

EVS

TEATAJA

Avaldatud 03.06.2024

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS JUHEND 6:2024

Standardimise tehnilise komitee ja projektkomitee asutamine ning töökord Establishment and working procedures of standardisation technical committee and project committee

See juhend kehtestab nõuded Eesti Standardimis- ja Akrediteerimiskeskuse (edaspidi lühendatult EVS) juures registreeritud standardimise tehnilise komitee ja projektkomitee asutamisele, tegutsemisele ning tegevuse lõpetamisele.

Keel: et

Asendab dokumenti: EVS JUHEND 6:2021

EVS-EN ISO 4172:2024

Toote tehniline dokumentatsioon (TTD). Ehitusdokumentatsioon. Joonised monteeritavate konstruktsioonide koostamiseks Technical product documentation (TPD) - Construction documentation - Drawings for the assembly of prefabricated structures (ISO 4172:2024)

See dokument määrab kindlaks ehitusjooniste koostamise üldnõuded, mis on ette nähtud ehitiste ja rajatiste monteeritavate valmistoodete kokkupanemiseks töömaal.

Keel: en, et

Alusdokumendid: EN ISO 4172:2024; ISO 4172:2024

Asendab dokumenti: EVS-EN ISO 4172:1999

EVS-ISO 9:2011/A1:2024

Informatsioon ja dokumentatsioon. Kirillitsa transliteerimine ladina keelde. Slaavi ja mitte-slaavi keeled. Muudatus 1 Information and documentation — Transliteration of Cyrillic characters into Latin characters — Slavic and non-Slavic languages — Amendment 1 (ISO 9:1995/Amd 1:2024, identical)

Standardi EVS-ISO 9:2011 muudatus.

Keel: en

Alusdokumendid: ISO 9:1995/Amd 1:2024

Muudab dokumenti: EVS-ISO 9:2011

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

EVS-ISO/IEC 20000-1:2024

Infotehnoloogia. Teenusehaldus. Osa 1: Teenusehalduse süsteemi nõuded Information technology -- Service management -- Part 1: Service management system requirements (ISO/IEC 20000-1:2018, identical + ISO/IEC 20000-1:2018/Amd 1:2024, identical)

1.1 Üldist

See dokument määratleb nõuded organisatsioonile teenusehalduse süsteemi (SMS) loomiseks, rakendamiseks, hooldamiseks ja pidevaks täiustamiseks. Dokumentis määratletud nõuded hõlmavad teenuste plaanimist, kavandamist, üleminekut, tarnimist ja täiustamist, et täita teenusenõudeid ja pakkuda väärtust. Dokumenti saavad kasutada

- a) klient, kes otsib teenuseid ja vajab tagatist nende teenuste kvaliteedi kohta;
- b) klient, kes nõuab järjekindlat lähenemist teenuse elutsüklile kõigilt oma teenusepakkujatelt, sealhulgas tarneahelasse kuuluvatelt;
- c) organisatsioon, et näidata oma suutvust teenuste plaanisel, kavandamisel, teenustele üleminekul, teenuste osutamisel ja täiustamisel;
- d) organisatsioon oma SMS-i ja teenuste seireks, mõõtmiseks ja läbivaatamiseks;
- e) organisatsioon teenuste plaanamise, kavandamise, teenustele ülemineku, teenuste osutamise ja täiustamise parandamiseks SMS-i tõhusa rakendamise ja toimimise kaudu;
- f) organisatsioon või muu osapool, kes teeb vastavushindamisi selles dokumentis sätestatud nõuete alusel;
- g) teenusehalduse koolituse või nõustamise pakkuja.

Selles dokumentis kasutatud termin „teenus“ viitab SMS-i käsitlusalasale kuuluvale teenusele või teenustele. Dokumentis kasutatud termin „organisatsioon“ viitab SMS-i käsitlusalasale kuuluvale organisatsioonile, mis haldab ja osutab klientidele teenuseid. SMS-i käsitlusalas olev organisatsioon võib olla osa suuremast organisatsioonist, näiteks suuretevõtte osakond. Organisatsiooni või organisatsiooni osa, mis haldab ja osutab teenust või teenuseid sise- või välisklientidele, võib nimetada ka teenusepakkujaks. Selles dokumentis eristatakse selgelt terminite „teenus“ või „organisatsioon“ muudel eesmärkidel kasutamist.

1.2 Rakendus

Kõik dokumendis määratletud nõuded on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata organisatsiooni tüübist või suurusest või osutatavate teenuste olemusest. Peatükkides 4 kuni 10 esitatud nõuete vältamine ei ole vastuvõetav, kui organisatsioon väidab oma vastavust sellele dokumendile, olenemata organisatsiooni olemusest. Selles dokumendis sätestatud nõuetele vastavust saab tõendada organisatsioon ise, esitades tõendused nõuete täitmisest. Organisatsioon ise tõendab vastavust peatükkidele 4 ja 5. Samas võivad ka teised osapooled organisatsiooni toetada. Näiteks võib teine osapool läbi viia organisatsiooni nimel siseauditeid või toetada SMS-i loomist.

Teise võimalusena võib organisatsioon tõendada, et ta vastutab dokumendis määratletud nõuete täitmise eest ja tõendab järelevalve toimimist, kui teised osapooled on kaasatud peatükkide 6–10 nõuete täitmisesse (vt 8.2.3). Näiteks võib organisatsioon tõendada järelevalve olemasolu teise osapoole, mis pakub infrastruktuuri teenuse komponente või klienditeenindust, sealhulgas intsidentide halduseprotsessi, tegevuste üle.

Organisatsioon ei saa tõendada vastavust selles dokumendis sätestatud nõuetele, kui kõigi SMS-i käsitlusalasse kuuluvate teenuste, teenusekomponentide või protsesside pakkumiseks või käitamiseks kasutatakse teisi osapooli.

Selle dokumendi käsitlusala ei hõlma toodete või tööriistade spetsifikatsioone. Seda dokumenti saab aga kasutada SMS-i toimimist toetavate toodete või tööriistade väljatöötamisel või hankimisel.

Keel: en, et

Alusdokumendid: ISO/IEC 20000-1:2018; ISO/IEC 20000-1:2018/Amd 1:2024

Asendab dokumenti: EVS-ISO/IEC 20000-1:2013

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 15213-3:2024

Microbiology of the food chain - Horizontal method for the detection and enumeration of Clostridium spp. - Part 3: Detection of Clostridium perfringens (ISO/TS 15213-3:2024)

This document specifies the detection of Clostridium (C.) perfringens.

This document is applicable to:

- products intended for human consumption;
- products intended for animal feeding;
- environmental samples in the area of food and feed production and handling;
- samples from the primary production stage.

This horizontal method was originally developed for the examination of all samples belonging to the food chain. Based on the information available at the time of publication of this document, this method is considered to be fully suited to the examination of all samples belonging to the food chain. However, because of the large variety of products in the food chain, it is possible that this horizontal method is not appropriate in every detail for all products. Nevertheless, it is expected that the required modifications are minimized so that they do not result in a significant deviation from this horizontal method.

NOTE Interlaboratory studies with a small number of participating laboratories (<10) were conducted for the following food categories:

- ready-to-eat, ready-to-reheat meat products;
- eggs and egg products (derivates);
- ready-to-eat, ready-to-reheat fishery products;
- processed fruits and vegetables;
- infant formula and infant cereals (with probiotics);
- multi-component foods or meal components.

It has also been validated with a small number of participating laboratories for the following other category:

- environmental samples (food or feed production).

Since the method is not commonly used for samples in the primary production stage, this category was not included in the interlaboratory study. Therefore, no performance characteristics were obtained for this category. The method has not been validated for the category 'pet food and animal feed', as the test samples used for the interlaboratory study were already naturally contaminated with C. perfringens. Given the limited number of participating laboratories in the interlaboratory studies, the calculated performance characteristics can be used as indicative values of the method performance. For detailed information on the validation, see Clause 11 and Annexes C to F.

Keel: en

Alusdokumendid: ISO/TS 15213-3:2024; CEN ISO/TS 15213-3:2024

EVS-EN 17855:2024

Foodstuffs - Minimum performance requirements for quantitative measurement of the food allergens milk, egg, peanut, hazelnut, almond, walnut, cashew, pecan nut, brazil nut, pistachio nut, macadamia nut, wheat, lupine, sesame, mustard, soy, celery, fish, molluscs and crustaceans

This document specifies minimum performance requirements for methods that quantify the food allergens milk, egg, peanut, hazelnut, almond, brazil nut, macadamia nut, cashew, pistachio nut, walnut, pecan nut, lupine, sesame, mustard, soy, celery, fish, molluscs, crustaceans, and wheat in raw and processed foodstuffs. Within the scope of this document, minimum requirements for an LOQ (Limit of Quantification) will be derived from threshold data of allergic consumers. For quantitative

antibody-based methods, a normative annex will describe what specific information the method developer needs to deliver and how performance characteristics shall be validated. Regarding PCR and LC-MS/MS, information on performance characteristics are in parts covered by EN 15634-1 and EN 17644. This document does not apply to fragmented or hydrolysed food allergens, such as casein hydrolysates or soy sauce. It also does not apply to methods that deliver qualitative results only. Methods that cover gluten-containing cereals (wheat, rye, and barley) with regard to coeliac disease are covered by EN 17254.

Keel: en

Alusdokumendid: EN 17855:2024

11 TERVISEHOOLDUS

EVS-EN IEC 61223-3-8:2024

Evaluation and routine testing in medical imaging departments - Part 3-8: Acceptance and constancy tests - Imaging performance of X-ray equipment for radiography and radioscopy

IEC 61223-3-8:2024 applies to evaluation of the imaging performance and related quality control parameters of X-ray equipment for radiography and radioscopy that conform to IEC 60601-2-54:2022 or IEC 60601-2-43:2022.

This document applies to the evaluation of the imaging performance of the entire imaging chain from image acquisition, image processing and image display.

This document applies to acceptance tests and constancy tests, which are part of the quality assurance program in medical imaging departments and are intended to be performed by or under the responsibility of the responsible organization. A detailed discussion of the position of these tests within the medical radiological equipment lifecycle is provided in Clause A.2. The methods included rely mainly on non-invasive measurements that use appropriate test equipment and are performed after the installation is completed in accordance with the manufacturer's installation instructions.

IEC 60601-2-54:2022 and IEC 60601-2-43:2022 require information to be provided to the responsible organization with respect to quality control. This document provides guidance to manufacturers regarding the acceptance and constancy tests for the X-ray equipment in a manufacturer supplied quality control manual. Annex G provides guidance for such a manual.

Keel: en

Alusdokumendid: IEC 61223-3-8:2024; EN IEC 61223-3-8:2024

EVS-EN ISO 21388-2:2024

Acoustics - Hearing Aid Fitting Management - Part 2: Tele-services as part of hearing aid fitting management (tHAFM) (ISO 21388-2:2024)

This document is a supplement to ISO 21388 which applies to hearing aid fitting management (HAFM) services offered by hearing aid professionals (HAP). It focusses on tele-services which can substitute, or complement services defined in ISO 21388, and it defines services which is provided in the facilities of the HAP.

Moreover, this document specifies important preconditions such as education, facilities and systems that are required to ensure proper tele-services. If not other stated all definitions and requirements of ISO 21388 also apply for this document without further notice. Furthermore, it is tried to keep the structure of ISO 21388 to make it easier to use both standards together. It is recognized that certain populations with hearing loss such as children, persons with other disabilities or persons with implantable devices can require services outside the scope of this document.

Assisted tele-services provided by non-hearing aid professionals, self-fitting, and other non-hearing care related services are also outside the scope of this document.

Keel: en

Alusdokumendid: ISO 21388-2:2024; EN ISO 21388-2:2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 18040:2024

Stationary source emissions - Determination of the mass concentration of formaldehyde - Automatic method

This document specifies a measurement method based on an automatic method for determination of the mass concentration of formaldehyde in ducts and stacks emitting to the atmosphere. It specifies the sampling and gas conditioning system. Furthermore, it specifies the characteristics to be determined and the performance criteria to be fulfilled by portable automated measuring systems (P-AMS) using appropriate techniques to measure formaldehyde.

This method is intended for intermittent monitoring of formaldehyde emissions as well as for the calibration and validation of automated formaldehyde measuring systems.

The analyser is calibrated using test gases produced by a test gas generator.

Keel: en

Alusdokumendid: CEN/TS 18040:2024

EVS-EN 14325:2018+A1:2024

Kemikaalikindel kaitseriietus. Katsemeetodid ja kemikaalikindlate materjalide, õmbluste, ühenduskohtade ja kogumite klassifikatsioon

Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages

This European Standard specifies the performance classification and test methods for materials used in chemical protective clothing, including gloves and footwear. The gloves and boots should have the same chemical protective barrier requirements as the fabric when an integral part of the clothing. This is a reference standard to which chemical protective clothing performance standards may refer in whole or in part, but this standard is not exhaustive in the sense that product standards may well require testing according to test method standards which are not included in this standard. While these performance levels are intended to relate to the usage to which the chemical protective clothing is to be put, it is essential that the chemical protective clothing manufacturer or supplier indicate the intended use of the protective clothing and that the user (specifier) carries out a risk assessment in order to establish the correct performance level for the intended task.

Keel: en

Alusdokumendid: EN 14325:2018+A1:2024

Asendab dokumenti: EVS-EN 14325:2018

EVS-EN 14404-1:2024

Isikukaitsevahendid. Põlvekaitset põlviliasendis töötamiseks. Osa 1: Katsemeetodid Personal protective equipment - Knee protectors for work in the kneeling position - Part 1: Test methods

This document specifies the test methods for knee protectors intended to protect the knee while working in a kneeling position. This document does not apply to knee protectors that are medical devices or are intended for sports and motorcycles.

Keel: en

Alusdokumendid: EN 14404-1:2024

Asendab dokumenti: EVS-EN 14404:2004+A1:2010

EVS-EN 14404-2:2024

Isikukaitsevahendid. Põlvekaitset põlviliasendis töötamiseks. Osa 2: Nõuded kantavatele põlvekaitsetele (tüüp 1) Personal protective equipment - Knee protectors for work in the kneeling position - Part 2: Requirements for wearable knee protectors (type 1)

This document specifies requirements for wearable knee protectors (type 1) and performance levels for use when working in kneeling position in order to reduce injuries to the knees caused by continuous pressure and penetration. Requirements for the marking of wearable knee protectors and the information to be supplied by the manufacturer are given. Where protection against additional hazards is claimed, performance requirements from other standards are applicable.

This document does not apply to knee protectors that are medical devices or are intended for sports and motorcycles.

Keel: en

Alusdokumendid: EN 14404-2:2024

Asendab dokumenti: EVS-EN 14404:2004+A1:2010

EVS-EN 14404-3:2024

Isikukaitsevahendid. Põlvekaitset põlviliasendis töötamiseks. Osa 3: Nõuded põlvekaitsete ja rõivaste individuaalsele kombinatsioonile (tüüp 2) Personal protective equipment - Knee protectors for work in the kneeling position - Part 3: Requirements for the individual combination of knee pads and garments (type 2)

This document specifies requirements for the individual combination (type 2) of knee pads with garments and performance levels for use when working in a kneeling position in order to reduce injuries to the knees caused by continuous pressure and penetration. Requirements for the marking of knee pads and garments as well as the information to be supplied by the manufacturer are given. Where protection against additional hazards is claimed, performance requirements from other standards are applicable.

This document does not apply to knee protectors that are medical devices or are intended for sports and motorcycles. In this part, requirements are given for a specific combination of an individual pad and accordingly designed garment; these forms of knee protection are thus subject to a joint examination.

A combination of a garment with a fixed sized knee pad pocket and fixed sized knee pad (interoperable pad) is described in EN 14404 4 and is excluded from this part.

The position of type 2 knee pads in or on trousers can be fixed or adjustable. The pads consist of foam plastic or other materials that are positioned in knee pockets of the garments or permanently fastened in or on the garments.

Keel: en

Alusdokumendid: EN 14404-3:2024

Asendab dokumenti: EVS-EN 14404:2004+A1:2010

EVS-EN 14404-4:2024

Isikukaitsevahendid. Põlvekaitset põlviliasendis töötamiseks. Osa 4: Nõuded koostalitlusvõimeliste põlvekaitsete ja rõivaste kombinatsioonile (tüüp 2) Personal protective equipment - Knee protectors for work in the kneeling position - Part 4: Requirements for the combination of interoperable knee pads and garments (type 2)

This document specifies requirements for interoperable knee pads to use in garments and for garments to use with interoperable knee pads and defines performance levels for use when working in a kneeling position in order to reduce injuries

to the knees caused by continuous pressure and penetration. Requirements for the marking of the interoperable knee pad and the information to be supplied by the manufacturer are given. Where protection against additional hazards is claimed, performance requirements from other standards are applicable.

This document does not apply to knee protectors that are medical devices or are intended for sports and motorcycles. In this document requirements are given for a combination of a garment with a fixed sized knee pad pocket and fixed sized knee pad (interoperable pad).

A specific combination of an individual pad and accordingly designed garment is described in EN 14404 3 and is excluded from this part.

Keel: en

Alusdokumendid: EN 14404-4:2024

Asendab dokumenti: EVS-EN 14404:2004+A1:2010

EVS-EN 14404-5:2024

Isikukaitsevahendid. Põlvekaitset põlviliasendis töötamiseks. Osa 5: Nõuded põlvemattidele (tüüp 3)

Personal protective equipment - Knee protectors for work in the kneeling position - Part 5: Requirements for knee mats (type 3)

This document specifies requirements for knee protectors (knee mats (type 3)) and performance levels for use when working in a kneeling position in order to reduce injuries to the knees caused by continuous pressure and penetration. Requirements for the marking of knee mats and the information to be supplied by the manufacturer are given. Where protection against additional hazards is claimed, performance requirements from other standards are applicable.

This document does not apply to knee protectors that are medical devices or are intended for sports and motorcycles.

Keel: en

Alusdokumendid: EN 14404-5:2024

Asendab dokumenti: EVS-EN 14404:2004+A1:2010

EVS-EN 14404-6:2024

Isikukaitsevahendid. Põlvekaitset põlviliasendis töötamiseks. Osa 6: Nõuded põlvilisüsteemidele (tüüp 4)

Personal protective equipment - Knee protectors for work in the kneeling position - Part 6: Requirements for kneeling systems (type 4)

This document specifies requirements for knee protectors (kneeling systems (type 4)) and performance levels for use when working in a kneeling position in order to reduce injuries to the knees caused by continuous pressure and penetration. Requirements for the marking of kneeling systems and the information to be supplied by the manufacturer are given. Where protection against additional hazards is claimed, performance requirements from other standards are applicable. This document does not apply to knee protectors which are not attached to the body in use and that are medical devices or are intended for sports and motorcycles.

Keel: en

Alusdokumendid: EN 14404-6:2024

Asendab dokumenti: EVS-EN 14404:2004+A1:2010

EVS-EN 50528:2024

Insulating ladders for use on or near low voltage electrical installations

This document is applicable to portable ladders made only of non-conductive stiles, including accessories (pole leaning device, adjustable levelling device, adjustable ladder stabilizer, etc.) used to work on or near electrical systems and installations in the low voltage range (up to 1 000 V AC/1 500 V DC).

These ladders are used to provide temporary access, generally on overhead line structures, and to undertake electrical operations. They are expected to be used by one person only.

These ladders, in conjunction with other protective equipment provide sufficient insulation level to protect against inadvertent contact with live low voltage installations.

This document does not cover ladders used for live working on electrical installations at voltages above 1 000 V AC and above 1 500 V DC. These insulating ladders are separately covered by EN 61478.

This document does not cover products not made entirely with non-conductive stiles generally called mixed ladders. In this case the EN 131 series apply.

This document does not cover step stools, which are covered by EN 14183.

These ladders are only for specific professional use. Only skilled persons, after an appropriate training, can use this type of ladder for professional applications.

The products designed and manufactured according to this document contribute to the safety of the users provided they are used by skilled persons, in accordance with safe methods of work and the manufacturer instructions for use (where appropriate).

Annex E gives a rationale to explain how a ladder which fulfils the requirements of this document used with correct accessories gives better safety for the user than an ordinary ladder.

Keel: en

Alusdokumendid: EN 50528:2024

EVS-EN 50726-1:2024

Emergency and danger systems - Part 1: Emergency and danger response systems (EDRS) - Basic requirements, duties, responsibilities and activities

This document applies to the planning, installation, commissioning, operation and maintenance of an emergency and danger response system. An emergency and danger response system is part of an overall solution for dealing with specific events such as emergencies or crises.

