic acids of suitable quality and quantity for PCR. It provides a description of the general principles involved. References to standards concerning the enrichment of microorganisms are given in Annex A, and a detailed method for DNA extraction is given in Annex B.

Keel: en
Alusdokumendid: ISO 20837:2006; EN ISO 20837:2006
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN ISO 20838:2006

Microbiology of food and animal feeding stuffs - Polymerase chain reaction (PCR) for the detection of food-borne pathogens - Requirements for amplification and detection for qualitative methods

This International Standard provides the overall framework for qualitative methods for the detection of foodborne pathogens using the polymerase chain reaction (PCR). It covers the general requirements for the specific amplification of target nucleic acid sequences and the detection and confirmation of the identity of the amplified nucleic acid sequence.

Keel: en
Alusdokumendid: ISO 20838:2006; EN ISO 20838:2006
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-EN ISO 22119:2011

Microbiology of food and animal feeding stuffs - Real-time polymerase chain reaction (PCR) for the detection of food-borne pathogens - General requirements and definitions (ISO 22119:2011)

This International Standard defines terms for the detection of food-borne pathogens in foodstuffs, and isolates obtained from them, using the polymerase chain reaction (PCR). This International Standard also specifies requirements for the amplification and detection of nucleic acid sequences (DNA or RNA after reverse transcription) by real-time PCR. The minimum requirements laid down in this International Standard provide the basis for comparable and reproducible results within individual and between different laboratories. This International Standard is also applicable, for example, to the detection of food-borne pathogens in environmental samples and in animal feeding stuffs.

Keel: en
Alusdokumendid: ISO 22119:2011; EN ISO 22119:2011
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-ISO 830:2003

Veokonteinerid. Sõnavara
Freight containers - Vocabulary

See rahvusvaheline standard annab veokonteineritega seotud terminite definitsioonid. MÄRKUS Veokonteinerite ehitamisel kasutatud erinevad osad ja komponendid on välja toodud ISO 9897-1 standardis.

Keel: en
Alusdokumendid: ISO 830:1999
Tühistamisküsitluse lõppkuupäev: 30.11.2024

EVS-ISO/IEC 18028-4:2007

Infotehnoloogia. Turbemeetodid. Infotehnoloogiavõrkude turve. Osa 4: Kaugpöörduse turve
Information technology — Security techniques — IT network security — Part 4: Securing remote access

ISO/IEC 18028 see osa annab juhiseid kaugpöörduse turvalise kasutamise kohta; kaugpöördus on meetod arvuti kaugühendamiseks avalike võrkude abil teise arvuti või võrguga ja ta mõjutab infotehnoloogia turvalisust. Ta tutvustab seejuures mitmesuguseid kaugpöörduse tüüpe, hõlmates ka kasutatavaid protokolle, käsitleb kaugpöördusega seotud autentimisküsimusi ning aitab kaugpöördust turvaliselt korraldada. Ta on mõeldud abistama võrguadministraatoreid ja tehnilist personali, kes plaanivad sedalaadi ühenduse kasutamist või kellel see on juba kasutusel, kuid kes vajavad nõu selle kohta, kuidas seda turvaliselt korraldada ja turvaliselt käitada.

Keel: en, et
Alusdokumendid: ISO/IEC 18028-4:2005
Tühistamisküsitluse lõppkuupäev: 30.11.2024

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 ISO 9013:2017/A1:2024
Thermal cutting - Classification of thermal cuts - Geometrical product specification and quality tolerances - Amendment 1 (ISO 9013:2017/Amd 1:2024)

Eeldatav avaldamise aeg Eesti standardina 12.2024

EN 12597:2024
Bitumen and bituminous binders - Terminology

Eeldatav avaldamise aeg Eesti standardina 12.2024

EN IEC 60079-14:2024
Explosive atmospheres - Part 14: Electrical installation design, selection and installation of equipment, including initial inspection

Eeldatav avaldamise aeg Eesti standardina 07.2025

EN IEC 62305-1:2024
Protection against lightning - Part 1: General principles

Eeldatav avaldamise aeg Eesti standardina 10.2025

EN IEC 62305-2:2024
Piksekaitse. Osa 2: Riskianalüüs
Protection against lightning - Part 2: Risk management