This document

- specifies:
- technical processes and responsibilities for supporting all procedures from the registration of an event (emergency, danger) up to its final processing;
- the technical risk management including the definition of safety/security goals and the workflow organization as well as the necessary specifications regarding a technical risk management file;
- associated duties, responsibilities and activities as parts of an integrated overall risk management process to achieve the safety and security goals, effectiveness and efficiency as well as data and system safety/security;
- three different grades of safety/security, with the respective product functionalities required to achieve them;
- the basic requirements for emergency and danger response systems (EDRS) in public buildings such as education facilities (e.g. schools, universities), government facilities, kindergartens and similar facilities;
- the responsibilities under applicable national law about Safety and Health at Work Laws and thus particularly addresses the responsibility of employers;
- describes:
- the process of establishing, maintaining and updating a risk management file in which, inter alia, the technical risks are listed and evaluated and the residual technical risks are defined, resulting in the grade and structure of the EDRS;
- is intended to support the implementation of:
- National legal and other provisions (e.g. Act on Equal Opportunities for People with Disabilities, Safety and Health at Work Laws, education laws);
- gives relevant guidance on:
- the organizational risk management;
- does not replace the specifications of standards to the following systems:
- fire safety systems including, but not limited to, fire detection and fire alarm systems, fixed firefighting systems, smoke and heat control systems,
- security systems including, but not limited to, intrusion and hold-up alarm systems, electronic access control systems, external perimeter security systems and video surveillance systems,
- applicable national standards on call systems.

All such systems can, however, be integrated into an emergency and danger response system (EDRS), taking into account the relevant provisions made in the respective standards for such products and systems.

Other products and systems from the entire field of standardization, such as alarm systems, danger warning and danger alarm systems, escape routing systems, public address systems used to respond to a danger, can also be used in or integrated into an emergency and danger response system if the relevant requirements of the standards for such products or systems are met. This document does not specify any risk levels, in particular no acceptable residual risks. Technical risk management and organizational risk management are equal parts of the overall risk management.

This document is also applicable to non-public buildings with a similar risk and requirement for protection.

Keel: en

Alusdokumendid: EN 50726-1:2024

EVS-EN ISO 18187:2024

Soil quality - Contact test for solid samples using the dehydrogenase activity of *Arthrobacter globiformis* (ISO 18187:2024)

This document specifies a rapid method for assessing solid samples in an aerobic suspension, by determining the inhibition of dehydrogenase activity of *Arthrobacter globiformis* using the redox dye resazurin.

It is applicable for assessing the effect of water-soluble and solid matter bounded non-volatile contaminants in natural samples, such as soils and waste materials. Although not the main purpose, the contact test can additionally be used for testing the effect of chemicals, as described in the Annex C. The test yields a result within 6 h and can therefore be used for screening potentially contaminated test material.

Keel: en

Alusdokumendid: ISO 18187:2024; EN ISO 18187:2024

Asendab dokumenti: EVS-EN ISO 18187:2018

EVS-EN ISO 19085-6:2024

Puidutöötlusmasinad. Ohutus. Osa 6: Ühe spindliga vertikaalfreespingid Woodworking machines - Safety - Part 6: Single spindle vertical moulding machines (toupie) (ISO 19085-6:2024)

This document specifies the safety requirements and measures for single spindle vertical moulding machines (defined in 3.1), capable of continuous production use and hereinafter referred to also as "machines".

The machines are designed to cut solid wood and material with similar physical characteristics to wood.

This document deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to the machines when they are operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account.

This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with:

- a) device to adjust the arbor vertically;
- b) device to tilt the arbor;
- c) device to fit a manually operated tenoning sliding table;
- d) glass bead saw unit;
- e) adjustable table insert;
- f) device for changing the direction of rotation of the spindle;
- g) device for fixing shank mounted tools on the arbor;
- h) interchangeable arbor;
- i) quick tool/arbor change system;
- j) demountable power feed unit;
- k) support for the demountable power feed unit with power-driven adjustments.

This document does not apply to

- machines equipped with outboard bearings,
- machines equipped with powered movements of a front extension table and/or a tenoning sliding table.

This document is not applicable to machines intended for use in potentially explosive atmospheres or to machines manufactured prior to the date of its publication.

Keel: en

Alusdokumendid: ISO 19085-6:2024; EN ISO 19085-6:2024

Asendab dokumenti: EVS-EN ISO 19085-6:2017

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN IEC 62631-2-3:2024

Dielectric and resistive properties of solid insulating materials - Part 2-3: Relative permittivity and dissipation factor - Contact electrode method for insulating films - AC methods

IEC 62631-2-3:2024 specifies the measuring technology and the test method for the relative permittivity and dielectric dissipation factor of thin single layer insulating polymer film without any additional metallization on the sample surface. The adaptive thickness range is approximately 10 µm to 100 µm. The proposed frequency is the power frequency (50 Hz or 60 Hz), and it is also suitable in the technical frequency range from 1 Hz to 1 MHz.

Keel: en

Alusdokumendid: IEC 62631-2-3:2024; EN IEC 62631-2-3:2024

EVS-EN ISO 21388-2:2024

Acoustics - Hearing Aid Fitting Management - Part 2: Tele-services as part of hearing aid fitting management (tHAFM) (ISO 21388-2:2024)

This document is a supplement to ISO 21388 which applies to hearing aid fitting management (HAFM) services offered by hearing aid professionals (HAP). It focusses on tele-services which can substitute, or complement services defined in ISO 21388, and it defines services which is provided in the facilities of the HAP.

Moreover, this document specifies important preconditions such as education, facilities and systems that are required to ensure proper tele-services. If not other stated all definitions and requirements of ISO 21388 also apply for this document without further notice. Furthermore, it is tried to keep the structure of ISO 21388 to make it easier to use both standards together. It is recognized that certain populations with hearing loss such as children, persons with other disabilities or persons with implantable devices can require services outside the scope of this document.

Assisted tele-services provided by non-hearing aid professionals, self-fitting, and other non-hearing care related services are also outside the scope of this document.

Keel: en

Alusdokumendid: ISO 21388-2:2024; EN ISO 21388-2:2024

19 KATSETAMINE

EVS-EN IEC 60721-3-9:2024

Classification of environmental conditions - Part 3-9: Classification of groups of environmental parameters and their severities - Microclimates inside products

IEC 60721-3-9:2024 classifies groups of microclimatic conditions, to which components (basic parts, assemblies, built-in units) can be subjected inside products, which are used under the climatic conditions as classified in IEC 60721-3-3 and IEC 60721-3-4.

This second edition cancels and replaces the first edition published in 1993, Amendment 1:1994 and Corrigendum 1:1995. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Clause 2 has been updated;
- b) Clause 4 has been re-edited and simplified;
- c) Annex A has been revised and updated;
- d) a new Annex B has been added and gives the origin of the constitutional diagram for humid air, which is the basis of drawing the climatogram for a microclimate.

Keel: en

Alusdokumendid: IEC 60721-3-9:2024; EN IEC 60721-3-9:2024

Asendab dokumenti: EVS-EN 60721-3-9:2002

Asendab dokumenti: EVS-EN 60721-3-9:2002/A1:2006

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13322-1:2024

Transportable gas cylinders - Refillable welded steel gas cylinders - Design and construction - Part 1: Carbon steel

This document specifies minimum requirements concerning material, design, construction and workmanship, manufacturing processes and testing of refillable transportable welded carbon steel gas cylinders of water capacities up to and including 150 l for compressed, liquefied and dissolved gases.

For acetylene service, additional requirements for the cylinder and basic requirements for the porous material are given in EN ISO 3807. For cylinder shells for acetylene service manufactured from high frequency induction (HFI) welded steel tubes by spinning of the end, the requirements are given in Annex A.

This document is primarily applicable to industrial gases other than LPG but can also be applied for LPG. However for dedicated LPG cylinders, see EN 1442.

Keel: en

Alusdokumendid: EN 13322-1:2024

Asendab dokumenti: EVS-EN 13322-1:2003

Asendab dokumenti: EVS-EN 13322-1:2003/A1:2006

EVS-EN 14620-1:2024

Design and manufacture of site built, vertical, cylindrical, flat-bottomed tank systems for the storage of refrigerated, liquefied gases with operating temperatures between 0 °C and -196 °C - Part 1: General

This document is a specification for vertical, cylindrical tank systems, built on site, above ground and of which either the primary liquid container or the liquid tight barrier is made of steel. The secondary liquid container, if applicable, can be of steel or of concrete or a combination of both. A primary liquid container made of pre-stressed concrete is excluded from the scope of this document.

This document provides general requirements and specifies principles and application rules for the structural design of the tank system during construction, testing, commissioning, operation (accidental included), and decommissioning. This document applies to all tank system components attached to and located within the liquid, vapour, purge gas, membrane or membrane tank outer containers of the tank system. It does not address the requirements for ancillary equipment such as pumps, pumpwells, valves, instrumentation, external staircases and walkways, roof mounted platforms, external pipe supports, etc. The requirements for those components are covered by the relevant European Standards, structurally designed in accordance with Eurocodes where appropriate, and meeting applicable safety regulations.

This document also does not address tank system operating procedures unless specified for determination of the relevant resistance and protection criteria for the tank systems. It specifies minimum performance requirements for the tank system, tank system foundation and protection systems. From a process piping standpoint, the scope of this document is limited to the following boundaries:

- a) the face of the first flange outside of the tank in bolted flanged connection;
- b) the first threaded joint outside of the tank in threaded connection;
- c) the first circumferential pipe welded joint outside of the tank in welding-end pipe connection, which does not have a flange.

This document is applicable to storage tank systems designed to store products, having an atmospheric boiling point below ambient temperature, in a dual phase, i.e. liquid and vapour. The equilibrium between liquid and vapour phases being maintained by cooling down the product to a temperature equal to, or just below, its atmospheric boiling point in combination with a slight overpressure in the storage tank system.

The maximum design pressure of the tank systems covered by this document is limited to 500 mbar. For higher pressures, reference can be made to EN 13445, Parts 1 to 5.

The operating range of the gases to be stored is between 0 °C and –196°C.

The tank systems covered by this document are used to store large volumes of hydrocarbon products, ammonia and other non-hydrocarbon gases with low temperature boiling points, generally called "Refrigerated Liquefied Gases" (RLGs). Typical products stored in the tank systems are: methane, ethane, propane, butane, ethylene, propylene, butadiene (this range includes the Liquefied Natural Gas (LNG's) and Liquefied Petroleum Gas (LPG's)), ammonia, nitrogen, oxygen and argon.

NOTE 1 Properties of the gases are given in Annex A.

The requirements of this document cannot cover all details of design and construction because of the variety of sizes and configurations that may be employed. Where complete requirements for a specific design are not provided, the intention is for the designer, subject to approval of the purchaser's authorized representative and of the regulatory body, to provide design and details that are as safe as those laid out in this document.

EN 14620 consists of multiple parts. This document specifies general requirements for the tank system concept, selection and general design considerations.

In case of a conflict between general requirements of this document and the requirements in other parts of EN 14620 related to a specific liquefied gas, the product-specific requirements set forth in the other parts prevail.

Keel: en

Alusdokumendid: EN 14620-1:2024

Asendab dokumenti: EVS-EN 14620-1:2006

EVS-EN 17821:2023/AC:2024

Building valves - Frost resistant taps for outdoor use (FRT) - General technical specification

This document specifies:

- general construction, performance and material requirements for Frost Resistant Taps for outdoor use (FRT), PN 10.
- the application in the potable water installation with a static pressure of maximum 1,0 MPa (10 bar) and a distribution temperature of maximum 25 °C (PWC).

FRT valves shall consist of the 3 areas shown in Figure 1.

The conditions of use are according to the following Table 1.

The requirements with regard to the potable water quality are specified in national regulations.

Keel: en

Alusdokumendid: EN 17821:2023/AC:2024

Parandab dokumenti: EVS-EN 17821:2023

25 TOOTMISTEHNOLLOOGIA

EVS-EN IEC 61784-5-12:2024

Industrial networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12

IEC 61784-5-12:2024 specifies the installation profile for CPF 12 (EtherCAT™). The installation profile is specified in Annex A. This annex is read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

EtherCAT™ is a trade name of Beckhoff, Verl. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance to this profile does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-12:2024; EN IEC 61784-5-12:2024

Asendab dokumenti: EVS-EN IEC 61784-5-12:2018

EVS-EN IEC 61784-5-19:2024

Industrial networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19

IEC 61784-5-19:2024 specifies the installation profile for CPF 19 (MECHATROLINK™[1]). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

[1] MECHATROLINK™ and Σ-LINK™ II are trade names of YASKAWA ELECTRIC CORPORATION. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trade names holder or any of its products. Compliance to this profile does not require use of the trade names. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-19:2024; EN IEC 61784-5-19:2024
Asendab dokumenti: EVS-EN 61784-5-19:2014

EVS-EN IEC 61784-5-2:2018/A1:2024

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

Amendment to EN IEC 61784-5-2:2018

Keel: en

Alusdokumendid: IEC 61784-5-2:2018/AMD1:2024; EN IEC 61784-5-2:2018/A1:2024
Muudab dokumenti: EVS-EN IEC 61784-5-2:2018

EVS-EN IEC 61784-5-3:2018/A1:2024

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

Amendment to EN IEC 61784-5-3:2018

Keel: en

Alusdokumendid: IEC 61784-5-3:2018/AMD1:2024; EN IEC 61784-5-3:2018/A1:2024
Muudab dokumenti: EVS-EN IEC 61784-5-3:2018

EVS-EN IEC 61784-5-6:2024

Industrial networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

IEC 61784-5-6:2024 specifies the installation profiles for CPF 6 (INTERBUSTM)[1]. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

[1] INTERBUSTM is a trade name of INTERBUS Club, an independent organisation of users and vendors of INTERBUS products. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance to this profile does not require use of the trade name INTERBUS. Use of the trade name INTERBUS requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-6:2024; EN IEC 61784-5-6:2024
Asendab dokumenti: EVS-EN IEC 61784-5-6:2018

EVS-EN IEC 61784-5-8:2024

Industrial networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8

IEC 61784-5-8:2024 specifies the installation profiles for CPF 8 (CC-Link™[1]). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

[1] CC-Link™, CC-Link/LT™ and CC-Link IE™ are trade names of Mitsubishi Electric Co., control of trade name use is given to CCLink Partner Association. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance to this profile does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-8:2024; EN IEC 61784-5-8:2024
Asendab dokumenti: EVS-EN IEC 61784-5-8:2018

EVS-EN IEC 62841-4-6:2024

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 4-6: Erinõuded aiapuhuritele ja -imuritele ning puhur-imuritele Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums

This clause of Part 1 is applicable, except as follows:

Addition:

This document applies to hand-held and backpack

- garden blowers;
- garden vacuums; and
- garden blower/vacuums.

This document does not apply to

- walk-behind garden blowers, walk-behind garden vacuums and walk-behind garden blower/vacuums;
- robotic garden blowers, robotic garden vacuums and robotic garden blower/vacuums; and

- vacuum cleaners intended primarily for use indoors, for water suction cleaning or animal grooming.

NOTE 101 Vacuum cleaners and water-suction cleaning appliances, including vacuum cleaners for animal grooming are covered by IEC 60335-2-2.

NOTE 102 Vacuum cleaners for commercial use are covered by IEC 60335-2-69.

Keel: en

Alusdokumendid: IEC 62841-4-6:2022; EN IEC 62841-4-6:2024

EVS-EN IEC 62841-4-6:2024/A11:2024

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 4-6: Erinõuded aiapuhuritele ja -imuritele ning puhur-imuritele Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums

Amendment to EN IEC 62841-4-6:2024

Keel: en

Alusdokumendid: EN IEC 62841-4-6:2024/A11:2024

Muudab dokumenti: EVS-EN IEC 62841-4-6:2024

EVS-EN ISO 12224-1:2024

Solder wire, solid and flux-cored - Specification and test methods - Part 1: Classification and performance requirements (ISO 12224-1:2024)

This document specifies a coding system for the classification and designation of solid and flux-cored solder wire, and the performance requirements to be met by flux-cored wire and its constituents. Requirements for sampling, labelling and packaging are also specified.

Keel: en

Alusdokumendid: ISO 12224-1:2024; EN ISO 12224-1:2024

Asendab dokumenti: EVS-EN ISO 12224-1:1999

EVS-EN ISO 12224-2:2024

Solder wire, solid and flux-cored - Specification and test methods - Part 2: Determination of flux content (ISO 12224-2:2024)

This document specifies two methods for the determination of the flux content of a sample flux-cored solder wire.

Keel: en

Alusdokumendid: ISO 12224-2:2024; EN ISO 12224-2:2024

Asendab dokumenti: EVS-EN ISO 12224-2:1999

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN/TS 15502-3-1:2024

Gas-fired central heating boilers - Part 3-1: H2NG and ACCF - Expansion of EN 15502-2-1:2022

EN 15502-2-1:2022, Clause 1 applies with the following modifications:
Add after k):

l) which are fully premixed appliances equipped with an Adaptive Combustion Control Function (ACCF) that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance including gas grids for natural gases of the second family where up to 20% hydrogen volume is added to the natural gas (H2NG-Y20).

m) which are fully premixed appliances equipped with a Pneumatic Gas Air Ratio controller (PGAR) that are intended to be connected to gas grids for natural gases of the second family where up to 20% hydrogen volume is added to the natural gas (H2NG-Y20), where the quality of the distributed gas without adding the hydrogen is not likely to vary to a large extent over the lifetime of the appliance.

Replace ab) and ak) and al) by the following:

ab) appliances that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance (see Annex AB of EN 15502-1:2021), except for fully premixed appliances with a ACCF, as ACCF appliances are designed to adapt to variations in gas quality.

ak) appliances that are intended to burn natural gases of the second family where hydrogen is added to the natural gas, except for fully premixed appliances with a ACCF or PGAR (which are covered by this document);

al) Partially premixed appliances equipped with an adaptive combustion control function (ACCF).

Keel: en

Alusdokumendid: CEN/TS 15502-3-1:2024

EVS-EN 12309-3:2024

Gaasitoitel absorptsioonseadmed kütteks ja/või jahutuseks kuni 70 kW kasuliku soojuskoormusega. Osa 3: Nõuded, katsetingimused ja -meetodid Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 3: Requirements, test conditions and test methods

1.1 Scope of EN 12309 series

Appliances covered by this document include one or a combination of the following:

- gas-fired sorption chiller;
- gas-fired sorption chiller/heater;
- gas-fired sorption heat pump;
- hybrids based on gas sorption appliances.

This document applies to appliances designed to be used for space heating or cooling or refrigeration with or without heat recovery.

This document applies to appliances having flue gas systems of Type B and Type C (according to EN 1749:2020) and to appliances designed for outdoor installations, including Type A.

EN 12309 does not apply to air conditioners, it only applies to appliances having:

- integral burners under the control of fully automatic burner control systems;
- closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated;
- mechanical means to assist transportation of the combustion air and/or the flue gas.

The above appliances can have one or more primary or secondary functions (i.e. heat recovery - see definitions in EN 12309-1:2023).

In the case of packaged units (consisting of several parts), this document applies only to those designed and supplied as a complete package.

The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by EN 12309.

Installations used for heating and/or cooling of industrial processes are not within the scope of EN 12309. All the symbols given in this text are to be used regardless of the language used.

1.2 Scope of this Part 3 of EN 12309

This part of EN 12309 specifies the requirements, test methods and conditions for gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW.

This part of EN 12309 deals particularly with test protocols and tools to calculate the capacity, the gas utilization efficiency and the electrical power input of the appliance. This data can be used in particular to calculate the seasonal efficiency of the appliance.

Keel: en

Alusdokumendid: EN 12309-3:2024

Asendab dokumenti: EVS-EN 12309-3:2015

Asendab dokumenti: EVS-EN 12309-4:2015

Asendab dokumenti: EVS-EN 12309-5:2015

EVS-EN IEC 62282-6-107:2024

Fuel cell technologies - Part 6-107: Micro fuel cell power systems - Safety - Indirect water-reactive (Division 4.3) compounds

IEC 62282-6-107:2024 covers micro fuel cell power systems, micro fuel cell power units and fuel cartridges using hydrogen produced from water-reactive (UN Division 4.3) compounds as fuel. These systems and units use proton exchange membrane (PEM) fuel cell technologies. The designs can include fuel processing subsystems to derive hydrogen gas from the water-reactive fuel formulation.

This document only applies to water-reactive (UN Division 4.3) solid compounds which solely evolve hydrogen gas upon contact with water (or non-hazardous aqueous solutions). This document does not apply to compounds with a subsidiary hazard risk, or which are not permitted to be transported by air according to the International Civil Aviation Organization (ICAO) Technical Instructions.

Keel: en

Alusdokumendid: IEC 62282-6-107:2024; EN IEC 62282-6-107:2024

EVS-EN ISO 12183:2024

Nuclear fuel technology - Controlled-potential coulometric measurement of plutonium (ISO 12183:2024)

This document specifies an analytical method for the electrochemical measurement of pure plutonium nitrate solutions of nuclear grade, with an expanded uncertainty not exceeding $\pm 0,2\%$ at the confidence level of 0,95 for a single determination (coverage factor, $k = 2$). The method is applicable for aqueous solutions containing plutonium at more than 0,5 g/l and test samples containing plutonium between 4 mg and 15 mg. Application of this technique to solutions containing plutonium at less

than 0,5 g/l and test samples containing plutonium at less than 4 mg requires experimental demonstration by the user that applicable data quality objectives will be met.

Keel: en

Alusdokumendid: ISO 12183:2024; EN ISO 12183:2024

Asendab dokumenti: EVS-EN ISO 12183:2019

EVS-EN ISO 6806:2024

Rubber hoses and hose assemblies for use in oil burners - Specification (ISO 6806:2024)

This document specifies the minimum requirements for rubber hoses and hose assemblies for use in oil burners.

The following two types of hose assembly are specified:

— Type 1: Hose assemblies for flux and reflux, but not for insertion between the oil burner pump and the atomizing connection; maximum working pressure 1,0 MPa (10 bar); maximum oil temperature 100 °C;

— Type 2: Hose assemblies for insertion between the oil burner pump and the atomizing connection; maximum working pressure 4,0 MPa (40 bar); maximum oil temperature 100 °C.

The hose assemblies specified in this document are not intended to be used, without special assessment, for purposes other than oil burner installations.

Keel: en

Alusdokumendid: ISO 6806:2024; EN ISO 6806:2024

Asendab dokumenti: EVS-EN ISO 6806:2017

29 ELEKTROTEHNIKA

EVS-EN 60317-67:2017/A1:2024

Specifications for particular types of winding wires - Part 67: Polyvinyl acetal enamelled rectangular aluminium wire, class 105

Amendment to EN 60317-67:2017

Keel: en

Alusdokumendid: IEC 60317-67:2017/AMD1:2024; EN 60317-67:2017/A1:2024

Muudab dokumenti: EVS-EN 60317-67:2017

EVS-EN 61427-2:2015/A1:2024

Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 2: On-grid applications

Amendment to EN 61427-2:2015

Keel: en

Alusdokumendid: IEC 61427-2:2015/AMD1:2024; EN 61427-2:2015/A1:2024

Muudab dokumenti: EVS-EN 61427-2:2015

EVS-EN 62386-302:2017/A1:2024

Digital addressable lighting interface - Part 302: Particular requirements - Input devices - Absolute input devices

Amendment to EN 62386-302:2017

Keel: en

Alusdokumendid: IEC 62386-302:2017/AMD1:2024; EN 62386-302:2017/A1:2024

Muudab dokumenti: EVS-EN 62386-302:2017

EVS-EN 62386-302:2017+A1:2024

Digital addressable lighting interface - Part 302: Particular requirements - Input devices - Absolute input devices (IEC 62386-302:2017 + IEC 62386-302:2017/AMD1:2024)

This part of IEC 62386 is applicable to input devices that provide the lighting control system with absolute switch, slider or rotary switch information, such as a position between start and end points.

This document is only applicable to input devices complying with IEC 62386-103:2022.

Keel: en

Alusdokumendid: IEC 62386-302:2017; EN 62386-302:2017; IEC 62386-302:2017/AMD1:2024; EN 62386-302:2017/A1:2024

Konsolideerib dokumenti: EVS-EN 62386-302:2017

Konsolideerib dokumenti: EVS-EN 62386-302:2017/A1:2024

EVS-EN 62386-303:2017/A1:2024

Digital addressable lighting interface - Part 303: Particular requirements - Input devices - Occupancy sensor

Amendment to EN 62386-303:2017

Keel: en

Alusdokumendid: IEC 62386-303:2017/AMD1:2024; EN 62386-303:2017/A1:2024

Muudab dokumenti: EVS-EN 62386-303:2017

EVS-EN 62386-303:2017+A1:2024

Digital addressable lighting interface - Part 303: Particular requirements - Input devices - Occupancy sensor (IEC 62386-303:2017 + IEC 62386-303:2017/AMD1:2024)

This part of IEC 62386 is applicable to input devices that provide occupancy information to the lighting control system through movement or presence sensing.

This document is only applicable to input devices complying with IEC 62386-103:2022.

Keel: en

Alusdokumendid: IEC 62386-303:2017; EN 62386-303:2017; IEC 62386-303:2017/AMD1:2024; EN 62386-303:2017/A1:2024

Konsolideerib dokumenti: EVS-EN 62386-303:2017

Konsolideerib dokumenti: EVS-EN 62386-303:2017/A1:2024

EVS-EN 62386-304:2017/A1:2024

Digital addressable lighting interface - Part 304: Particular requirements - Input devices - Light sensor

Amendment to EN 62386-304:2017

Keel: en

Alusdokumendid: IEC 62386-304:2017/AMD1:2024; EN 62386-304:2017/A1:2024

Muudab dokumenti: EVS-EN 62386-304:2017

EVS-EN 62386-304:2017+A1:2024

Digital addressable lighting interface - Part 304: Particular requirements - Input devices - Light sensor (IEC 62386-304:2017 + IEC 62386-304:2017/AMD1:2024)

This part of IEC 62386 is applicable to input devices that provide illuminance level information to the lighting control system through light level sensing.

This document is only applicable to input devices complying with IEC 62386-103:2022.

Keel: en

Alusdokumendid: IEC 62386-304:2017; EN 62386-304:2017; IEC 62386-304:2017/AMD1:2024; EN 62386-304:2017/A1:2024

Konsolideerib dokumenti: EVS-EN 62386-304:2017

Konsolideerib dokumenti: EVS-EN 62386-304:2017/A1:2024

EVS-EN 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 incorporating electric light sources for operation from supply voltages up to 1 000 V. It also specifies requirements for recessed air-handling luminaires for use with a ventilation duct or ventilated space (plenum).

NOTE The expressions "ventilation" and "ventilated" in this section refer to forced ventilation.

Keel: en

Alusdokumendid: IEC 60598-2-2:2023; EN IEC 60598-2-2:2024

Asendab dokumenti: EVS-EN 60598-2-2:2012

EVS-EN IEC 61820-1-2:2024

Electrical installations for lighting and beaconing of aerodromes - Part 1-2: Fundamental principles - Particular requirements for series circuits

IEC 61820-1-2:2024 describes requirements for AGL systems including power supplies, transformation of energy, cables, and any electrical component utilized to produce the light intended to be used as a visual aid for air and ground navigation based on IEC 61820-1, complemented with series circuit specific topics.

Keel: en

Alusdokumendid: IEC 61820-1-2:2024; EN IEC 61820-1-2:2024

EVS-EN IEC 62501:2024

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing

IEC 62501:2024 applies to self-commutated converter valves, for use in a three-phase bridge voltage sourced converter (VSC) for high voltage DC power transmission or as part of a back-to-back link, and to dynamic braking valves. It is restricted to electrical type and production tests. This document can be used as a guide for testing of high-voltage VSC valves used in energy storage systems (ESS). The tests specified in this document are based on air insulated valves. The test requirements and acceptance criteria can be used for guidance to specify the electrical type and production tests of other types of valves.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Conditions for use of evidence in lieu are inserted as a new Table 1;
- b) Test parameters for valve support DC voltage test, 7.3.2, and MVU DC voltage test, 8.4.1, updated;
- c) AC-DC voltage test between valve terminals, Clause 9, is restructured and alternative tests, by individual AC and DC voltage tests, added in 9.4.2;
- d) Partial discharge test in routine test program is removed;
- e) More information on valve component fault tolerance, Annex B, is added;
- f) Valve losses determination is added as Annex C.

Keel: en

Alusdokumendid: IEC 62501:2024; EN IEC 62501:2024

Asendab dokumenti: EVS-EN 62501:2009

Asendab dokumenti: EVS-EN 62501:2009/A1:2014

Asendab dokumenti: EVS-EN 62501:2009/A2:2017

EVS-EN IEC 62631-2-3:2024

Dielectric and resistive properties of solid insulating materials - Part 2-3: Relative permittivity and dissipation factor - Contact electrode method for insulating films - AC methods

IEC 62631-2-3:2024 specifies the measuring technology and the test method for the relative permittivity and dielectric dissipation factor of thin single layer insulating polymer film without any additional metallization on the sample surface. The adaptive thickness range is approximately 10 µm to 100 µm. The proposed frequency is the power frequency (50 Hz or 60 Hz), and it is also suitable in the technical frequency range from 1 Hz to 1 MHz.

Keel: en

Alusdokumendid: IEC 62631-2-3:2024; EN IEC 62631-2-3:2024

31 ELEKTROONIKA

EVS-EN IEC 61189-2-805:2024

Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-805: X/Y CTE test for thin base materials by TMA

This part of IEC 61189 defines the method to be followed for the determination of the X/Y coefficient of thermal expansion of thin electrical insulating materials via the use of a thermomechanical analyser (TMA). This method is applicable to materials that are solid for the entire range of temperature used, and that retain sufficient rigidity over the temperature range so that irreversible indentation of the specimen by the sensing probe does not occur.

Keel: en

Alusdokumendid: IEC 61189-2-805:2024; EN IEC 61189-2-805:2024

EVS-EN IEC 61643-332:2024

Components for low-voltage surge protection - Part 332: Selection and application principles for metal oxide varistors (MOV)

IEC 61643-332:2024 describes the theory of operation, principles for the selection and application of MOVs to be connected to power lines or telecommunication or signalling circuits, up to 1 000 V AC or 1 500 V DC. These SPCs are designed to protect apparatus or personnel, or both, from high transient voltages. This document applies to MOVs having two electrodes and voltage dependents elements with or without disconnectors. It does not apply to assemblies that include MOVs and their influence on the MOV's characteristics. This standard specifically discusses the zinc-oxide type of MOVs.

Keel: en

Alusdokumendid: IEC 61643-332:2024; EN IEC 61643-332:2024

33 SIDETEHNIKA

EVS-EN 301 908-3 V15.1.1:2024

IMT kõrgvõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 3. CDMA otsese hajutamise (UTRA FDD) baasjaamad (BS). Versioon 15 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS). Release 15

The present document specifies technical characteristics and methods of measurements for types of radio equipment:

- Base Stations for IMT 2000 CDMA Direct Spread (UTRA FDD).

These radio equipment types are capable of operating in whole or any part of the operating band(s) given in table 1-1.

Table 1-1: UTRA FDD Base Station operating bands

UTRA FDD band; Direction of transmission UTRA FDD Base Station operating bands; Related EC/ECC decision.

I; Transmit 2 110 MHz to 2 170 MHz/Receive 1 920 MHz to 1 980 MHz; (EU) 2020/667 and ECC/DEC/(06)01.

III; Transmit 1 805 MHz to 1 880 MHz/Receive 1 710 MHz to 1 785 MHz; (EU) 2022/173 and ECC/DEC/(06)13.

VII; Transmit 2 620 MHz to 2 690 MHz/Receive 2 500 MHz to 2 570 MHz; (EU) 2020/636 and ECC/DEC/05(05).

VIII; Transmit 925 MHz to 960 MHz/Receive 880 MHz to 915 MHz; (EU) 2022/173 and ECC/DEC/(06)13.

XX; Transmit 791 MHz to 821 MHz/Receive 832 MHz to 862 MHz; 2010/267/EU and ECC/DEC/(09)03.

XXII; Transmit 3 510 MHz to 3 590 MHz/Receive 3 410 MHz to 3 490 MHz; (EU) 2019/235 and ECC/DEC/11(06).

XXXII (see note); Transmit 1 452 MHz to 1 496 MHz/Receive -; (EU) 2018/661 and ECC/DEC/(13)03.

NOTE: Radio equipment in band XXXII only operates in transmit mode (downlink only). Only transmitter requirements are applicable.

The present document covers conducted requirements for UTRA Base Stations for 3GPP Release 15. Additionally, it includes requirements for selected operating bands from 3GPP Releases 16 and 17.

NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: ETSI EN 301 908-3 V15.1.1

EVS-EN 303 661 V1.1.1:2024

Lähtoiseseadmed (SRD); Ehitise ja pinnase struktuuri sondeerimisseade (GBSAR) sagedusvahemikus 17,1 GHz kuni 17,3 GHz ja kõrglahutusega ehitise ja pinnase struktuuri sondeerimisseade (HD-GBSAR) sagedusvahemikus 76 GHz kuni 77 GHz; Raadiospektrile juurdepääsu harmoneeritud standard;

Short Range Devices (SRD);

Ground Based Synthetic Aperture Radar (GBSAR) in the frequency range 17,1 GHz to 17,3 GHz and High Definition Ground Based Synthetic Aperture Radar (HD-GBSAR) in the frequency range 76 GHz to 77 GHz; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Ground Based Synthetic Aperture Radar (GBSAR) in the frequency range 17,1 GHz to 17,3 GHz and High Definition Ground Based Synthetic Aperture Radar (HD-GBSAR) in the frequency range 76 GHz to 77 GHz.

NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: ETSI EN 303 661 V1.1.1

EVS-EN 303 753 V1.1.1:2024

Laiaribalised andmeedastussüsteemid (WDTs) sagedustel 57-71 GHz töötavatele liikuvatele ja paiksetele raadioseadmetele; Raadiospektrile juurdepääsu harmoneeritud standard
Wideband Data Transmission Systems (WDTs) for Mobile and Fixed Radio Equipment operating in the 57 - 71 GHz band; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Wideband Data Transmission Systems (WDTs) fixed equipment installations intended for mobile network applications and mobile equipment operating indoor and outdoor in the 57 GHz to 71 GHz frequency range.

The scope of the present document includes equipment in this frequency range in compliance with ERC Recommendation 70-03, annex 3 frequency band c2, frequency band c3 and Commission Decision 2019/1345/EU bands 75a and 75b.

Radio equipment within the scope of the present document are capable of operating in all or any part of the frequency bands given in table 1.

Table 1: Radiocommunications service frequency band

Transmit/Receive - Radiocommunications service frequency band

Transmit 57 GHz to 71 GHz

Receive 57 GHz to 71 GHz

NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: ETSI EN 303 753 V1.1.1

EVS-EN IEC 60794-1-212:2024

Optical fibre cables - Part 1-212: Generic specification - Basic optical cable test procedures - Environmental test methods - Temperature cycling with cable elements fixed at both ends, Method F12

IEC 60794-1-212:2024 defines the test procedure to examine the attenuation behaviour (change in attenuation) when an optical fibre cable with cable elements fixed at both ends is subjected to temperature cycling. This test assesses the attenuation behaviour of a cable under a no-end movement condition intended for termination with, for example, interconnecting devices or passive components. This document partially cancels and replaces IEC 60794-1-22:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 60794-1-22:2017:

a) the description of the test method has been changed to "with cable elements fixed at both ends";

- b) subclauses have been added to the procedure clause;
- c) the preparation of cable sample and test set-up has been arranged in a logical way;
- d) Figure 1 has been added for illustration of the preparation of cable sample, DUT and test set-up;
- e) the temperature chamber temperature tolerance has been changed to ± 3 °C as done in IEC 60794-1-22, method F1;
- f) all required steps have been added to the subclause for temperature cycling as well as the table for the minimum soak time and the figure for the cycle procedure, and removed the reference to IEC 60794-1-22, method F1;
- g) the maximum change in attenuation has been added to the details to be specified;
- h) a new subclause 4.5 has been added for details to be reported.

Keel: en

Alusdokumendid: IEC 60794-1-212:2024; EN IEC 60794-1-212:2024

EVS-EN IEC 60794-1-217:2024

Optical fibre cables - Part 1-217: Generic specification - Basic optical cable test procedures - Environmental test methods - Cable shrinkage (fibre protrusion), Method F17

IEC 60794-1-217:2024 series defines the test procedure to measure the permanent fibre protrusion compared to the cable elements and cable sheath due to thermal exposure of a cable. This document partially replaces IEC 60794-1-22:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 60794-1-22:2017:

- a) added clarification in the objective that the purpose of this test procedure is to measure the permanent fibre protrusion of cables without rigid strength members;
- b) replaced the reference to method F1 for the apparatus with a detailed description for the temperature chamber and temperature sensing device as done in IEC 60794-1-211;
- c) added a measuring device in the subclause for apparatus;
- d) added conditioning before cutting the cable sample as done in IEC 60794-1-211
- e) added all required steps in the subclause for temperature cycling as well as the table for the minimum soak time and the figure for the cycle procedure, and removed the reference to IEC 60794-1-22, method F1;
- f) improved the figures and added a figure for preparation of the cable sample;
- g) added the informative Annex A for the test procedure recommended for cables with rigid strength members.

Keel: en

Alusdokumendid: IEC 60794-1-217:2024; EN IEC 60794-1-217:2024

EVS-EN IEC 60875-1:2024

Fibre optic interconnecting devices and passive components - Non-wavelength-selective fibre optic branching devices - Part 1: Generic specification

IEC 60875-1:2024 applies to non-wavelength-selective fibre optic branching devices, all exhibiting the following features:

- they are passive, in that they contain no optoelectronic or other transducing elements;
- they have three or more ports for either the entry or exit, or both, of optical power, and share optical power among these ports in a predetermined fashion;
- the ports are optical fibres, or optical fibre connectors.

This document establishes uniform requirements for the optical, mechanical and environmental properties. This seventh edition cancels and replaces the sixth edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- a) removal of variant and reference extensions in clause classification
- b) removal of specification system in clause documentation
- c) removal of interface standards, reliability standards and interlinking in clause standardization system

Keel: en

Alusdokumendid: IEC 60875-1:2024; EN IEC 60875-1:2024

Asendab dokumenti: EVS-EN 60875-1:2015

EVS-EN IEC 61755-3-1:2024

Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-1: Connector parameters of dispersion unshifted single-mode physically contacting fibres - non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules

IEC 61755-3-1:2024 defines the dimensional limits of the optical interface that are necessary for single-mode fibre optic connectors with 2,5 mm or 1,25 mm diameter cylindrical zirconia (ZrO₂) ferrules to meet the specific requirements for fibre-to-fibre interconnection, as defined in IEC 61755-2-1. Ferrules made from the material specified in this document are suitable for use in all the operating service environments defined in IEC 61753-1. Ferrule dimensions and features are contained in the IEC 61754 series of fibre optic connector interface standards.

This second edition cancels and replaces the first edition published in 2006. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- a) normative references have been added;
- b) the introduction of an additional optical interface with a different fibre core eccentricity profile. The previous revision of optical interface standard is named "Variant 1: with fibre core axis oriented towards the connector guide key". The additional optical interface is named "Variant 2: with fibre core axis not oriented towards the connector guide key";
- c) statements added related to interoperability, where both variants remain intermateable within a given performance grade and backwards compatible to IEC 61755-3-1:2006;
- d) The addition of Grade B and Grade C interface requirements for both variants;
- e) The addition of a descriptive statistic for the mean fibre core eccentricity (mean value) to describe the distribution of fibre core eccentricity to ensure interoperability;
- f) A new informative Annex B to give guidance on the expected attenuation when mated to a reference connector plug;
- g) A new informative Annex C to give guidance related to the simulation of optical interface attenuation;
- h) A new informative Annex D to give guidance related to estimation of mean fibre eccentricity limits for finite production batch sizes.

Keel: en

Alusdokumendid: IEC 61755-3-1:2024; EN IEC 61755-3-1:2024

Asendab dokumenti: EVS-EN 61755-3-1:2009

EVS-EN IEC 61755-3-2:2024

Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-2: Connector parameters of dispersion unshifted single-mode physically contacting fibres - angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules

IEC 61755-3-2:2024 defines the dimensional limits of the optical interface that are necessary for single-mode fibre optic connectors with 2,5 mm or 1,25 mm diameter cylindrical zirconia (ZrO₂) ferrules polished at an 8° angle to meet the specific requirements for fibre-to-fibre interconnection, as defined in IEC 61755-2-2. Ferrules made from the material specified in this standard are suitable for use in all the operating service environments defined in IEC 61753-1. Ferrule dimensions and features are contained in the IEC 61754 series of fibre optic connector interface standards. This second edition cancels and replaces the first edition published in 2006. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- a) normative references have been added;
- b) The introduction of an additional optical interface with a different fibre core eccentricity profile. The previous revision of optical interface standard is named "Variant 1: with fibre core axis oriented towards the connector guide key". The additional optical interface is named "Variant 2: with fibre core axis not oriented towards the connector guide key";
- c) statements added related to interoperability, where both variants remain intermateable within a given performance grade and are fully backwards compatible to IEC 61755-3-2:2006;
- d) The addition of Grade B and Grade C interface requirements for both variants;
- f) The addition of a descriptive statistic for the mean fibre core eccentricity (mean value) to describe the distribution of fibre core eccentricity to ensure interoperability;
- g) A new informative Annex B to give guidance on the expected attenuation when mated to a reference connector plug;
- h) A new informative Annex D to give guidance related to estimation of mean fibre eccentricity limits for finite production batch sizes.