Eeldatav avaldamise aeg Eesti standardina 10.2025

EN IEC 62305-3:2024
Protection against lightning - Part 3: Physical damage to structures and life hazard

Eeldatav avaldamise aeg Eesti standardina 10.2025

EN IEC 62305-4:2024
Protection against lightning - Part 4: Electrical and electronic systems within structures

Eeldatav avaldamise aeg Eesti standardina 10.2025

UUED EESTIKEELSED 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 12594:2024

Bituumen ja bituumensideained. Katseproovide ettevalmistamine
Bitumens and bituminous binders - Preparation of test samples

See dokument määratleb meetodid bituumenitest ja bituumensideainetest katseproovide ettevalmistamiseks nende omaduste katsetamise eesmärgil. HOIATUS! Selle dokumendi rakendusala võib hõlmata ohtlikke materjale, toiminguid ja seadmeid. Selle dokumendi eesmärk ei ole käsitleda kõiki selle dokumendi rakendamisega seotud ohutusprobleeme. Selle dokumendi kasutaja vastutab nõuetekohaste ohutus- ja tervishoiumeetmete rakendamise ning regulatiivpiirangute kasutamiseelse määratlemise eest juba enne dokumendi kasutamist.

EVS-EN 13480-5:2024

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

See dokument määrab kindlaks nõuded tööstustorustike ülevaatuseks ja testimiseks vastavalt standardile EN 13480-1:2024, mida tuleb teostada eraldiseisvate torude (spools) või torustikusüsteemide puhul, hõlmates ka tugiosasid (supports), mis on kavandatud standardite EN 13480-3:2024 ja EN 13480-6:2024 kohaselt (kui kohaldatav) ning valmistatud ja paigaldatud standardi EN 13480-4:2024 kohaselt.

EVS-EN 17635:2022

Klaas ehitusmaterjalina. Purunemisomadused. Nõuded ja hindamismeetodid
Glass in building - Shatter properties - Requirements and assessment methods

See dokument annab katsemeetodid ehitistes ja ehitustöödel kasutatavate eri tüüpi monoliitsete lehtklaaside purunemisomaduste hindamiseks, mille puhul on kindlaksmääratud tingimustes katsetamisel nõutav spetsiifiline killustumismuster. MÄRKUS Termiliselt töödeldud monoliitne klaas on toode, mille puhul eksisteerib selline nõue.

EVS-EN 17805:2023

Vee kvaliteet. Veest keskkonna DNA proovide võtmine, kogumine ja säilitamine
Water quality - Sampling, capture and preservation of environmental DNA from water

See dokument määrab kindlaks veekeskkonnas oleva keskkonna DNA (eDNA) proovide võtmise, kogumise ja säilitamise protseduurid, mis pärinevad organismidest, mis on veekogus või on hiljuti veekogus esinenud, on seda külastanud või mille DNA on veekogusse viidud mingi mehhanismi kaudu. See dokument hõlmab ka proovide saastumise vältimise ja DNA kvaliteedi tagamise protseduure, filtreerimisprotseduuri põhiomadusi ja vahendeid ning aruandlusstandardeid. See dokument ei hõlma eDNA kogumist biokiledest, setetest või sarnastest proovitüüpidest ega hõlma proovivõtu kavandamist.

EVS-EN ISO 10304-4:2022

Vee kvaliteet. Lahustunud anioonide määramine ioonvahetus-vedelikkromatograafiat kasutades. Osa 4: Kloraadi, kloriidi ja kloriti määramine madala reostusega vees
Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 4: Determination of chlorate, chloride and chlorite in water with low contamination (ISO 10304-4:2022)

See dokument täpsustab meetodi kloraadi, kloriidi ja kloriti lahustunud anioonide määramiseks madala reostusega vees (nt joogivesi, toorvesi või basseinivesi). Asjakohaste ja sobivate ülesseadete ja nendest sõltuvate protseduurietappide mitmekesisus võimaldab ainult üldist kirjeldust. Analüütiliste tehnikate kohta leiab rohkem teavet peatükist Kirjandus. Asjakohane proovide eeltöötlus (nt lahjendamine) ja juhtivusdetektori (CD), UV-detektori (UV) või amperomeetrilise detektori (AD) kasutamine võimaldab tabelis 1 toodud tööpiirkondi.