Keel: en

Alusdokumendid: IEC 61755-3-2:2024; EN IEC 61755-3-2:2024

Asendab dokumenti: EVS-EN 61755-3-2:2009

35 INFOTEHNOLOGIA

EVS-EN IEC 61784-5-12:2024

Industrial networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12

IEC 61784-5-12:2024 specifies the installation profile for CPF 12 (EtherCAT™).

The installation profile is specified in Annex A. This annex is read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

EtherCAT™ is a trade name of Beckhoff, Verl. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance to this profile does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-12:2024; EN IEC 61784-5-12:2024

Asendab dokumenti: EVS-EN IEC 61784-5-12:2018

EVS-EN IEC 61784-5-19:2024

Industrial networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19

IEC 61784-5-19:2024 specifies the installation profile for CPF 19 (MECHATROLINKTM[1]). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

[1] MECHATROLINKTM and Σ -LINKTM II are trade names of YASKAWA ELECTRIC CORPORATION. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trade names holder or any of its products. Compliance to this profile does not require use of the trade names. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-19:2024; EN IEC 61784-5-19:2024

Asendab dokumenti: EVS-EN 61784-5-19:2014

EVS-EN IEC 61784-5-2:2018/A1:2024

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

Amendment to EN IEC 61784-5-2:2018

Keel: en

Alusdokumendid: IEC 61784-5-2:2018/AMD1:2024; EN IEC 61784-5-2:2018/A1:2024

Muudab dokumenti: EVS-EN IEC 61784-5-2:2018

EVS-EN IEC 61784-5-3:2018/A1:2024

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

Amendment to EN IEC 61784-5-3:2018

Keel: en

Alusdokumendid: IEC 61784-5-3:2018/AMD1:2024; EN IEC 61784-5-3:2018/A1:2024

Muudab dokumenti: EVS-EN IEC 61784-5-3:2018

EVS-EN IEC 61784-5-6:2024

Industrial networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

IEC 61784-5-6:2024 specifies the installation profiles for CPF 6 (INTERBUSTM)[1]. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

[1] INTERBUSTM is a trade name of INTERBUS Club, an independent organisation of users and vendors of INTERBUS products. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance to this profile does not require use of the trade name INTERBUS. Use of the trade name INTERBUS requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-6:2024; EN IEC 61784-5-6:2024

Asendab dokumenti: EVS-EN IEC 61784-5-6:2018

EVS-EN IEC 61784-5-8:2024

Industrial networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8

IEC 61784-5-8:2024 specifies the installation profiles for CPF 8 (CC-LinkTM[1]). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

[1] CC-Link™, CC-Link/LT™ and CC-Link IE™ are trade names of Mitsubishi Electric Co., control of trade name use is given to CCLink Partner Association. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance to this profile does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

Keel: en

Alusdokumendid: IEC 61784-5-8:2024; EN IEC 61784-5-8:2024

Asendab dokumenti: EVS-EN IEC 61784-5-8:2018

EVS-EN ISO 14823-1:2024

Intelligent transport systems - Graphic data dictionary - Part 1: Specification (ISO 14823-1:2024)

This document specifies a graphic data dictionary (GDD), a system of standardized codes for existing road traffic signs and pictograms used to deliver traffic and traveller information (TTI). The coding system can be used in the formation of messages within intelligent transport systems (ITS).

Keel: en

Alusdokumendid: ISO 14823-1:2024; EN ISO 14823-1:2024

Asendab dokumenti: EVS-EN ISO 14823:2017

EVS-ISO 28500:2024

Informatsioon ja dokumentatsioon. WARC failivorming Information and documentation. WARC file format (ISO 28500:2017, identical)

See dokument määratleb WARC failivormingu kasutust järgmiselt:

- peamiste Interneti rakenduskihi protokollide, nagu HTTP, DNS ja FTP, abil vahendatud andmete ja kontrollinfo hoiustamine;
- muu salvestatud andmestikuga seotud täiendavate metaandmete (nt märksõna klassifikaator, tuvastatud keel, kodeering) hoiustamine;
- andmete kokkupakkimise ja andmekirjete terviklikkuse toetamine;
- veebisalvestusprotokollist pärineva vastus- ja kogu muu kontrollinfo hoid (nt päringu päised);
- muu salvestatud andmestikuga seotud andmeteisenduste tulemuste hoiustamine;
- muu salvestatud andmestikuga seotud duplikaadituvastuse sündmuse hoid (vähendamaks identsete või oluliselt sarnaste ressursside säilitamist);
- laiendamine, kaotamata olemasolevat funktsionaalsust; ülipikkade kirjade käsitlemise toetamine nende kärpimise või segmenteerimisega.

Keel: en

Alusdokumendid: ISO 28500:2017

EVS-ISO/IEC 20000-1:2024

Infotehnoloogia. Teenusehaldus. Osa 1: Teenusehalduse süsteemi nõuded Information technology -- Service management -- Part 1: Service management system requirements (ISO/IEC 20000-1:2018, identical + ISO/IEC 20000-1:2018/Amd 1:2024, identical)

1.1 Üldist

See dokument määratleb nõuded organisatsioonile teenusehalduse süsteemi (SMS) loomiseks, rakendamiseks, hooldamiseks ja pidevaks täiustamiseks. Dokumendis määratletud nõuded hõlmavad teenuste plaanimist, kavandamist, üleminekut, tarnimist ja täiustamist, et täita teenusenõudeid ja pakkuda väärtust. Dokumenti saavad kasutada

- a) klient, kes otsib teenuseid ja vajab tagatist nende teenuste kvaliteedi kohta;
- b) klient, kes nõuab järjekindlat lähenemist teenuse elutsüklile kõigilt oma teenusepakkujatelt, sealhulgas tarneahelasse kuuluvatelt;
- c) organisatsioon, et näidata oma suutvust teenuste plaanisel, kavandamisel, teenustele üleminekul, teenuste osutamisel ja täiustamisel;
- d) organisatsioon oma SMS-i ja teenuste seireks, mõõtmiseks ja läbivaatamiseks;
- e) organisatsioon teenuste plaanamise, kavandamise, teenustele ülemineku, teenuste osutamise ja täiustamise parandamiseks SMS-i tõhusa rakendamise ja toimimise kaudu;
- f) organisatsioon või muu osapool, kes teeb vastavushindamisi selles dokumendis sätestatud nõuete alusel;
- g) teenusehalduse koolituse või nõustamise pakkuja.

Selles dokumendis kasutatud termin „teenus“ viitab SMS-i käsitlusalasle kuuluvale teenusele või teenustele. Dokumendis kasutatud termin „organisatsioon“ viitab SMS-i käsitlusalasle kuuluvale organisatsioonile, mis haldab ja osutab klientidele teenuseid. SMS-i käsitlusalas olev organisatsioon võib olla osa suuremast organisatsioonist, näiteks suuretevõtte osakond. Organisatsiooni või organisatsiooni osa, mis haldab ja osutab teenust või teenuseid sise- või välisklientidele, võib nimetada ka teenusepakkujaks. Selles dokumendis eristatakse selgelt terminite „teenus“ või „organisatsioon“ muudel eesmärkidel kasutamist.

1.2 Rakendus

Kõik dokumendis määratletud nõuded on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata organisatsiooni tüübist või suurusest või osutatavate teenuste olemusest. Peatükkides 4 kuni 10 esitatud nõuete välistamine ei ole vastuvõetav, kui organisatsioon väidab oma vastavust sellele dokumendile, olenemata organisatsiooni olemusest. Selles dokumendis sätestatud nõuetele vastavust saab tõendada organisatsioon ise, esitades tõendused nõuete täitmisest. Organisatsioon ise tõendab vastavust peatükkidele 4 ja 5. Samas võivad ka teised osapooled organisatsiooni toetada. Näiteks võib teine osapool läbi viia organisatsiooni nimel siseauditeid või toetada SMS-i loomist.

Teise võimalusena võib organisatsioon tõendada, et ta vastutab dokumendis määratletud nõuete täitmise eest ja tõendab järelevalve toimimist, kui teised osapooled on kaasatud peatükkide 6–10 nõuete täitmisesse (vt 8.2.3). Näiteks võib organisatsioon tõendada järelevalve olemasolu teise osapoole, mis pakub infrastruktuuri teenuse komponente või klienditeenindust, sealhulgas intsidentide halduseprotsessi, tegevuste üle.

Organisatsioon ei saa tõendada vastavust selles dokumendis sätestatud nõuetele, kui kõigi SMS-i käsitlusalasle kuuluvate teenuste, teenusekomponentide või protsesside pakumiseks või käitamiseks kasutatakse teisi osapooli.

Selle dokumendi käsitlusala ei hõlma toodete või tööriistade spetsiifikaatioone. Seda dokumenti saab aga kasutada SMS-i toimimist toetavate toodete või tööriistade väljatöötamisel või hankimisel.

Keel: en, et

Alusdokumendid: ISO/IEC 20000-1:2018; ISO/IEC 20000-1:2018/Amd 1:2024

Asendab dokumenti: EVS-ISO/IEC 20000-1:2013

43 MAANTEESÕIDUKITE EHITUS

EVS-EN IEC 63281-3-1:2024

E-Transporters - Part 3-1: Performance test method for total run time of e-scooters with consideration to environmental conditions of actual use

IEC 63281-3-1:2024 specifies the test method for the total run time of an e-scooter for single-person transportation with consideration of the temperature conditions of actual use when the e-scooter is operated by the user in various temperatures for use on the road or in public spaces.

This document does not cover e-scooters for persons with disabilities or elderly persons. Also, this document excludes cargo e-scooters.

Keel: en

Alusdokumendid: IEC 63281-3-1:2024; EN IEC 63281-3-1:2024

EVS-EN ISO 14823-1:2024

Intelligent transport systems - Graphic data dictionary - Part 1: Specification (ISO 14823-1:2024)

This document specifies a graphic data dictionary (GDD), a system of standardized codes for existing road traffic signs and pictograms used to deliver traffic and traveller information (TTI). The coding system can be used in the formation of messages within intelligent transport systems (ITS).

Keel: en

Alusdokumendid: ISO 14823-1:2024; EN ISO 14823-1:2024

Asendab dokumenti: EVS-EN ISO 14823:2017

45 RAUDTEETEHNIKA

EVS 867:2024

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standard käsitleb rongireisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Enne standardi selle väljaande jõustumist rajatud ooteplatvorme võib kasutada nende lammutamiseni või ümberehitamiseni.

Keel: et

Asendab dokumenti: EVS 867:2011

Asendab dokumenti: EVS 867:2011/A1:2013

Asendab dokumenti: EVS 867:2011/A1:2013/AC:2021

Asendab dokumenti: EVS 867:2011+A1:2013

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN IEC 61162-1:2024

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners

IEC 61162-1:2024 contains the requirements for data communication between maritime electronic instruments, navigation and radiocommunication equipment when interconnected via an appropriate system. This document is intended to support one-way serial data transmission from a single talker to one or more listeners. These data are in printable ASCII form and can include information such as position, speed, depth, frequency allocation, etc. Typical messages can be from about 11 to a maximum of 79 characters in length and generally require transmission no more rapidly than one message per second. The electrical definitions in this document are not intended to accommodate high-bandwidth applications such as radar or video imagery, or intensive database or file transfer applications. Since there is no provision for guaranteed delivery of messages and only limited error checking capability, it is important this document is used with caution in all safety applications. For applications where a faster transmission rate is necessary, IEC 61162-2 applies. For applications to shore based equipment of the automatic identification system (AIS) the IEC 62320 series applies.

Keel: en

Alusdokumendid: IEC 61162-1:2024; EN IEC 61162-1:2024

Asendab dokumenti: EVS-EN 61162-1:2016

EVS-EN IEC 61162-2:2024

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission

IEC 61162-2:2024 contains the requirements for data communication between maritime electronic instruments, navigation and radiocommunication equipment when interconnected via an appropriate interface. This document is intended to support one-way serial data transmission from a single talker to one or more listeners. This data is in printable ASCII form and can include any information as specified by approved sentences or information coded according to the rules for proprietary sentences.

Typical messages can be from 11 to a maximum of 79 characters in length and generally require repetition rates up to once per 20 ms. The electrical definitions in this document are intended to accommodate higher data rates than are specified in IEC 61162-1. Since there is no provision for guaranteed delivery of messages and only limited error-checking capability, it is important this document is used with caution in all safety applications.

Keel: en

Alusdokumendid: IEC 61162-2:2024; EN IEC 61162-2:2024

Asendab dokumenti: EVS-EN 61162-2:2002

EVS-EN IEC 61162-450:2024

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection

IEC 61162-450:2024 specifies interface requirements and methods of test for high speed communication between shipboard navigation and radiocommunication equipment as well as between such systems and other ship systems that need to communicate with navigation and radio-communication equipment. This document is based on the application of an appropriate suite of existing international standards to provide a framework for implementing data transfer between devices on a shipboard Ethernet network.

Keel: en

Alusdokumendid: IEC 61162-450:2024; EN IEC 61162-450:2024

Asendab dokumenti: EVS-EN IEC 61162-450:2018

EVS-EN ISO 6185-3:2024

Täispuhutavad paadid. Osa 3: Alla 8 m kerepikkusega ning 15 kW ja suurema mootori võimsusega paadid

Inflatable boats - Part 3: Boats with a length of the hull less than 8 m with a motor power rating of 15 kW and greater (ISO 6185-3:2024)

This document specifies the minimum safety characteristics required for the design, materials, manufacture and testing of inflatable boats and rigid inflatable boats with a length of the hull LH in accordance with ISO 8666 less than 8 m with a motor power rating of 15 kW and greater. This document is applicable to the following types of boats intended for use within the operating temperatures of -20 °C to +60 °C: — Type VII: Powered boats, fitted with a buoyancy tube on the port and starboard sides, suitable for navigation in conditions of design categories C and D. — Type VIII: Powered boats, fitted with a buoyancy tube on the port and starboard sides, suitable for navigation in conditions of design category B. This document excludes single-chambered boats and boats with tubes made from unsupported materials, and does not apply to aquatic toys and inflatable liferafts. Boats with tubes made from aluminium, roto-moulded polyethylene, fibre reinforced plastic or other rigid materials are excluded from this document.

Keel: en

Alusdokumendid: EN ISO 6185-3:2024; ISO 6185-3:2024

Asendab dokumenti: EVS-EN ISO 6185-3:2018

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2559:2022/A1:2024

Aerospace series - Carbon, glass and aramid fibre preimpregnates - Determination of the resin and fibre content and the mass of fibre per unit area

This document specifies methods for determining the resin content, fibre content and mass of fibre per unit area of fibre preimpregnates for aerospace use.

Keel: en

Alusdokumendid: EN 2559:2022/A1:2024

Muudab dokumenti: EVS-EN 2559:2022

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 17134-1:2024

Textiles and textile products - Determination of biocide additives - Part 1: 2-Phenylphenol and triclosan, method using liquid chromatography

This document specifies a test method for the determination of the content of the preservative agents (biocidal products) 2-phenylphenol (OPP) and triclosan in textile materials and articles composed of textile products, by liquid chromatography.

Keel: en

Alusdokumendid: EN 17134-1:2024

Asendab dokumenti: EVS-EN 17134:2019

65 PÖLLUMAJANDUS

EVS-EN ISO 28139:2021/A1:2024

Taimekaitseadmed. Seljas kantavad sise põlemismootoriga suruõhkpritsid. Ohutus- ja keskkonnanõuded ning katsemeetodid

Equipment for crop protection - Knapsack combustion engine-driven airblast sprayers - Safety and environmental requirements and test methods - Amendment 1 (ISO 28139:2019/Amd 1:2024)

Amendment to EN ISO 28139:2021

Keel: en

Alusdokumendid: ISO 28139:2019/Amd 1:2024; EN ISO 28139:2021/A1:2024

Muudab dokumenti: EVS-EN ISO 28139:2021

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 17855:2024

Foodstuffs - Minimum performance requirements for quantitative measurement of the food allergens milk, egg, peanut, hazelnut, almond, walnut, cashew, pecan nut, brazil nut, pistachio nut, macadamia nut, wheat, lupine, sesame, mustard, soy, celery, fish, molluscs and crustaceans

This document specifies minimum performance requirements for methods that quantify the food allergens milk, egg, peanut, hazelnut, almond, brazil nut, macadamia nut, cashew, pistachio nut, walnut, pecan nut, lupine, sesame, mustard, soy, celery, fish, molluscs, crustaceans, and wheat in raw and processed foodstuffs. Within the scope of this document, minimum requirements for an LOQ (Limit of Quantification) will be derived from threshold data of allergic consumers. For quantitative antibody-based methods, a normative annex will describe what specific information the method developer needs to deliver and how performance characteristics shall be validated. Regarding PCR and LC-MS/MS, information on performance characteristics are in parts covered by EN 15634-1 and EN 17644. This document does not apply to fragmented or hydrolysed food allergens, such as casein hydrolysates or soy sauce. It also does not apply to methods that deliver qualitative results only. Methods that cover gluten-containing cereals (wheat, rye, and barley) with regard to coeliac disease are covered by EN 17254.

Keel: en

Alusdokumendid: EN 17855:2024

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16300:2024

Automotive fuels - Determination of iodine value in fatty acid methyl esters (FAME) - Calculation method from gas chromatographic data

This document specifies a calculation procedure for the determination of iodine value ("CIV" - "calculated iodine value") of fatty acid methyl esters (FAME) to be used either as automotive fuel for diesel engines as specified in EN 14214 [2] or heating fuel or as an extender for automotive fuel for diesel engines as specified in EN 590 [3]. This procedure does not apply to Ethyl esters or esters made from fish oil and mixtures thereof.

The calculation procedure is applicable to methyl esters between C6 and C24:1. The calculation procedure uses as data entry the results from the gas chromatography determination (GC) according to EN 14103 of individual fatty acid methyl esters and is based on AOCS recommended practice Cd 1c - 85 for the determination of the iodine value of edible oil from its fatty acid composition. It is important to recognize that the latest version of EN 14103 is intended to be used for the determination of individual FAME components.

NOTE 1 Experience from the field and from several precision evaluation campaigns in Germany and elsewhere indicates that the results of the determination of iodine value by the calculation specified here are very close to results obtained by titration with Wijs solvent according to EN 14111 [1]. Observed small differences were always found to be smaller than the reproducibility published in the actual EN 14111.

For informative purposes only, but not for cases of dispute, EN 14331 [4] can also be used to extract the FAME contents from FAME containing diesel fuels (like B5, B7, B30, etc.) and to use the contents of the individual FAME components from this method as data entry for the calculation specified in this document.

This calculation method can be used only if the evaluated sample fulfils the requirement for ester content as reported in EN 14214.

The precision statement of this test method was determined by calculation from a Round Robin exercise with iodine values in the range of 16 g iodine/100 g to 126 g iodine/100 g.

The test method is also applicable for higher iodine values; however, the precision statement is not established for iodine values above 126 g iodine/100 g.

NOTE 2 For the purposes of this document, the term "% (m/m)" is used to represent the mass fraction.

Keel: en

Alusdokumendid: EN 16300:2024

Asendab dokumenti: EVS-EN 16300:2012

EVS-EN ISO 12185:2024

Toornafta, naftasaadused ja samaväärsed tooted. Tiheduse määramine. Labori tihedusmõõtur ostsilleeruva U-toru sensoriga

Crude petroleum, petroleum products and related products - Determination of density - Laboratory density meter with an oscillating U tube sensor (ISO 12185:2024)

Dokument määratleb meetodi toornafta ja samaväärsete toodete, mida saab katsetemperatuuril ja rõhul käsitada ühefaasiliste vedelike, tiheduse määramise ostsilleeruva U-toruga tihedusmõõturi abi vahemikus 600 kg/m³ kuni 1100 kg/m³. See dokument kehtib mis tahes aururõhuga vedelike kohta seni, kuni rakendatakse ettevaatusabinõusid, et tagada nende püsimine ühes faasis. Kergemate komponentide kadumine põhjustab tiheduse muutumise nii proovi käitlemisel kui ka tiheduse määramise ajal.

See meetod ei ole ette nähtud kasutamiseks sisseehitatud tihedusmõõturitega.

Keel: en, et

Alusdokumendid: ISO 12185:2024; EN ISO 12185:2024

Asendab dokumenti: EVS-EN ISO 12185:2000

EVS-EN ISO 16961:2024

Oil and gas industries including lower carbon energy - Internal coating and lining of steel storage tanks (ISO 16961:2024)

This document specifies requirements for surface preparation, materials, application, inspection and testing of internal coating lining systems that are intended to be applied on internal surfaces of steel storage tanks of crude oil, hydrocarbons and water for corrosion protection.

It covers both new construction and maintenance works of tank internal coating and lining as well as the repair of defective and deteriorated coating/lining.

This document also provides requirements for shop performance testing of the coated/lined samples and the criteria for their approval.

Keel: en

Alusdokumendid: ISO 16961:2024; EN ISO 16961:2024

Asendab dokumenti: EVS-EN ISO 16961:2015

EVS-EN ISO 23581:2024

Petroleum products and related products - Determination of kinematic viscosity - Method by Stabinger type viscometer (ISO 23581:2024)

This document specifies a procedure for the determination of kinematic viscosity, ν , by calculation from dynamic viscosity, η , and density, ρ , of both transparent and opaque liquid petroleum products and crude oils using the Stabinger type viscometer. The result obtained using the procedure described in this document depends on the rheological behaviour of the sample. This document is predominantly applicable to liquids whose shear stress and shear rate are proportional (Newtonian flow behaviour). If the viscosity changes significantly with the shear rate, comparison with other measuring methods is not possible except at similar shear rates.

The precision has been determined only for the materials, density ranges and temperatures described in Clause 13. The test method can be applied to a wider range of viscosity, density, temperature and materials. It is possible that the precision and bias are applicable for materials which are not listed in Clause 13.

Keel: en

Alusdokumendid: ISO 23581:2024; EN ISO 23581:2024

79 PUIDUTEHNOLOOGIA

EVS-EN 1912:2024

Structural Timber - Strength classes - Assignment of visual grades and species

This document lists visual strength grades, species and sources of timber, and specifies the strength classes to which they are assigned. The assignments listed are for strength classes documented in EN 338.

Structural timber that has previously been graded cannot be re-graded to the same or different grades unless the method of determining characteristic values has made allowances for changes to the timber population caused by the previous grading.

NOTE 1 Consequently, the assignments stated in this document apply to timber that has not been previously strength graded in a way that introduces a bias on the population of timber to be graded, as compared to ungraded material. Species/grades or species combination/grades are assigned to strength classes in accordance with EN 14081-1 and supporting standards, such as EN 384.

This document contains a list of assignments but is not intended to be exhaustive.

NOTE 2 Timber graded by machine to EN 14081-1 is graded directly to the strength classes and marked accordingly. Machine grading is therefore not referenced in this document.

Keel: en

Alusdokumendid: EN 1912:2024

Asendab dokumenti: EVS-EN 1912:2012

Asendab dokumenti: EVS-EN 1912:2012/AC:2013

EVS-EN ISO 19085-6:2024

Puidutöötlusmasinad. Ohutus. Osa 6: Ühe spindliga vertikaalfreespingid Woodworking machines - Safety - Part 6: Single spindle vertical moulding machines (toupie) (ISO 19085-6:2024)

This document specifies the safety requirements and measures for single spindle vertical moulding machines (defined in 3.1), capable of continuous production use and hereinafter referred to also as "machines".

The machines are designed to cut solid wood and material with similar physical characteristics to wood. This document deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to the machines when they are operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account.

This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with:

- a) device to adjust the arbor vertically;
- b) device to tilt the arbor;
- c) device to fit a manually operated tenoning sliding table;
- d) glass bead saw unit;
- e) adjustable table insert;
- f) device for changing the direction of rotation of the spindle;
- g) device for fixing shank mounted tools on the arbor;
- h) interchangeable arbor;
- i) quick tool/arbor change system;
- j) demountable power feed unit;
- k) support for the demountable power feed unit with power-driven adjustments.

This document does not apply to

- machines equipped with outboard bearings,
- machines equipped with powered movements of a front extension table and/or a tenoning sliding table.

This document is not applicable to machines intended for use in potentially explosive atmospheres or to machines manufactured prior to the date of its publication.

Keel: en

Alusdokumendid: ISO 19085-6:2024; EN ISO 19085-6:2024

Asendab dokumenti: EVS-EN ISO 19085-6:2017

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 21068-1:2024

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon - Part 1: General information, terminology and sample preparation (ISO 21068-1:2024)

This document gives definitions and specifies techniques for the preparation of samples for the chemical analysis of silicon-carbide-containing raw materials and refractory products including:

- a) SiC raw materials;
- b) graphite brick containing silicon carbide;
- c) silicon carbide brick (includes the bricks containing silicon nitride, silicon oxynitride, sialon);
- d) refractories containing carbon and/or silicon carbide mixed with clay;
- e) refractories containing carbon and/or silicon carbide mixed with silica (and fused silica);
- f) refractories containing carbon and/or silicon carbide mixed with high alumina material;
- g) refractories containing carbon and/or silicon carbide mixed with magnesia (and dolomite);
- h) refractories containing carbon and/or silicon carbide mixed with chrome mineral or magnesia-chrome materials;
- i) refractories containing carbon and/or silicon carbide except those described in a) to h) above.

The items of analysis described in ISO 21068-2, ISO 21068-3 and ISO 21068-4 are as follows:

- loss on drying (LOD);
- loss on ignition (LOI);
- total carbon, C_{total};
- free carbon, C_{free};
- silicon carbide, SiC;
- free silicon (Sifree);

- free aluminium (Al_{free});
- free magnesium (Mg_{free});
- free iron (Fe_{free});
- silicon(IV) dioxide (SiO₂);
- aluminium(III) oxide (Al₂O₃);
- iron(III) oxide (Fe₂O₃);
- titanium(IV) oxide (TiO₂);
- calcium oxide (CaO);
- magnesium oxide (MgO);
- sodium oxide (Na₂O);
- potassium oxide (K₂O);
- chromium(III) oxide (Cr₂O₃);
- zirconium(IV) oxide (ZrO₂);
- boron oxide (total boron calculated as B₂O₃);
- nitrogen;
- oxygen;
- nitrides (undifferentiated: Si₃N₄, AlN, BN, sialon, oxy-nitrides, etc.);
- mineralogical phases (XRD-methods).

Keel: en

Alusdokumendid: ISO 21068-1:2024; EN ISO 21068-1:2024

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

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 6806:2024

Rubber hoses and hose assemblies for use in oil burners - Specification (ISO 6806:2024)

This document specifies the minimum requirements for rubber hoses and hose assemblies for use in oil burners.

The following two types of hose assembly are specified:

- Type 1: Hose assemblies for flux and reflux, but not for insertion between the oil burner pump and the atomizing connection; maximum working pressure 1,0 MPa (10 bar); maximum oil temperature 100 °C;
- Type 2: Hose assemblies for insertion between the oil burner pump and the atomizing connection; maximum working pressure 4,0 MPa (40 bar); maximum oil temperature 100 °C.

The hose assemblies specified in this document are not intended to be used, without special assessment, for purposes other than oil burner installations.

Keel: en

Alusdokumendid: ISO 6806:2024; EN ISO 6806:2024

Asendab dokumenti: EVS-EN ISO 6806:2017

85 PABERITEHNOLOOGIA

EVS-EN ISO 12625-16:2024

Tissue paper and tissue products - Part 16: Determination of optical properties - Diffuse reflectance method for opacity (paper backing) (ISO 12625-16:2024)

This document specifies the testing procedures for the instrumental determination of the opacity of tissue paper or tissue products by diffuse reflectance using a paper backing.

This document contains specific instructions for the preparation of test pieces of single-ply and multi-ply products, where special preparation/procedures might be necessary.

It can be used to determine the opacity of tissue paper and tissue products containing fluorescent whitening agents, provided the UV content of the radiation incident on the test piece has been adjusted to conform to that in the CIE illuminant C using a fluorescent reference standard provided by an authorized laboratory as described in ISO 2470-1.

Keel: en

Alusdokumendid: ISO 12625-16:2024; EN ISO 12625-16:2024

Asendab dokumenti: EVS-EN ISO 12625-16:2015

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 11890-1:2024

Paints and varnishes - Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content - Part 1: Gravimetric method for VOC determination (ISO 11890-1:2024)

This document is part of the ISO 11890 series, dealing with the sampling and testing of coating materials and their raw materials.

This document is applicable to the determination of volatile organic compound (VOC) content in the following cases:

- case 1: where there are single-pack coating materials other than case 3, and the expected VOC content is greater than a mass fraction of 5 %, including single-pack coating materials cure not through chemical reactions and single-pack coating materials which cannot be measured by ISO 11890-2 due to chemical cure reactions or gas chromatography temperatures leading to formation of new compounds that would not appear under normal cure conditions and impacts VOC/SVOC calculation.;
- case 2: where there are multi-pack coating materials other than case 3 and the expected VOC content is greater than a mass fraction of 1 %;
- case 3: where there are radiation curable coating materials, and the expected VOC content is greater than a mass fraction of 5 %. Radiation curable coating materials in this document include coating materials that are cured by UV, electron beam, and other radiation methods.

If the system of the first case contains SVOC, but do not cure through chemical reactions, the VOC result can be influenced by SVOC, see Annex C. In this case, ISO 11890-2 is preferred. ISO 11890-1 cannot be used for the determination of the SVOC content. In water-borne coating materials, that do not cure through chemical reactions, if the water content is much greater than VOC content and VOC content is less than a mass fraction of 10 %, ISO 11890-2 is preferred.

For all three cases, the main purpose measured is VOC. However, clarify that this VOC content can also contain SVOC. The real VOC content can be lower than the VOC content measured by ISO 11890-1.

The method specified in this document assumes that the volatile matter is either water or organic. However, it is possible that other volatile inorganic compounds are present which can require another suitable method for quantification, which is thus allowed for in the calculations. The method defined in this document is not applicable for determination of water content.

Keel: en

Alusdokumendid: ISO 11890-1:2024; EN ISO 11890-1:2024

Asendab dokumenti: EVS-EN ISO 11890-1:2008

91 EHITUSMATERJALID JA EHITUS

CEN/TS 15502-3-1:2024

Gas-fired central heating boilers - Part 3-1: H₂NG and ACCF - Expansion of EN 15502-2-1:2022

EN 15502-2-1:2022, Clause 1 applies with the following modifications:
Add after k):

l) which are fully premixed appliances equipped with an Adaptive Combustion Control Function (ACCF) that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance including gas grids for natural gases of the second family where up to 20% hydrogen volume is added to the natural gas (H₂NG-Y20).

m) which are fully premixed appliances equipped with a Pneumatic Gas Air Ratio controller (PGAR) that are intended to be connected to gas grids for natural gases of the second family where up to 20% hydrogen volume is added to the natural gas (H₂NG-Y20), where the quality of the distributed gas without adding the hydrogen is not likely to vary to a large extent over the lifetime of the appliance.

Replace ab) and ak) and al) by the following:

ab) appliances that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance (see Annex AB of EN 15502-1:2021), except for fully premixed appliances with a ACCF, as ACCF appliances are designed to adapt to variations in gas quality.

ak) appliances that are intended to burn natural gases of the second family where hydrogen is added to the natural gas, except for fully premixed appliances with a ACCF or PGAR (which are covered by this document);

al) Partially premixed appliances equipped with an adaptive combustion control function (ACCF).

Keel: en

Alusdokumendid: CEN/TS 15502-3-1:2024

EVS-EN 12309-3:2024

Gaasitoitel absorptsioonseadmed kütteks ja/või jahutuseks kuni 70 kW kasuliku soojuskoormusega. Osa 3: Nõuded, katsetingimused ja -meetodid

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 3: Requirements, test conditions and test methods

1.1 Scope of EN 12309 series

Appliances covered by this document include one or a combination of the following:

- gas-fired sorption chiller;
- gas-fired sorption chiller/heater;
- gas-fired sorption heat pump;
- hybrids based on gas sorption appliances.

This document applies to appliances designed to be used for space heating or cooling or refrigeration with or without heat recovery.

This document applies to appliances having flue gas systems of Type B and Type C (according to EN 1749:2020) and to appliances designed for outdoor installations, including Type A.

EN 12309 does not apply to air conditioners, it only applies to appliances having:

- integral burners under the control of fully automatic burner control systems;
 - closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated;
 - mechanical means to assist transportation of the combustion air and/or the flue gas.
- The above appliances can have one or more primary or secondary functions (i.e. heat recovery - see definitions in EN 12309-1:2023).

In the case of packaged units (consisting of several parts), this document applies only to those designed and supplied as a complete package.

The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by EN 12309.

Installations used for heating and/or cooling of industrial processes are not within the scope of EN 12309. All the symbols given in this text are to be used regardless of the language used.

1.2 Scope of this Part 3 of EN 12309

This part of EN 12309 specifies the requirements, test methods and conditions for gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW.

This part of EN 12309 deals particularly with test protocols and tools to calculate the capacity, the gas utilization efficiency and the electrical power input of the appliance. This data can be used in particular to calculate the seasonal efficiency of the appliance.

Keel: en

Alusdokumendid: EN 12309-3:2024

Asendab dokumenti: EVS-EN 12309-3:2015

Asendab dokumenti: EVS-EN 12309-4:2015

Asendab dokumenti: EVS-EN 12309-5:2015

EVS-EN 16867:2020+A2:2024

Building hardware - Mechatronic door furniture - Requirements and test methods

1.1 General

This document applies to Mechatronic door furniture (MDF) fitted on the door set which gives the possibility to control the locking and/or release part through an electronic authorization means. This can be operable by credentials (i.e. card, code, biometric).

The MDF according to this document is combined with locks according to EN 12209, EN 14846, prEN 15685 or may be a part of an emergency exit device according to EN 179, EN 1125 or EN 13637.

The MDF may be standalone or linkable to an external control system.

The document would allow classifying the MDF upon several characteristics such as category of use, durability, environmental, security, and type of operating device.

The suitability of the MDF for use on fire or smoke-door assemblies is determined by fire resistance tests conducted in addition to the performance testing specified by this document.

1.2 Exclusions

This document does not cover:

- mechatronic cylinders according to EN 15684;
- electromechanical operated locks and striking plates according to EN 14846.

Keel: en

Alusdokumendid: EN 16867:2020+A2:2024

Asendab dokumenti: EVS-EN 16867:2020+A1:2021

EVS-EN 1751:2024

Ventilation for buildings - Air terminal devices - Aerodynamic testing of damper and valves

This document specifies methods for the testing and rating of dampers and valves used in air distribution systems with pressure differences up to 2 000 Pa.

The tests incorporated in this document will address:

- leakage past a closed damper or valve (for classification, see Annex C);
- casing leakage (for classification, see Annex C);

- flow rate/pressure requirement characteristics;
- torque: (see Annex A);
- thermal transmittance: (see Annex B).

The tests specified above are applicable to the following:

- measurement of leakage past a closed damper or valve;
- measurement of casing leakage;
- determination of flow rate and pressure requirements;
- measurement of torque characteristics (see Annex A);
- measurement of thermal transfer characteristics to determine insulation properties (see Annex B).

This document does not apply to the acoustic testing of dampers and valves.

NOTE Certain aspects of the dynamic performance of dampers and/or valves are dependent upon the air distribution system to which they are connected and are, therefore, difficult to measure in isolation. Such considerations have led to the omission of these aspects of the dynamic performance measurements from this document. Also, in common with other air distribution components, the results from tests carried out in accordance with this document might not be directly applicable if the damper or valve is situated in an area of non-uniform flow.

Keel: en

Alusdokumendid: EN 1751:2024

Asendab dokumenti: EVS-EN 1751:2014

EVS-EN 17821:2023/AC:2024

Building valves - Frost resistant taps for outdoor use (FRT) - General technical specification

This document specifies:

- general construction, performance and material requirements for Frost Resistant Taps for outdoor use (FRT), PN 10.
- the application in the potable water installation with a static pressure of maximum 1,0 MPa (10 bar) and a distribution temperature of maximum 25 °C (PWC).

FRT valves shall consist of the 3 areas shown in Figure 1.

The conditions of use are according to the following Table 1.

The requirements with regard to the potable water quality are specified in national regulations.

Keel: en

Alusdokumendid: EN 17821:2023/AC:2024

Parandab dokumenti: EVS-EN 17821:2023

EVS-EN 17887-1:2024

Thermal performance of buildings - In situ testing of completed buildings - Part 1: Data collection for aggregate heat loss test

This document specifies a test method for the in situ measurement of the thermal performance of buildings, both newly built and existing.

This document specifies the data to be collected during and after the test.

NOTE The analysis of the data and the reporting format for the analysis are referred to in prEN 17887-2:2022 Thermal performance of buildings - In situ testing of completed buildings - Part 2: Steady-state data analysis for aggregate heat loss test. This document is applicable to domestic scale detached buildings and attached domestic scale buildings, such as semi-detached houses, terraced houses and apartments.

Keel: en

Alusdokumendid: EN 17887-1:2024

EVS-EN 17887-2:2024

Thermal performance of buildings - In situ testing of completed buildings - Part 2: Steady-state data analysis for aggregate heat loss test

This document specifies the steady-state data analysis methods to evaluate the data from 'the aggregate heat loss test'. These analysis methods enable the actual in situ aggregate heat loss (building heat transfer coefficient) to be estimated.

NOTE The aggregate heat loss method is specified in prEN 17887-1:2022 Thermal performance of buildings - In-situ testing of completed buildings - Part 1: Data collection for aggregate heat loss test.

Keel: en

Alusdokumendid: EN 17887-2:2024

EVS-EN 17888-1:2024

Thermal performance of buildings - In situ testing of building test structures - Part 1: Data collection for aggregate heat loss test

This document specifies a test method for the in situ testing of the thermal performance of building structures especially built for the purpose of the test.

This document also specifies the apparatus to be used and the measurement procedures to collect the data and the reporting format for the apparatus including the building test structure and the test conditions.

NOTE The analysis of the data and the reporting format for the analysis are referred to in prEN 17888-2.

This document does not apply to:

- existing buildings;
- building structures allowing direct solar gains through glazing surfaces;
- the determination of the thermal performance of a specific building product, material, component or element.

Keel: en

Alusdokumendid: EN 17888-1:2024

EVS-EN 17888-2:2024

Thermal performance of buildings - In situ testing of building test structures - Part 2: Steady-state data analysis for aggregate heat loss test

This document specifies the steady-state data analysis methods to evaluate the data from 'the aggregate heat loss test method'.

These analysis methods enable the actual in situ aggregate heat loss (building heat transfer coefficient) to be estimated.

NOTE The aggregate heat loss method is specified in prEN 17888-1:2022, Thermal performance of buildings - In situ testing of building test structures - Part 1: Data collection for aggregate heat loss test.

Keel: en

Alusdokumendid: EN 17888-2:2024

93 RAJATISED

EVS 867:2024

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standard käsitleb rongireisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Enne standardi selle väljaande jõustumist rajatud ooteplatvorme võib kasutada nende lammutamiseni või ümberehitamiseni.

Keel: et

Asendab dokumenti: EVS 867:2011

Asendab dokumenti: EVS 867:2011/A1:2013

Asendab dokumenti: EVS 867:2011/A1:2013/AC:2021

Asendab dokumenti: EVS 867:2011+A1:2013

EVS-EN 13282-3:2024

Hüdrauliline teesideaine. Osa 3: Toimivuse püsivuse hindamine ja tõendamine Hydraulic road binders - Part 3: Assessment and verification of constancy of performance

See dokument määrab kindlaks hüdrauliliste teesideainete toimivuse püsivuse hindamise ja kontrollimise (AVCP) skeemi, sealhulgas tehase tootmisohje vastavuse sertifitseerimise.

See dokument sisaldab tehnilisi eeskirju tehase tootmisohjele, tootmisettevõttes võetud proovide katsetamisele (isekontrolli katsetamine), hüdraulilise teesideaine toimivuse hindamisele, tootmisettevõtte esmasele kontrollile ja tehase tootmisohjele ning tehase tootmisohje jätkuvale järelevalvele ja hindamisele.