EVS-EN ISO 16000-9:2024

Siseõhk. Osa 9: Ehitustoodete ja sisustuse proovidest lenduvate orgaaniliste ühendite emissiooni määramine. Emissioonikambri meetod
Indoor air - Part 9: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Emission test chamber method (ISO 16000-9:2024)

See dokument kirjeldab üldist laboratoorset katsemeetodit lenduvate orgaaniliste ühendite (LOÜ) emissiooni määramiseks pinnaühiku kohta etteantud keskkonnatingimustel uutest ehitustoodete proovidest või sisustusmaterjalidest. Meetodit võib põhimõtteliselt kohaldada ka seisnud või kasutatud toodete proovidele. Saadud emissiooniandmeid saab kasutada kontsentratsioonide arvutamiseks mudelruumides (vt tabel B.1). See dokument on kohaldatav mitmesugustele emissioonikambritele, mida kasutatakse ehitustoodetest või sisustusmaterjalidest pärinevate lenduvate orgaaniliste ühendite heitkoguste määramiseks. See dokument on rakendatav ka puidupõhiste paneelide ja muude ehitustoodete proovidest

formaldehüüdi emissiooni määramiseks. MÄRKUS Põhimõtteliselt võib seda dokumenti kasutada ehitustoodete ja sisustusmaterjalide proovidest mis tahes aine gaasifaasi emissiooni määramiseks.

EVS-EN ISO 16484-1:2024

Hoone automaatika- ja juhtimissüsteemid (BACS) Osa 1: Projekti spetsifikatsioon ja teostus
Building automation and control systems (BACS) - Part 1: Project specification and implementation (ISO 16484-1:2024)

See dokument määratleb juhtpõhimõtted projekti kavandamiseks ja elluviimiseks ning teiste süsteemide integreerimiseks hoone automaatika- ja juhtimissüsteemidesse (BACS). See dokument määrab kindlaks BACS-projekti jaoks vajalikud järgud, sealhulgas — kavandamise (projekti nõuete kindlaksmääramine ja projekteerimisdokumentide, sealhulgas tehniliste kirjelduste koostamine), — tehnostuse (üksikasjalikud funktsioonid ja riistvara projekteerimine), — paigalduse (BACS-i paigaldamine ja käikuandmine) ja — valmimise (üleandmine, vastuvõtmine ja projekti lõpuleviimine). See dokument määrab ka nõuded valmisdokumentatsioonile ja koolitusele. Seda dokumenti ei kohaldata käituse ja hoolduse suhtes, samuti ei kohaldata seda taas- või pideva käikuandmise, sealhulgas käikuandmise organi suhtes.

EVS-EN ISO 7010:2020+A1+A2+A3+A4+A5+A6:2023

Graafilised sümbolid. Ohutusvärvid ja ohutusmärgid. Registreeritud ohutusmärgid
Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2019, Corrected version 2020-06 + ISO 7010:2019/Amd 1:2020 + ISO 7010:2019/Amd 2:2020 + ISO 7010:2019/Amd 3:2021 + ISO 7010:2019/Amd 4:2021 + ISO 7010:2019/Amd 5:2022 + ISO 7010:2019/Amd 6:2022)

Selles dokumendis kirjeldatakse ohutusmärke, mille eesmärk on õnnetuste ennetamine, tuleohutus, teave terviseohtude kohta ja hädaolukorras evakueerumine. Iga ohutusmärgi kuju ja värv vastab standardile ISO 3864-1 ning graafiliste sümbolite kujundus standardile ISO 3864-3. Seda dokumenti kohaldatakse kõikides kohtades, kus on vajalik tegeleda inimeste ohutusega. Seda dokumenti ei kohaldata raudtee-, maantee-, jõe-, mere- ja lennuliikluse juhtimiseks kasutatavate märkide puhul ning üldiselt nendes valdkondades, mida reguleerivad määrused, mis võivad teatud punktides erineda selles dokumendis ja ISO 3864 standardisarjas toodust. Selles dokumendis määratletakse ohutusmärkide originaalversioonid, mida saab mõõtmestada paljundamise ja kasutamise eesmärgil.