Tehnilises aruandes CEN/TR 14245 [5] antud juhised sisaldavad teavet selle dokumendi rakendamiseks.

MÄRKUS Selle dokumendi kontekstis kasutatud termin „ehitustode“ viitab hüdraulilisele teesideainele.

Keel: en, et

Alusdokumendid: EN 13282-3:2024

Asendab dokumenti: EVS-EN 13282-3:2015

EVS-EN IEC 61820-1-2:2024

Electrical installations for lighting and beaconing of aerodromes - Part 1-2: Fundamental principles - Particular requirements for series circuits

IEC 61820-1-2:2024 describes requirements for AGL systems including power supplies, transformation of energy, cables, and any electrical component utilized to produce the light intended to be used as a visual aid for air and ground navigation based on IEC 61820-1, complemented with series circuit specific topics.

Keel: en

Alusdokumendid: IEC 61820-1-2:2024; EN IEC 61820-1-2:2024

EVS-EN 50528:2024

Insulating ladders for use on or near low voltage electrical installations

This document is applicable to portable ladders made only of non-conductive stiles, including accessories (pole leaning device, adjustable levelling device, adjustable ladder stabilizer, etc.) used to work on or near electrical systems and installations in the low voltage range (up to 1 000 V AC/1 500 V DC).

These ladders are used to provide temporary access, generally on overhead line structures, and to undertake electrical operations. They are expected to be used by one person only.

These ladders, in conjunction with other protective equipment provide sufficient insulation level to protect against inadvertent contact with live low voltage installations.

This document does not cover ladders used for live working on electrical installations at voltages above 1 000 V AC and above 1 500 V DC. These insulating ladders are separately covered by EN 61478.

This document does not cover products not made entirely with non-conductive stiles generally called mixed ladders. In this case the EN 131 series apply.

This document does not cover step stools, which are covered by EN 14183.

These ladders are only for specific professional use. Only skilled persons, after an appropriate training, can use this type of ladder for professional applications.

The products designed and manufactured according to this document contribute to the safety of the users provided they are used by skilled persons, in accordance with safe methods of work and the manufacturer instructions for use (where appropriate).

Annex E gives a rationale to explain how a ladder which fulfils the requirements of this document used with correct accessories gives better safety for the user than an ordinary ladder.

Keel: en

Alusdokumendid: EN 50528:2024

Asendab dokumenti: EVS-EN 50528:2010

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS JUHEND 6:2021

Standardimise tehnilise komitee ja projektkomitee asutamine ning töökord
Establishment and working procedures of standardisation technical committee and project committee

Keel: et

Asendatud järgmise dokumendiga: EVS JUHEND 6:2024

Standardi staatus: Kehtetu

EVS-EN ISO 4172:1999

Tehnilised joonised. Montaažijoonised. Joonised monteeritavate struktuuride kokkupanemiseks
Technical drawings - Construction drawings - Drawings for the assembly of prefabricated structures

Keel: en

Alusdokumendid: ISO 4172:1991; EN ISO 4172:1996

Asendatud järgmise dokumendiga: EVS-EN ISO 4172:2024

Standardi staatus: Kehtetu

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

EVS-ISO/IEC 20000-1:2013

Infotehnoloogia. Teenusehaldus. Osa 1: Teenusehalduse süsteemi nõuded
Information technology - Service management - Part 1: Service management system requirements

Keel: en, et

Alusdokumendid: ISO/IEC 20000-1:2011

Asendatud järgmise dokumendiga: EVS-ISO/IEC 20000-1:2024

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 14325:2018

Kemikaalikindel kaitseriietus. Katsemeetodid ja kemikaalikindlate materjalide, õmbluste, ühenduskohtade ja kogumite klassifikatsioon
Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages

Keel: en

Alusdokumendid: EN 14325:2018

Asendatud järgmise dokumendiga: EVS-EN 14325:2018+A1:2024

Standardi staatus: Kehtetu

EVS-EN 14404:2004+A1:2010

Isikukaitsevahendid. Põlvekaitse põlviliasendis töötamiseks KONSOLIDEERITUD TEKST
Personal protective equipment - Knee protectors for work in the kneeling position CONSOLIDATED TEXT

Keel: en

Alusdokumendid: EN 14404:2004+A1:2010

Asendatud järgmise dokumendiga: EVS-EN 14404-1:2024

Asendatud järgmise dokumendiga: EVS-EN 14404-2:2024

Asendatud järgmise dokumendiga: EVS-EN 14404-3:2024

Asendatud järgmise dokumendiga: EVS-EN 14404-4:2024

Asendatud järgmise dokumendiga: EVS-EN 14404-5:2024

Asendatud järgmise dokumendiga: EVS-EN 14404-6:2024

Standardi staatus: Kehtetu

EVS-EN 50528:2010

Insulating ladders for use on or near low voltage electrical installations

Keel: en

Alusdokumendid: EN 50528:2010

Asendatud järgmise dokumendiga: EVS-EN 50528:2024

Standardi staatus: Kehtetu

EVS-EN ISO 18187:2018

Soil quality - Contact test for solid samples using the dehydrogenase activity of *Arthrobacter globiformis* (ISO 18187:2016)

Keel: en

Alusdokumendid: ISO 18187:2016; EN ISO 18187:2018

Asendatud järgmise dokumendiga: EVS-EN ISO 18187:2024

Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 60721-3-9:2002

Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 9: Microclimates inside products

Keel: en

Alusdokumendid: IEC 60721-3-9:1993; EN 60721-3-9:1993

Asendatud järgmise dokumendiga: EVS-EN IEC 60721-3-9:2024

Muudetud järgmise dokumendiga: EVS-EN 60721-3-9:2002/A1:2006

Standardi staatus: Kehtetu

EVS-EN 60721-3-9:2002/A1:2006

Amendment 1 - Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 9: Microclimates inside products

Keel: en

Alusdokumendid: IEC 60721-3-9:1993/A1:1994; EN 60721-3-9:1993/A1:1995

Asendatud järgmise dokumendiga: EVS-EN IEC 60721-3-9:2024

Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13322-1:2003

Transportable gas cylinders - Refillable welded steel gas cylinders - Design and construction - Part 1: Carbon steel

Keel: en

Alusdokumendid: EN 13322-1:2003

Asendatud järgmise dokumendiga: EVS-EN 13322-1:2024

Muudetud järgmise dokumendiga: EVS-EN 13322-1:2003/A1:2006

Standardi staatus: Kehtetu

EVS-EN 13322-1:2003/A1:2006

Transportable gas cylinders - Refillable welded steel gas cylinders - Design and construction - Part 1: Carbon steel

Keel: en

Alusdokumendid: EN 13322-1:2003/A1:2006

Asendatud järgmise dokumendiga: EVS-EN 13322-1:2024

Standardi staatus: Kehtetu

EVS-EN 14620-1:2006

Design and manufacture of site built, vertical, cylindrical, flat-bottomed steel tanks for the storage of refrigerated, liquefied gases with operating temperatures between 0 C and -165 C - Part 1: General

Keel: en

Alusdokumendid: EN 14620-1:2006

Asendatud järgmise dokumendiga: EVS-EN 14620-1:2024

Standardi staatus: Kehtetu

25 TOOTMISTEHNOLLOOGIA

EVS-EN 61784-5-19:2014

Industrial communication networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19

Keel: en

Alusdokumendid: IEC 61784-5-19:2013; EN 61784-5-19:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-19:2024

Standardi staatus: Kehtetu

EVS-EN IEC 61784-5-12:2018

Industrial communication networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12

Keel: en

Alusdokumendid: IEC 61784-5-12:2018; EN IEC 61784-5-12:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-12:2024

Standardi staatus: Kehtetu

EVS-EN IEC 61784-5-6:2018

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

Keel: en

Alusdokumendid: IEC 61784-5-6:2018; EN IEC 61784-5-6:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-6:2024

Standardi staatus: Kehtetu

EVS-EN IEC 61784-5-8:2018

Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8

Keel: en

Alusdokumendid: IEC 61784-5-8:2018; EN IEC 61784-5-8:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-8:2024

Standardi staatus: Kehtetu

EVS-EN ISO 12224-1:1999

Solder wire, solid and flux cored - Specification and test methods - Part 1: Classification and performance requirements

Keel: en

Alusdokumendid: ISO 12224-1:1997; EN ISO 12224-1:1998

Asendatud järgmise dokumendiga: EVS-EN ISO 12224-1:2024

Standardi staatus: Kehtetu

EVS-EN ISO 12224-2:1999

Flux cored solder wire - Specification and test methods - Part 2: Determination of flux content

Keel: en

Alusdokumendid: ISO 12224-2:1997; EN ISO 12224-2:1999

Asendatud järgmise dokumendiga: EVS-EN ISO 12224-2:2024

Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12178:2016

Külmutussüsteemid ja soojuspumbad. Vedelikunivoo indikaatorid. Nõuded, katsetamine ja märgistamine

Refrigerating systems and heat pumps - Liquid level indicating devices - Requirements, testing and marking

Keel: en

Alusdokumendid: EN 12178:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 21922:2021

Standardi staatus: Kehtetu

EVS-EN 12309-3:2015

Kuni 70 kW kasuliku soojuskoormusega absorptsioonprintsiiibil gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 3: Katsenõuded
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 3: Test conditions

Keel: en
Alusdokumendid: EN 12309-3:2014
Asendatud järgmise dokumendiga: EVS-EN 12309-3:2024
Standardi staatus: Kehtetu

EVS-EN 12309-4:2015

Kuni 70 kW kasuliku soojuskoormusega absorptsioonprintsiiibil gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 4: Katsemeetodid
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 4: Test methods

Keel: en
Alusdokumendid: EN 12309-4:2014
Asendatud järgmise dokumendiga: EVS-EN 12309-3:2024
Standardi staatus: Kehtetu

EVS-EN 12309-5:2015

Kuni 70 kW kasuliku soojuskoormusega gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 5: Nõuded
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 5: Requirements

Keel: en
Alusdokumendid: EN 12309-5:2014
Asendatud järgmise dokumendiga: EVS-EN 12309-3:2024
Standardi staatus: Kehtetu

EVS-EN ISO 12183:2019

Nuclear fuel technology - Controlled-potential coulometric assay of plutonium (ISO 12183:2016)

Keel: en
Alusdokumendid: ISO 12183:2016; EN ISO 12183:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 12183:2024
Standardi staatus: Kehtetu

EVS-EN ISO 6806:2017

Rubber hoses and hose assemblies for use in oil burners - Specification (ISO 6806:2017)

Keel: en
Alusdokumendid: ISO 6806:2017; EN ISO 6806:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 6806:2024
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

CWA 50611:2013

Flow batteries - Guidance on the specification, installation and operation

Keel: en
Alusdokumendid: CWA 50611:2013
Standardi staatus: Kehtetu

EVS-EN 60598-2-2:2012

Valgustid. Osa 2-2: Erinõuded - Süvikvalgustid
Luminaires - Part 2-2: Particular requirements - Recessed luminaires

Keel: en
Alusdokumendid: IEC 60598-2-2:2011; EN 60598-2-2:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-2-2:2024
Standardi staatus: Kehtetu

EVS-EN 62501:2009

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing

Keel: en
Alusdokumendid: IEC 62501:2009; EN 62501:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 62501:2024
Muudetud järgmise dokumendiga: EVS-EN 62501:2009/A1:2014
Muudetud järgmise dokumendiga: EVS-EN 62501:2009/A2:2017
Standardi staatus: Kehtetu

EVS-EN 62501:2009/A1:2014

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing

Keel: en
Alusdokumendid: IEC 62501:2009/A1:2014; EN 62501:2009/A1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62501:2024
Standardi staatus: Kehtetu

EVS-EN 62501:2009/A2:2017

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing

Keel: en
Alusdokumendid: IEC 62501:2009/A2:2017; EN 62501:2009/A2:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62501:2024
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60875-1:2015

Fibre optic interconnecting devices and passive components - Non-wavelength-selective fibre optic branching devices - Part 1: Generic specification

Keel: en
Alusdokumendid: IEC 60875-1:2015; EN 60875-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60875-1:2024
Standardi staatus: Kehtetu

EVS-EN 61755-3-1:2009

Fibre optic connector optical interfaces -- Part 3-1: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical full zirconia PC ferrule, single mode fibre

Keel: en
Alusdokumendid: IEC 61755-3-1:2006+Corr:2009; EN 61755-3-1:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61755-3-1:2024
Standardi staatus: Kehtetu

EVS-EN 61755-3-2:2009

Fibre optic connector optical interfaces -- Part 3-2: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules for 8 degrees angled-PC single mode fibres

Keel: en
Alusdokumendid: IEC 61755-3-2:2006 (MOD) + corrigendum Jan. 2009 (EQV); EN 61755-3-2:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61755-3-2:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 61784-5-19:2014

Industrial communication networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19

Keel: en
Alusdokumendid: IEC 61784-5-19:2013; EN 61784-5-19:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-19:2024
Standardi staatus: Kehtetu

EVS-EN IEC 61784-5-12:2018

Industrial communication networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12

Keel: en
Alusdokumendid: IEC 61784-5-12:2018; EN IEC 61784-5-12:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-12:2024
Standardi staatus: Kehtetu

EVS-EN IEC 61784-5-6:2018

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

Keel: en
Alusdokumendid: IEC 61784-5-6:2018; EN IEC 61784-5-6:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-6:2024
Standardi staatus: Kehtetu

EVS-EN IEC 61784-5-8:2018

Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8

Keel: en
Alusdokumendid: IEC 61784-5-8:2018; EN IEC 61784-5-8:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 61784-5-8:2024
Standardi staatus: Kehtetu

EVS-EN ISO 14823:2017

Intelligent transport systems - Graphic data dictionary (ISO 14823:2017)

Keel: en
Alusdokumendid: ISO 14823:2017; EN ISO 14823:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 14823-1:2024
Standardi staatus: Kehtetu

EVS-ISO/IEC 20000-1:2013

Infotehnoloogia. Teenusehaldus. Osa 1: Teenusehalduse süsteemi nõuded Information technology - Service management - Part 1: Service management system requirements

Keel: en, et
Alusdokumendid: ISO/IEC 20000-1:2011
Asendatud järgmise dokumendiga: EVS-ISO/IEC 20000-1:2024
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN ISO 14823:2017

Intelligent transport systems - Graphic data dictionary (ISO 14823:2017)

Keel: en
Alusdokumendid: ISO 14823:2017; EN ISO 14823:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 14823-1:2024
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS 867:2011

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et
Asendatud järgmise dokumendiga: EVS 867:2024
Muudetud järgmise dokumendiga: EVS 867:2011/A1:2013
Standardi staatus: Kehtetu

EVS 867:2011/A1:2013

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et
Alusdokumendid: EVS 867:2011/A1:2013/AC:2021
Asendatud järgmise dokumendiga: EVS 867:2024
Parandatud järgmise dokumendiga: EVS 867:2011/A1:2013/AC:2021
Standardi staatus: Kehtetu

EVS 867:2011/A1:2013/AC:2021

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et

Asendatud järgmise dokumendiga: EVS 867:2024

Standardi staatus: Kehtetu

EVS 867:2011+A1:2013

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et

Alusdokumendid: EVS 867:2011+EVS 867:2011/A1:2013; EVS 867:2011/A1:2013/AC:2021

Asendatud järgmise dokumendiga: EVS 867:2024

Parandatud järgmise dokumendiga: EVS 867:2011/A1:2013/AC:2021

Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN 61162-1:2016

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners

Keel: en

Alusdokumendid: IEC 61162-1:2016; EN 61162-1:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 61162-1:2024

Standardi staatus: Kehtetu

EVS-EN 61162-2:2002

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission

Keel: en

Alusdokumendid: IEC 61162-2:1998; EN 61162-2:1998

Asendatud järgmise dokumendiga: EVS-EN IEC 61162-2:2024

Standardi staatus: Kehtetu

EVS-EN IEC 61162-450:2018

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection

Keel: en

Alusdokumendid: IEC 61162-450:2018; EN IEC 61162-450:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 61162-450:2024

Standardi staatus: Kehtetu

EVS-EN ISO 6185-3:2018

Täispuhutavad kummipaadid. Osa 3: Alla 8 m kerepikkusega ning 15 kW ja suurema mootori nimivõimsusega paadid Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014)

Keel: en

Alusdokumendid: ISO 6185-3:2014; EN ISO 6185-3:2018

Asendatud järgmise dokumendiga: EVS-EN ISO 6185-3:2024

Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16300:2012

Automotive fuels - Determination of iodine value in fatty acid methyl esters (FAME) - Calculation method from gas chromatographic data

Keel: en

Alusdokumendid: EN 16300:2012

Asendatud järgmise dokumendiga: EVS-EN 16300:2024

Standardi staatus: Kehtetu

EVS-EN ISO 12185:2000

Toornafta ja naftasaadused. Tiheduse määramine. Ostsilleeruva U-toru meetod Crude petroleum and petroleum products - Determination of density - Oscillating U-tube method

Keel: en
Alusdokumendid: ISO 12185:1996; EN ISO 12185:1996
Asendatud järgmise dokumendiga: EVS-EN ISO 12185:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16961:2015

Petroleum, petrochemical and natural gas industries - Internal coating and lining of steel storage tanks (ISO 16961:2015)

Keel: en
Alusdokumendid: ISO 16961:2015; EN ISO 16961:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 16961:2024
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 1912:2012

Structural Timber - Strength classes - Assignment of visual grades and species

Keel: en
Alusdokumendid: EN 1912:2012
Asendatud järgmise dokumendiga: EVS-EN 1912:2024
Parandatud järgmise dokumendiga: EVS-EN 1912:2012/AC:2013
Standardi staatus: Kehtetu

EVS-EN 1912:2012/AC:2013

Structural Timber - Strength classes - Assignment of visual grades and species

Keel: en
Alusdokumendid: EN 1912:2012/AC:2013
Asendatud järgmise dokumendiga: EVS-EN 1912:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-6:2017

Puidutöötlemismasinad. Ohutus. Osa 6: Ühe võlliga vertikaalsed freesid Woodworking machines - Safety - Part 6: Single spindle vertical moulding machines ("toupies") (ISO 19085-6:2017)

Keel: en
Alusdokumendid: ISO 19085-6:2017; EN ISO 19085-6:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-6:2024
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 21068-1:2008

Silikonkarbiidi sisaldavate toormaterjalide ja tulekindlate toodete keemiline analüüs. Osa 1: Üldinfo ja proovide ettevalmistamine Chemical analysis of silicon carbide containing raw materials and refractory products - Part 1: General information and sample preparation

Keel: en
Alusdokumendid: ISO 21068-1:2008; EN ISO 21068-1:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 21068-1:2024
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 6806:2017

Rubber hoses and hose assemblies for use in oil burners - Specification (ISO 6806:2017)

Keel: en
Alusdokumendid: ISO 6806:2017; EN ISO 6806:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 6806:2024
Standardi staatus: Kehtetu

85 PABERITEHNOLOOGIA

EVS-EN ISO 12625-16:2015

Tissue paper and tissue products - Part 16: Determination of optical properties - Opacity (paper backing) - Diffuse reflectance method (ISO 12625-16:2015)

Keel: en

Alusdokumendid: ISO 12625-16:2015; EN ISO 12625-16:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 12625-16:2024

Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 11890-1:2008

Värvid ja lakid. Lenduvate orgaaniliste ühendite määramine. Osa 1: Diferentseerimismeetod Paints and varnishes - Determination of volatile organic compound (VOC) content - Part 1: Difference method

Keel: en, et

Alusdokumendid: ISO 11890-1:2007; EN ISO 11890-1:2007

Asendatud järgmise dokumendiga: EVS-EN ISO 11890-1:2024

Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12309-3:2015

Kuni 70 kW kasuliku soojuskoormusega absorptsioonprintsiiibil gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 3: Katsenõuded Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 3: Test conditions

Keel: en

Alusdokumendid: EN 12309-3:2014

Asendatud järgmise dokumendiga: EVS-EN 12309-3:2024

Standardi staatus: Kehtetu

EVS-EN 12309-4:2015

Kuni 70 kW kasuliku soojuskoormusega absorptsioonprintsiiibil gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 4: Katsemeetodid Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 4: Test methods

Keel: en

Alusdokumendid: EN 12309-4:2014

Asendatud järgmise dokumendiga: EVS-EN 12309-3:2024

Standardi staatus: Kehtetu

EVS-EN 12309-5:2015

Kuni 70 kW kasuliku soojuskoormusega gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 5: Nõuded Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 5: Requirements

Keel: en

Alusdokumendid: EN 12309-5:2014

Asendatud järgmise dokumendiga: EVS-EN 12309-3:2024

Standardi staatus: Kehtetu

EVS-EN 16867:2020+A1:2021

Building hardware - Mechatronic door furniture - Requirements and test methods

Keel: en

Alusdokumendid: EN 16867:2020+A1:2021

Asendatud järgmise dokumendiga: EVS-EN 16867:2020+A2:2024

Standardi staatus: Kehtetu

EVS-EN 1751:2014

Ventilation for buildings - Air terminal devices - Aerodynamic testing of damper and valves

Keel: en

Alusdokumendid: EN 1751:2014
Asendatud järgmise dokumendiga: EVS-EN 1751:2024
Standardi staatus: Kehtetu

93 RAJATISED

EVS 867:2011

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et
Asendatud järgmise dokumendiga: EVS 867:2024
Muudetud järgmise dokumendiga: EVS 867:2011/A1:2013
Standardi staatus: Kehtetu

EVS 867:2011/A1:2013

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et
Alusdokumendid: EVS 867:2011/A1:2013/AC:2021
Asendatud järgmise dokumendiga: EVS 867:2024
Parandatud järgmise dokumendiga: EVS 867:2011/A1:2013/AC:2021
Standardi staatus: Kehtetu

EVS 867:2011/A1:2013/AC:2021

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et
Asendatud järgmise dokumendiga: EVS 867:2024
Standardi staatus: Kehtetu

EVS 867:2011+A1:2013

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Keel: et
Alusdokumendid: EVS 867:2011+EVS 867:2011/A1:2013; EVS 867:2011/A1:2013/AC:2021
Asendatud järgmise dokumendiga: EVS 867:2024
Parandatud järgmise dokumendiga: EVS 867:2011/A1:2013/AC:2021
Standardi staatus: Kehtetu

EVS-EN 13282-3:2015

Hüdrauliline teesideaine. Osa 3: Vastavushindamine Hydraulic road binders - Part 3: Conformity evaluation

Keel: en, et
Alusdokumendid: EN 13282-3:2015
Asendatud järgmise dokumendiga: EVS-EN 13282-3:2024
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 50528:2010

Insulating ladders for use on or near low voltage electrical installations

Keel: en
Alusdokumendid: EN 50528:2010
Asendatud järgmise dokumendiga: EVS-EN 50528:2024
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 huvitatul võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

Arvamusküsitlusele esitatakse Euroopa ja rahvusvahelised standardikavandid, mis on kavas üle võtta Eesti standarditeks, ja Eesti algupärased standardikavandid ning algupäraste tehniliste spetsifikatsioonide ja juhendite kavandid.