EVS-EN ISO 898-3:2018+A1:2021

Kinnitid. Süsinikterasest ja legeeritud terasest valmistatud kinnitite mehaanilised omadused. Osa 3: Spetsifitseeritud omadusklassidega tasapinnalised seibid
Fasteners — Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Flat washers with specified property classes (ISO 898-3:2018 + ISO 898-3:2018/Amd 1:2020)

See dokument määrab kindlaks tasapinnaliste seibide mehaanilised ja füüsikalised omadused, mis on ette nähtud kasutamiseks poltliidetes koos kindlaksmääratud omadusklassidega poltide, kruvide, tikkpoltide ja mutritega, mis on vastavuses standarditega ISO 898-1 ja ISO 898-2. MÄRKUS 1 Seda tüüpi seibe saab kasutada ka koos teiste kinnitusdetailidega, näiteks kruvidega, mis moodustavad oma vastaskeerme. Selle dokumendi nõuetele vastavaid seibe hinnatakse ümbritseva õhu temperatuurivahemikus 10 °C kuni 35 °C. Need ei pruugi kõrgetel ja/või madalatel temperatuuridel säilitada määratud mehaanilisi ja füüsikalisi omadusi. MÄRKUS 2 Selle dokumendi nõuetele vastavaid seibe kasutatakse rakendustes, mis jäävad temperatuurivahemikku –50 °C kuni +150 °C. Sobivate valikute tegemiseks või kriitiliste rakenduste puhul soovitatakse kasutajatel konsulteerida kogenud kinnitusdetailide eksperdiga temperatuuride asjus, mis jäävad sellest vahemikust väljapoole ja kuni maksimumtemperatuurini +300 °C. See dokument kehtib järgmiste süsinikterasest või legeeritud terasest valmistatud tasapinnaliste kinnitatud ja mittekinnitatud seibide puhul paksusega 0,2 mm kuni 12 mm: — tasapinnalised seibid (rihvelduste, ribide või faasidega või ilma); — ruudukujulised seibid; — ruudukujulise auguga seibid; — kujuga plaadid. See ei spetsifitseeri nõudeid järgmistele omadustele: — korrosioonikindlus; — keevitatavus.

EVS-ISO/IEC 25010:2024

Süsteemi- ja tarkvaratehnika. Süsteemide ja tarkvara kvaliteedinõuded ja kvaliteedi hindamine (SQuaRE). Toote kvaliteedimudel
Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Product quality model (ISO/IEC 25010:2023, identical)

See dokument määratleb toote kvaliteedi mudeli, mis on rakendatav IKT- (info- ja sidetehnoloogia) toodetele ja tarkvaratoodetele. Toote kvaliteedimudel koosneb üheksast toote kvaliteediomadustega seotud karakteristikust (mis on jaotatud alamkarakteristikuteks). Karakteristikud ja alamkarakteristikud annavad võrdlusmudeli toodete kvaliteedi spetsifitseerimiseks, mõõtmiseks ja hindamiseks. MÄRKUS 1 Selles dokumendis tähendab toode IKT-toodet, mis on osa infosüsteemist. IKT-toodete komponendid hõlmavad alamsüsteeme, tarkvara, püsivara, riistvara, andmeid, side taristut ja muid IKT-toodete osaks olevaid elemente. Seda mudelit saavad toodete kvaliteedi nõuete spetsifitseerimiseks ja tulemtoodete kvaliteedi hindamiseks kogu nende elutsükli kestel kasutada mitmed huvipooled, sealhulgas väljatöötajad, hankijad, kvaliteedi tagamise ja kvaliteedikujunduse töötajad ning sõltumatud hindajad. Toote elutsükli toimingud, millel võib olla tulu selle mudeli kasutamisest, hõlmavad järgmist: — toote- ja infosüsteeminõuete väljaselgitamine ja määratlemine; — nõuete määratlemise ammendavuse valideerimine; — toote ja infosüsteemi kavandamise eesmärkide piiritlemine ning kvaliteedi saavutamiseks vajaliku protsessi kavandamine; — toodete ja infosüsteemide testimise eesmärkide piiritlemine; — kvaliteedikujunduse kriteeriumide määratlemine kvaliteedi tagamise osana; — toote ja/või infosüsteemi vastuvõtukriteeriumide piiritlemine; — toote kvaliteedikarakteristikute mõõtude kehtestamine nende tegevuste toetamiseks. MÄRKUS 2 Kvaliteedimudeli kasutamist mõõtmiseks on selgitatud lisas C.