Iga arvamusküsitlusele oleva kavandi kohta on esitatud alljärgnev informatsioon:

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

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN ISO 15223-1:2021/prA1

Medical devices - Symbols to be used with information to be supplied by the manufacturer - Part 1: General requirements - Amendment 1: Addition of defined term for authorized representative and Modified EC REP symbol to not be country or region specific (ISO 15223 1:2021/DAM 1:2024)

Amendment to EN ISO 15223-1:2021

Keel: en

Alusdokumendid: ISO 15223-1:2021/DAMd 1; EN ISO 15223-1:2021/prA1

Muudab dokumenti: EVS-EN ISO 15223-1:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 4902

Aerospace series - Surface treatments - Definitions and test methods

This document specifies definitions to be used in documents related to surface treatments and test methods that can be referred by surface treatment standards.

Keel: en

Alusdokumendid: prEN 4902

Arvamusküsitluse lõppkuupäev: 02.07.2024

prEVS-ISO/IEC 20546

Infotehnoloogia. Suurandmed. Ülevaade ja sõnavara

Information technology -- Big data -- Overview and vocabulary (ISO/IEC 20546:2019, identical)

Antud dokument on loodud erialaste terminite ja definitsioonide kogumikuna, mis võimaldaks edendada paremat kommunikatsiooni ja arusaamist käsitletavast valdkonnast. See saab olema terminoloogiline baas suurandmete standardite koostamiseks.

Dokument annab kontseptuaalse ülevaate suurandmete valdkonnast, kirjeldab selle seoseid teiste tehniliste alade ja standardite loomise protsessidega ning tutvustab suurandmete valdkonnas levinud ja tuntud käsitlusviise.

Keel: en

Alusdokumendid: ISO/IEC 20546:2019

Arvamusküsitluse lõppkuupäev: 01.08.2024

07 LOODUS- JA RAKENDUSTEADUSED

prEN ISO 19337

Nanotechnologies - Characteristics of working suspensions of nano-objects for in vitro assays to evaluate inherent nano-object toxicity (ISO 19337:2023)

This document describes the characteristics of working suspensions of nano-objects to be considered when conducting in vitro assays to evaluate inherent nano-object toxicity. In addition, the document identifies applicable measurement methods for these characteristics.

This document is applicable to nano-objects, and their aggregates and agglomerates greater than 100 nm. This document intends to help clarify whether observed toxic effects come from tested nano-objects themselves or from uncontrolled sources.

Keel: en

Alusdokumendid: ISO 19337:2023; prEN ISO 19337

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 7899-3

Water quality - Enumeration of intestinal enterococci - Part 3: Most probable number method (ISO/DIS 7899-3:2024)

This document specifies a method for the enumeration of intestinal enterococci in water. The method is based on the growth of target organisms in a liquid medium and calculation of the "Most Probable Number" (MPN) of microorganisms by reference to MPN tables or using informatic programs.

The test described in this document relies upon the detection of intestinal enterococci based upon expression of the enzyme β -D-glucosidase. This method provides a confirmed result in 24 h with no requirement for confirmation of positive wells. This method can be applied to a range of types of water (for example, drinking water, bathing water, groundwater, surface water and wastewater), including those containing an appreciable amount of suspended matter and high background counts of heterotrophic bacteria.

For marine waters, enterococci are best enumerated using diluted samples.

Keel: en

Alusdokumendid: ISO/DIS 7899-3; prEN ISO 7899-3

Arvamusküsitluse lõppkuupäev: 01.08.2024

11 TERVISEHOOLDUS

EN 16616:2022/prA1

Chemical disinfectants and antiseptics - Chemical-thermal textile disinfection - Test method and requirements (phase 2, step 2)

This document specifies a test method and the minimum requirements for the microbicidal activity of a specified disinfection process for the treatment of contaminated textile. This procedure is carried out by using a washing machine as specified in 5.3.2.18 and refers to the disinfection step without prewash. This procedure is not limited to certain types of textile. The suppliers' instructions are expected to be sufficient if they content the process parameters identified in the test (e.g. dosing disinfectant in whatever washing phase e.g. main wash, rinsing, disinfecting at 40 °C).

This document applies to areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example:

- in hospitals, in community medical facilities, and in dental institutions;
 - in clinics of schools, of kindergartens, and of nursing homes;
- and could occur in the workplace and in the home.

It could also include services such as laundries and kitchens supplying products directly for the patients.

The method described is intended to determine the activity of a product or product combination under the conditions in which they are used. This is a phase 2, step 2 laboratory test that simulates the conditions of application of the product. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

Keel: en

Alusdokumendid: EN 16616:2022/prA1

Muudab dokumenti: EVS-EN 16616:2022

Arvamusküsitluse lõppkuupäev: 01.08.2024

EN ISO 15223-1:2021/prA1

Medical devices - Symbols to be used with information to be supplied by the manufacturer - Part 1: General requirements - Amendment 1: Addition of defined term for authorized representative and Modified EC REP symbol to not be country or region specific (ISO 15223-1:2021/DAM 1:2024)

Amendment to EN ISO 15223-1:2021

Keel: en

Alusdokumendid: ISO 15223-1:2021/DAMd 1; EN ISO 15223-1:2021/prA1

Muudab dokumenti: EVS-EN ISO 15223-1:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 10993-6

Biological evaluation of medical devices - Part 6: Tests for local effects after implantation (ISO/DIS 10993-6:2024)

This document specifies requirements for implantation test methods for preclinical assessment of the local effects after implantation of materials intended for use in medical devices. In order to evaluate local tissue responses from medical devices that are intended to be used where skin or mucosal tissue is breached, this document is applicable when required. This document applies to medical device/materials that require implantation evaluation and can be solid or non-solid (such as porous materials, liquids, gels, pastes, powders, and particulates), absorbable/degradable or non-absorbable, or can be tissue-engineered medical products (TEMPs).

These implantation tests are not intended to evaluate or determine the performance of the test sample in terms of mechanical loading or functional performance. This document also does not provide guidance on methods and study design to satisfy requirements for systemic toxicity, carcinogenicity, teratogenicity or mutagenicity. However, the study designs can be modified to also assess other biocompatibility effects.

Keel: en

Alusdokumendid: ISO/DIS 10993-6; prEN ISO 10993-6

Asendab dokumenti: EVS-EN ISO 10993-6:2016

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 18618

Dentistry - Interoperability of CAD/CAM systems (ISO/DIS 18618:2024)

This document specifies an extensible markup language (XML) format to facilitate the transfer of dental case data and CAD/CAM data between software systems.

Keel: en

Alusdokumendid: ISO/DIS 18618; prEN ISO 18618

Asendab dokumenti: EVS-EN ISO 18618:2022

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 21850-2

Dentistry - Materials for dental instruments - Part 2: Polymers (ISO/DIS 21850-2:2024)

This document specifies polymers commonly used in manufacturing dental instruments.

It is applicable to polymers materials used to manufacture either an entire instrument or a part of the instrument.

It is applicable to single-use and reusable dental instruments, connected to a power-driven system or not.

This document is not applicable to devices and instruments used long-term in the mouth of the patient (e.g. crown, bridges, implants) or to devices and instruments not made of polymers.

It contains a current selection of polymers suitable for use in the manufacture of dental instruments.

Keel: en

Alusdokumendid: ISO/DIS 21850-2; prEN ISO 21850-2

Arvamusküsitluse lõppkuupäev: 01.08.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 12492

Mountaineering equipment - Helmets for mountaineers - Safety requirements and test methods

This document specifies requirements and test methods for protective helmets for use in mountaineering.

This document is also applicable to protective helmets used in activities with similar hazards as in mountaineering including, but not limited to, climbing, caving, canyoning, rope courses, and via ferrata climbing.

This document does not apply to protective helmets used by ski mountaineers.

Keel: en

Alusdokumendid: prEN 12492

Asendab dokumenti: EVS-EN 12492:2012

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 14973

Conveyor belts for use in underground installations - Electrical and flammability safety requirements

This document specifies electrical and flammability safety requirements for conveyor belts intended for use in underground installations, in the presence of flammable or non-flammable atmospheres.

Conveyor belts covered by this document and intended for use in flammable atmospheres are intended for use on conveyor belt installations (machinery in mines). The belt is a component or part of equipment, which can be incorporated into the conveyor, which is an equipment of Group I, Category M2, as defined in 3.2.2 of EN ISO 80079-36:2016.

This document is not applicable to light conveyor belts as described in EN ISO 21183-1:2006 nor is it applicable to conveyor belts which are manufactured before the date of publication of this document by CEN.

This document deals with those significant hazards detailed in A.1.

Attention is drawn to Annexes ZA and ZB.

NOTE A summary of the requirements of this document is given in Table 2. This is intended for quick reference only.

Keel: en

Alusdokumendid: prEN 14973

Asendab dokumenti: EVS-EN 14973:2015

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 18080

Glass in building - Reaction to fire - Mounting and fixing instructions for glass products and extended application of test results

This document gives precisions on the mounting and fixing rules for testing glass products and provides guidance. Where appropriate, it defines procedures for extended application of test results obtained in accordance with EN ISO 1716, EN ISO 11925 2, EN ISO 1182 and EN 13823 and classified according to EN 13501 1.

NOTE Some glass products have been classified A1 according to Commission decision 96/603/EC.

This document is not applicable to laminated glass comprising plastic glazing sheet material.

This document is not applicable to joints and cables, glues, mounting seals and any fixing devices used to install the glass product.

Keel: en

Alusdokumendid: prEN 18080

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 60335-2-106:2024

Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings

This European Standard deals with the safety of

- portable heated carpets;

- heated carpets and similar appliances;

- heating units to heat the room in which they are located and that are intended to be installed directly under materials used as a removable floor covering such as carpet, cushion vinyl, or loose laid laminate, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations, including direct current (DC) supplied appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-106:2024; IEC 60335-2-106:2021

Asendab dokumenti: EVS-EN 60335-2-106:2007

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 60335-2-106:2024/prAA:2024

Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings

This European Standard deals with the safety of

- portable heated carpets;

- heated carpets and similar appliances;

- heating units to heat the room in which they are located and that are intended to be installed directly under materials used as a removable floor covering such as carpet, cushion vinyl, or loose laid laminate, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations, including direct current (DC) supplied appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-106:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-106:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 60335-2-13:2024

Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances

This European Standard deals with the safety of electric deep fat fryers having a recommended maximum quantity of oil not exceeding 5 l, frying pans, woks and other appliances in which oil is used for cooking, and intended for household use and similar use, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: prEN IEC 60335-2-13:2024; IEC 60335-2-13:2021

Asendab dokumenti: EVS-EN 60335-2-13:2010

Asendab dokumenti: EVS-EN 60335-2-13:2010/A1:2019

Asendab dokumenti: EVS-EN 60335-2-13:2010/A11:2012

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-13:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances

This European Standard deals with the safety of electric deep fat fryers having a recommended maximum quantity of oil not exceeding 5 l, frying pans, woks and other appliances in which oil is used for cooking, and intended for household use and similar use, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: prEN IEC 60335-2-13:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-13:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-16:2024](#)

Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers

IEC 60335-2-16:2022 deals with the safety of electric food waste disposers for household and similar purposes, their rated voltage being not more than 250 V including direct current (DC) supplied appliances and battery-operated appliances. Appliances not intended for normal household use but that nevertheless possibly pose a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account – persons (including children) whose physical, sensory or mental capabilities; or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; – children playing with the appliance. Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements can be necessary; – in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities, leading to restriction of or prohibition of the installation of food waste disposers. This standard does not apply to – portable food waste disposers; – food waste disposers of the incinerator type; – appliances intended exclusively for industrial or commercial purposes; – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas). This sixth edition cancels and replaces the fifth edition published in 2002, Amendment 1:2008 and Amendment 2:2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with IEC 60335-1:2020; b) some notes have been converted to normative text (Clause 1, 22.104); c) addition of temperature rise limits for accessible surface (Clause 11). This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments unless that edition precludes it; in that case, the latest edition that does not preclude it is used. It was established on the basis of the sixth edition (2020) of that standard.

Keel: en

Alusdokumendid: prEN IEC 60335-2-16:2024; IEC 60335-2-16:2022

Asendab dokumenti: EVS-EN 60335-2-16:2003

Asendab dokumenti: EVS-EN 60335-2-16:2003/A1:2008

Asendab dokumenti: EVS-EN 60335-2-16:2003/A11:2018

Asendab dokumenti: EVS-EN 60335-2-16:2003/A2:2012

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-16:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers

Amendment to prEN IEC 60335-2-16:2024

Keel: en

Alusdokumendid: prEN IEC 60335-2-16:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-16:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-17:2024](#)

Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances

This European Standard deals with the safety of electric blankets, pads, clothing and other flexible appliances that heat the bed or human body, for household and similar purposes, their rated voltage being not more than 250 V

Keel: en

Alusdokumendid: prEN IEC 60335-2-17:2024; IEC 60335-2-17:2022

Asendab dokumenti: EVS-EN 60335-2-17:2013

Asendab dokumenti: EVS-EN 60335-2-17:2013/A1:2020
Asendab dokumenti: EVS-EN 60335-2-17:2013/A11:2019
Asendab dokumenti: EVS-EN 60335-2-17:2013/A2:2021
Asendab dokumenti: EVS-EN 60335-2-17:2013+A11+A1:2020
Asendab dokumenti: EVS-EN 60335-2-17:2013+A11+A1+A2:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-17:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances

This European Standard deals with the safety of electric blankets, pads, clothing and other flexible appliances that heat the bed or human body, for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: prEN IEC 60335-2-17:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-17:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-28:2024](#)

Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines

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

Keel: en

Alusdokumendid: prEN IEC 60335-2-28:2024; IEC 60335-2-28:2021

Asendab dokumenti: EVS-EN 60335-2-28:2003

Asendab dokumenti: EVS-EN 60335-2-28:2003/A1:2008

Asendab dokumenti: EVS-EN 60335-2-28:2003/A11:2018

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-28:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines

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

Keel: en

Alusdokumendid: prEN IEC 60335-2-28:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-28:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-3:2024](#)

Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons

This European Standard deals with the safety of electric dry irons and steam irons, including those with a separate water reservoir or boiler having a capacity not exceeding 5 l, for household and similar purposes, their rated voltage being not more than 250 V

Keel: en

Alusdokumendid: prEN IEC 60335-2-3:2024; IEC 60335-2-3:2022

Asendab dokumenti: EVS-EN 60335-2-3:2016

Asendab dokumenti: EVS-EN 60335-2-3:2016/A1:2020

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-3:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons

This European Standard deals with the safety of electric dry irons and steam irons, including those with a separate water reservoir or boiler having a capacity not exceeding 5 l, for household and similar purposes, their rated voltage being not more than 250 V

Keel: en

Alusdokumendid: prEN IEC 60335-2-3:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-3:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-4:2024](#)

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This European Standard deals with the safety of stand-alone electric spin extractors, and pin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: IEC 60335-2-4:2023; prEN IEC 60335-2-4:2024

Asendab dokumenti: EVS-EN IEC 60335-2-4:2023

Asendab dokumenti: EVS-EN IEC 60335-2-4:2023/A11:2023

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-4:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This European Standard deals with the safety of stand-alone electric spin extractors, and pin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: prEN IEC 60335-2-4:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-4:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-59:2024](#)

Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers

This European Standard deals with the safety of electric insect killers for household and similar purposes, their rated voltage being not more than 250 V, including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-59:2024; IEC 60335-2-59:2021

Asendab dokumenti: EVS-EN 60335-2-59:2003

Asendab dokumenti: EVS-EN 60335-2-59:2003/A1:2006

Asendab dokumenti: EVS-EN 60335-2-59:2003/A11:2018

Parandab dokumenti: EVS-EN 60335-2-59:2003/A2:2010

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-59:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers

This European Standard deals with the safety of electric insect killers for household and similar purposes, their rated voltage being not more than 250 V, including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-59:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-59:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEVS-ISO 12039](#)

Paiksete saasteallikate heited. Süsinikmonooksiidi, süsinikdioksiidi ja hapniku määramine suitsugaasides. Automaatmõõteseadmete efektiivsuse näitajad

Stationary source emissions -- Determination of the mass concentration of carbon monoxide, carbon dioxide and oxygen in flue gas -- Performance characteristics of automated measuring systems

See dokument määrab kindlaks süsinikmonooksiidi (CO), süsinikdioksiidi (CO₂) ja hapniku (O₂) automaatsete mõõtesüsteemide põhistruktuuri ja kõige olulisemad karakteristikad, mida kasutatakse paiksete allikate heitmete korral. Selles dokumendis kirjeldatakse nende gaaside kontsentratsioonide mõõtmise meetodeid ja seadmeid

Antud meetod võimaldab CO, CO₂ ja O₂ suitsugaaside kontsentratsiooni pidevat seiret püsivalt paigaldatud mõõtesüsteemidega. See rahvusvaheline standard kirjeldab gaasi väljavõtuga (ekstraktiivse) ja mitteekstraktiivse (saasteallikasiseste (in situ)) süsteeme erinevate analüsaatoritega, mille töö põhineb näiteks järgmistel meetodidel:

- infrapuna kiirguse neeldumise mõõtmine (CO ja CO₂);
- paramagnetismi mõõtmine (O₂);
- tsirkoonium oksidi meetod (O₂);

- elektrokeemiline rakk (O₂);
- timmlaser spektroskoopia (TLS) (CO, CO₂ ja O₂).

Kasutada võib ka muid mõõtemetodeid, eeldusel, et need vastavad käesolevas dokumendis sätestatud miinimumnõuetele.

Eespool loetletud meetoditel põhinevat automaattõotesüsteemi (AMS) on selles rakenduses sobivate mõõtevahemike jaoks näidatud lisas G.

Keel: en

Alusdokumendid: ISO 12039:2019

Asendab dokumenti: EVS-ISO 12039:2006

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEVS-ISO 7503-2

Radioaktiivsuse mõõtmine. Pinna saastatuse mõõtmine ja hindamine. Osa 2: Katsemeetod pühkmeproovide kasutamiseks.

Measurement of radioactivity - Measurement and evaluation of surface contamination -- Part 2: Test method using wipe-test samples (ISO 7503-2:2016, identical).