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 EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 17635:2022	Glass in building - Shatter properties - Requirements and assessment methods	Klaas ehitusmaterjalina. Purunemisomadused. Nõuded ja hindamismeetodid
EVS-EN 17805:2023	Water quality - Sampling, capture and preservation of environmental DNA from water	Vee kvaliteet. Veest keskkonna DNA proovide võtmine, kogumine ja säilitamine
EVS-EN ISO 10304-4:2022	Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 4: Determination of chlorate, chloride and chlorite in water with low contamination (ISO 10304-4:2022)	Vee kvaliteet. Lahustunud anioonide määramine ioonvahetus-vedelikkromatograafiat kasutades. Osa 4: Kloraadi, kloriidi ja kloriti määramine madala reostusega vees
EVS-EN ISO 16000-9:2024	Indoor air - Part 9: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Emission test chamber method (ISO 16000-9:2024)	Siseõhk. Osa 9: Ehitustoodete ja sisustuse proovidest lenduvate orgaaniliste ühendite emissiooni määramine. Emissioonikambri meetod
EVS-EN ISO 16484-1:2024	Building automation and control systems (BACS) - Part 1: Project specification and implementation (ISO 16484-1:2024)	Hoone automaatika- ja juhtimissüsteemid (BACS) Osa 1: Projekti spetsifikatsioon ja teostus
EVS-EN ISO 7010:2020+A1+A2+A3+A4 +A5+A6:2023	Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2019, Corrected version 2020-06 + ISO 7010:2019/Amd 1:2020 + ISO 7010:2019/Amd 2:2020 + ISO 7010:2019/Amd 3:2021 + ISO 7010:2019/Amd 4:2021 + ISO 7010:2019/Amd 5:2022 + ISO 7010:2019/Amd 6:2022)	Graafilised sümbolid. Ohutusvärvid ja ohutusmärgid. Registreeritud ohutusmärgid
EVS-EN ISO 898-3:2018+A1:2021	Fasteners — Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Flat washers with specified property classes (ISO 898-3:2018 + ISO 898-3:2018/Amd 1:2020)	Kinnitid. Süsinikterasest ja legeeritud terasest valmistatud kinnitite mehaanilised omadused. Osa 3: Spetsifitseeritud omadusklassidega tasapinnalised seibid

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2014/35/EL
Madalpinge
Komisjoni rakendusotsus 2024/2764
(EL Teataja 2024/L 31.10.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 60670-21:2007/A1:2023 Majapidamis- ja muude taoliste kohtkindlate elektripaigaldiste elektriseadmekastid ja -ümbrised. Osa 21: Erinõuded riputusseadistega varustatud kastidele ja ümbristele	31.10.2024		
EVS-EN IEC 60238:2018/A1:2018 Edisonkeermega lambipesad	31.10.2024		
EVS-EN IEC 60238:2018/A2:2021 Edisonkeermega lambipesad	31.10.2024		
EVS-EN IEC 60238:2018+A1+A2:2021 Edisonkeermega lambipesad	31.10.2024		
EVS-EN IEC 60335-2-51:2023 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele	31.10.2024	EN 60335-2-51:2003; EN 60335-2-51:2003/A1:2008; EN 60335-2-51:2003/A2:2012	30.04.2026
EVS-EN IEC 60335-2-51:2023/A11:2023 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele	31.10.2024		
EVS-EN IEC 60335-2-84:2021/A12:2023 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-84: Erinõuded tualetiseadmetele	31.10.2024		
EVS-EN IEC 61851-1:2019/AC:2023 Elektrisõidukite juhtivuslik laadimissüsteem. Osa 1: Üldnõuded	31.10.2024		