ISO 7503 (kõik osad) ja ISO 8769 on adresseeritud inimestele, kes vastutavad tahketel pindadel esineva radioaktiivsuse mõõtmise eest.

Seda standardi ISO 7503 osa kohaldatakse kaudse mõõtmismeetodi abil pindade saastatuse hindamisel, aktiivsuse ühikutes pindalaühiku kohta.

See ISO 7503 osa on rakendatav täpselt määratletud pindade korral, nagu seadmete ja abiseadmete pinnad, radioaktiivsete materjalide konteinerid, suletud allikad ning hooned või maa.

Seda ISO 7503 osa saab kasutada labori ja seadmete/paigaldise kontrollimiseks ning puhatamis- ja seiretegevusteks, et täita vabastamise kriteeriume.

See ISO 7503 osa seostub ka institutsioonide/asutustega, kes kontrollivad tuumamaterjali transporti või materjali/seadmete vabastamist vastavalt siseriiklikes õigusaktides kehtestatud suunisväärtustele või rahvusvaheliste konventsioonide piirnormidele.

See ISO7503 osa pole kohaldatav naha, riiete või lahtise materjali, näiteks kruusa, saastumise korral.

MÄRKUS Alfa-, beeta- ja footonkiirgajatega pinnasaaste otsest hindamist käsitleb ISO 7503-1. Radioaktiivse pinnasaaste hindamise mõõteriistade kalibreerimist käsitleb ISO 7503-3.

Keel: en

Alusdokumendid: ISO 7503-2:2016

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEVS-ISO 7935

Paiksete heiteallikate heited – vääveldioksiidide Massikontsentratsiooni määramine suitsugaasides – Automaattõoteseadmete efektiivsuse näitajad.

Stationary source emissions — Determination of the mass concentration of sulfur dioxide in flue gases — Performance characteristics of automated measuring systems

Selles dokumendis täpsustatakse paiksete heiteallikate emissioonigaaside mõõtmiste juures kasutatavate vääveldioksiidide (SO₂) automaattõotesüsteemi (AMS-i) põhikonstruktsiooni ja peamisi efektiivsuse näitajaid.

Antud meetod võimaldab suitsugaasides SO₂ kontsentratsiooni pidevat seiret püsivalt paigaldatud mõõtesüsteemidega.

See dokument kirjeldab gaasi väljavõtu(ekstraktiivse) ja mitteekstraktiivse (saasteallikasiseste (in situ)) süsteeme erinevate analüsaatoritega, mille töö põhineb näiteks järgmistel meetoditel:

- dispersioonita infrapunaspektroskoopia (NDIR);
- Fourier'i teisendusega infrapuna (FTIR) spektroskoopia;
- laser spektroskoopia meetodid või timmlaser spektroskoopia (TLS);
- dispersioonita ultraviolettspektroskoopia (NDUV);
- diferentsiaalne optiline absorptsioonspektrometria (DOAS).

Kasutada võib ka muid samaväärseid mõõtemetodeid, eeldusel, et need vastavad käesolevas dokumendis sätestatud miinimumnõuetele. Mõõtesüsteemi saab valideerida võrdlusmaterjalidega vastavalt käesolevale dokumendile või võrreldavate meetoditega.

Eespool loetletud meetoditel põhinevat automaattõotesüsteemi (AMS) on selles rakenduses sobivate mõõtevahemike jaoks näidatud lisas E.

Keel: en

Alusdokumendid: ISO 7935:2024

Asendab dokumenti: EVS-ISO 7935:2006

Arvamusküsitluse lõppkuupäev: 01.08.2024

EN 10253-2:2021/prA1

Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements

This document specifies the technical delivery requirements for seamless and welded butt welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of carbon and alloy steel in two test categories which are intended for pressure purposes at room temperature, at low temperature or at elevated temperatures, and for the transmission and distribution of fluids and gases.

It specifies:

- a) type of fittings;
type A: Butt-welding fittings with reduced pressure factor;
type B: Butt-welding fittings for use at full service pressure;
- b) steel grades and their chemical compositions;
- c) mechanical properties;
- d) dimensions and tolerances;
- e) requirements for inspection and testing;
- f) inspection documents;
- g) marking;
- h) protection and packaging.

NOTE The selection of the appropriate fitting (material, thickness) is the ultimate responsibility of the manufacturer of the pressure equipment (see European Legislation for Pressure Equipment). In the case of a harmonized supporting standard for materials, presumption of conformity to the ESRs is limited to technical data of materials in the standard and does not presume adequacy of the material to a specific item of equipment. Consequently, it is essential that the technical data stated in the material standard be assessed against the design requirements of this specific item of equipment to verify that the ESRs of the PED are satisfied.

Keel: en

Alusdokumendid: EN 10253-2:2021/prA1

Muudab dokumenti: EVS-EN 10253-2:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 13616-1

Overfill prevention devices for static tanks for liquid fuels - Part 1: Overfill prevention devices with closure device

This document contains requirements, test and assessment methods, marking, labelling and packaging applicable to overfill prevention devices with closure device. The devices are usually composed by:

- sensor;
- evaluation device;
- closure device.

Overfill prevention devices intended to be used in/with underground and/or above ground, non-pressurized, static tanks designed for liquid fuels.

NOTE Liquid fuel means liquids for internal combustion engines, heating/cooling boilers and generators.

Keel: en

Alusdokumendid: prEN 13616-1

Asendab dokumenti: EVS-EN 13616-1:2016

Arvamusküsitluse lõppkuupäev: 01.08.2024

EN IEC 61131-2:202X/prAA:2024

Industrial-process measurement and control - Programmable controllers - Part 2: Equipment requirements and tests

This part of IEC 61131 specifies functional and electromagnetic compatibility requirements and related verification tests for industrial control equipment of the following types:

- programmable controllers (PLC);
- programmable automation controller (PAC);
- remote I/O;
- programming and debugging tools (PADTs);
- industrial PC (computers) and industrial panel PC;

- displays and human-machine Interfaces (HMI) for industrial use;
- distributed control system (DCS), and DCS components that are listed here in the scope;
- any product where the primary purpose is performing the function of industrial control equipment, including PLC and/or PAC, and/or their associated peripherals which have as their intended use the control and command of machines, automated manufacturing and industrial processes, e.g. discrete, batch and continuous control.

In this document "control equipment" is equivalent to "industrial control equipment" as are PLC and PAC.

Keel: en

Alusdokumendid: EN IEC 61131-2:202X/prAA:2024

Muudab dokumenti: FprEN 61131-2:2016

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 14732

Welding personnel - Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials (ISO/DIS 14732:2023)

This document specifies requirements for qualification of welding operators and weld setters for mechanized and automatic welding of metallic materials.

This document does not apply to personnel who:

- do not control or adjust welding parameters; or
- are not involved in the setup of welding equipment.

Annex A specifies requirements for the functional knowledge of the welding unit. Annex B gives guidance on necessary knowledge of welding technology.

Qualification of welding operators and weld setters for friction stir welding and friction stir spot welding are not covered by this document, see ISO 25239-3 and ISO 18785-3 respectively.

The principles of this document may be applied to other processes not covered by this document.

Keel: en

Alusdokumendid: prEN ISO 14732; ISO/DIS 14732:2024

Asendab dokumenti: EVS-EN ISO 14732:2013

Arvamusküsitluse lõppkuupäev: 02.07.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN IEC 61400-5:2020/prA1:2024

Amendment 1 - Wind energy generation systems - Part 5: Wind turbine blades

Amendment to EN IEC 61400-5:2020

Keel: en

Alusdokumendid: 88/1020/CDV; EN IEC 61400-5:2020/prA1:2024

Muudab dokumenti: EVS-EN IEC 61400-5:2020

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 12952-1

Water-tube boilers and auxiliary installations - Part 1: General

1.1 General

This European Standard applies to water-tube boilers with volumes in excess of two litres for the generation of steam and/or hot water at a maximum allowable pressure PS greater than 0,5 bar and with a temperature in excess of 110 °C as well as auxiliary installations (other plant equipment).

The purpose of this European Standard is to ensure that the necessary essential safety requirements according to Annex I of the Pressure Equipment Directive are fulfilled in order to guarantee the safety of water tube boilers.

This aim will be achieved by:

- the proper application of the design, manufacturing, testing and inspection methods and techniques,
- the provision of protective measures against hazards, which cannot be eliminated, and
- the provision of information on residual hazards and other measures to reduce risk, which are incorporated in the various parts of this European Standard.

The requirements of this European Standard take account of pressure-related hazards, which apply to water tube boilers, including failure of pressure-retaining components due to overheating.

This standard recognizes that it is not possible to cover all the combinations of situations that might arise.

1.2 Boiler assembly

For the purpose of this European Standard, the boiler assembly includes:

- the water-tube boiler including all the pressure parts from the feedwater inlet (including the inlet valve) up to and including the steam and/or hot water outlet (including the outlet valve or, if there is no valve, the first circumferential weld or flange downstream of the outlet header);

- all superheaters, reheaters, economizers, that are not capable of isolation from the main system by interposing shut-off valves, associated safety accessories and interconnecting piping;
- additionally, the piping that is connected to the boiler involved in services such as draining, venting, desuperheating, etc., up to and including the first isolating valve in the tubing line downstream of the boiler;
- reheaters which are independently fired, and are separately provided with their safety accessories including all control and safety systems.

The following equipment and components can be integrated in the assembly at the discretion of the manufacturer:

- isolatable superheaters, reheaters, economizers and related interconnecting piping;
- the heat supply or firing system;
- the means of preparing and feeding the fuel to the boiler including the control systems;
- the means of providing the boiler with feedwater including the control system;
- the pressure expansion vessels and tanks of hot water generating plant.

1.3 Other plant equipment

- a) The boiler supporting structural steelwork, the thermal insulation and/or brickwork and the casing;
- b) the means of providing the boiler with air including the forced draught fans and air pre-heaters which are heated by the gases of combustion;
- c) the facilities for moving flue gases through the boiler up to the stack inlet, including the induced draught fans and the air pollution reducing equipment located in the flue gas removal path;
- d) all other equipment necessary for the operation of the boiler plant.

1.4 Exclusions

This European Standard does not apply to the following types of boiler plant:

- a) boilers other than stationary boilers;
- b) shell type boilers;
- c) electrical boilers;
- d) nuclear primary circuits, the failure of which can cause an emission of radioactivity.

Keel: en

Alusdokumendid: prEN 12952-1

Asendab dokumenti: EVS-EN 12952-1:2015

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-104:2024](#)

Household and similar electrical appliances - Safety - Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment

This European Standard deals with the safety of electrical recovery and/or recycle equipment to recover and/or recycle refrigerant from air conditioning and refrigeration equipment.

Keel: en

Alusdokumendid: prEN IEC 60335-2-104:2024; IEC 60335-2-104:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-104:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment

This European Standard deals with the safety of electrical recovery and/or recycle equipment to recover and/or recycle refrigerant from air conditioning and refrigeration equipment.

Keel: en

Alusdokumendid: prEN IEC 60335-2-104:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-104:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN ISO 17831-1](#)

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets (ISO/DIS 17831-1:2024)

ISO 17831-1:2015 defines a determination method for testing the mechanical durability of pellets. The mechanical durability is a measure of the resistance of compressed fuels towards shocks and/or abrasion as a consequence of handling and transportation.

Keel: en

Alusdokumendid: ISO/DIS 17831-1; prEN ISO 17831-1

Asendab dokumenti: EVS-EN ISO 17831-1:2015

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 17831-2

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 2: Briquettes (ISO/DIS 17831-2:2024)

ISO 17831-2:2015 defines a method for determining the mechanical durability of briquettes. The mechanical durability is a measure of the resistance of compressed fuels towards shocks and/or abrasion as a consequence of handling and transportation.

Keel: en

Alusdokumendid: ISO/DIS 17831-2; prEN ISO 17831-2

Asendab dokumenti: EVS-EN ISO 17831-2:2015

Arvamusküsitluse lõppkuupäev: 01.08.2024

29 ELEKTROTEHNIKA

EN IEC 60079-25:2022/prA1:2024

Amendment 1 - Explosive atmospheres - Part 25: Intrinsically safe electrical systems

Amendment to EN IEC 60079-25:2022

Keel: en

Alusdokumendid: 31G/396/CDV; EN IEC 60079-25:2022/prA1:2024

Muudab dokumenti: EVS-EN IEC 60079-25:2022

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 61439-8:2024

Low-voltage switchgear and controlgear assemblies - Part 8: Assemblies for use in photovoltaic installations

This part of the IEC 61439 series specifies requirements for the design and verification of assemblies for use in photovoltaic installations. Such photovoltaic assemblies are designated PVAs.

PVAs have the following characteristics:

- assemblies used for the combination or recombination of electrical energy in DC systems for which the voltage does not exceed 1 500 V DC and supply to an AC network where the voltage does not exceed 1 000 V AC;
- stationary assemblies with an enclosure;
- assemblies intended for operation by authorised persons (see 3.7.17 of IEC 61439-1:2020), but can be located in an area accessible to ordinary persons;
- suitable for indoor or outdoor installation.

NOTE: PV installations having PV modules with micro-inverters that are connected directly to inter-connection assemblies according to IEC 61439-2 or IEC 61439-3 are not covered by this document.

This document identifies definitions, specifies the service conditions, details the construction requirements, defines the technical characteristics, and provides verifications for PVAs.

PVAs can also include control and/or signaling devices associated with the distribution of electrical energy.

This document applies to all PVAs whether they are designed and manufactured on a one-off basis or fully standardized and manufactured in quantity.

The manufacture and/or assembly can be carried out by an entity other than the original manufacturer (see 3.10.1 of IEC 61439-1:2020). This document does not apply to individual devices, for example, circuit-breakers, fuse switches and self-contained components such as, motor starters, power electronic converter systems and equipment (PECS), switch mode power supplies (SMPS), uninterruptable power supplies (UPS), basic drive modules (BDM), complete drive modules (CDM), adjustable speed power drives systems (PDS), stand-alone energy storage systems (battery and capacitor systems), other electronic equipment which comply with their relevant product standards, and junction boxes for photovoltaic modules. This document describes their integration into a PVA or an empty enclosure used as a part of a PVA.

For some applications, such as explosive atmospheres and/or functional safety, there may be a need to comply with the requirements of other standards or legislation in addition to those specified in the IEC 61439 series. This document does not apply to the specific types of assemblies covered by other parts of IEC 61439.

Keel: en

Alusdokumendid: 121B/199/CDV; prEN IEC 61439-8:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 63522-27:2024

Electrical relays - Testing and measurement - Part 27: Electrical contact noise

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

The object of this test is to define a standard test method for electrical contact noise.

Note: The measurement electrical contact noise is depending on the relay design as well the complete test setup and therefore influenced by any parameters. It is recommended to define the entire set-up with the customer.

Keel: en

Alusdokumendid: 94/1011/CDV; prEN IEC 63522-27:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 63522-28:2024

Electrical relays - Tests and measurement - Part 28: Thermoelectric electromotive force (e.m.f.)

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

The object of this test is to define a standard test method for thermoelectric electromotive force(e.m.f.).

Note: If different metals are attached at both ends and the temperatures where the metals are connected are held at different temperatures, current will flow in one direction in the circuit. The electromotive force that causes this current is called thermoelectromotive force.

Keel: en

Alusdokumendid: 94/1012/CDV; prEN IEC 63522-28:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 63522-38:2024

Electrical relays - Testing and measurement - Part 38: Mechanical interlock

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

The object of this test is to define a standard test method for mechanical interlock.

This test is applicable to the elementary relays which have the mechanical interlocking mechanism.

Note: The electrical interlocking is not applicable to this test.

Keel: en

Alusdokumendid: 94/1013/CDV; prEN IEC 63522-38:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 63522-44:2024

Electrical relays - Tests and measurements - Part 44: Corrosive atmosphere due to salt mist

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for salt mist.

Keel: en

Alusdokumendid: 94/1015/CDV; prEN IEC 63522-44:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 63522-46:2024

Electrical relays - Tests and measurements - Part 46: Impulse voltage test

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

The object of this test is to define a standard test method for impulse voltage test.

Note : Requirement for surge immunity related to electromagnetic capability (EMC) is covered by IEC 63522-42

Keel: en

Alusdokumendid: 94/1014/CDV; prEN IEC 63522-46:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 63522-49:2024

Electrical relays - Tests and measurements - Part 49: Long term stability of sealing

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

The object of this test is to define a standard test method for long term stability of sealing.

Keel: en

Alusdokumendid: 94/1016/CDV; prEN IEC 63522-49:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

EN 62148-2:2011/prA1:2024

Amendment 1 - Fibre optic active components and devices - Package and interface standards - Part 2: SFF 10-pin transceivers

Amendment to EN 62148-2:2011

Keel: en

Alusdokumendid: 86C/1922/CDV; EN 62148-2:2011/prA1:2024

Muudab dokumenti: EVS-EN 62148-2:2011

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 302 307-2 V1.4.1

Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications; Part 2: DVB-S2 Extensions (DVB-S2X)

The present document specifies the optional extensions of the S2 system, identified by the S2X denomination. The present document also includes amendments to the standard to enable beam hopping operation.

Keel: en

Alusdokumendid: Draft ETSI EN 302 307-2 V1.4.1

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 61753-022-13:2024

Fibre optic interconnecting devices and passive components - Performance standard - Part 022-13: Multimode fibre optic connectors terminated as pigtails and patchcords for category OP+ HD- Extended outdoor protected environment with additional heat dissipation

This part of IEC 61753 contains the minimum requirements and severities which multimode fibre optic connectors terminated as a pigtail and a patchcord need to meet in order to be categorized as meeting the IEC standard category OP+ HD 71 (Extended outdoor protected environment with additional heat dissipation), as defined in IEC 61753-1. If tests are performed on the connectors terminated as pigtails or patchcords for category OP+ HD 73, and the product passes, the product will be automatically qualified or categorized as meeting the IEC standard for categories OP+, OP, OPHD, C and CH 75.

Keel: en

Alusdokumendid: 86B/4905/CDV; prEN IEC 61753-022-13:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 63185:2024

Measurement of the complex permittivity for low-loss dielectric substrates balanced-type circular disk resonator method

This document relates to a measurement method for complex permittivity of a dielectric substrates at microwave and millimeter-wave frequencies. This method has been developed to evaluate the dielectric properties of low-loss materials used in microwave and millimeter-wave circuits and devices. It uses higher-order modes of a balanced-type circular disk resonator and provides broadband measurements of dielectric substrates by using one resonator, where the effect of excitation holes and that of fringing fields are taken into account accurately on the basis of the mode-matching analysis. In comparison with the conventional method described in IEC 62810 and IEC 61338-1-3, this method has the following characteristics:

- the values of the relative permittivity ϵ_r' 104 and loss tangent $\tan \delta$ normal to dielectric plate samples can be measured accurately and non-destructively;
- this method presents broadband measurements by using higher-order modes by one resonator;
- this method is applicable for the measurements on the following condition:
 - frequency: $10 \text{ GHz} \leq f \leq 170 \text{ GHz}$;
 - relative permittivity: $1 \leq \epsilon_r' \leq 10$;
 - loss tangent: $10^{-4} \leq \tan \delta \leq 10^{-2}$.

Keel: en

Alusdokumendid: 46F/672/CDV; prEN IEC 63185:2024

Asendab dokumenti: EVS-EN IEC 63185:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

EN IEC 61131-2:202X/prAA:2024**Industrial-process measurement and control - Programmable controllers - Part 2: Equipment requirements and tests**

This part of IEC 61131 specifies functional and electromagnetic compatibility requirements and related verification tests for industrial control equipment of the following types:

- programmable controllers (PLC);
- programmable automation controller (PAC);
- remote I/O;
- programming and debugging tools (PADTs);
- industrial PC (computers) and industrial panel PC;
- displays and human-machine Interfaces (HMI) for industrial use;
- distributed control system (DCS), and DCS components that are listed here in the scope;
- any product where the primary purpose is performing the function of industrial control equipment, including PLC and/or PAC, and/or their associated peripherals which have as their intended use the control and command of machines, automated manufacturing and industrial processes, e.g. discrete, batch and continuous control.

In this document "control equipment" is equivalent to "industrial control equipment" as are PLC and PAC.

Keel: en

Alusdokumendid: EN IEC 61131-2:202X/prAA:2024

Muudab dokumenti: FprEN 61131-2:2016

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 19152-4**Geographic information - Land Administration Domain Model (LADM) - Part 4: Valuation information (ISO/DIS 19152-4:2024)**

This part of ISO 19152 provides the concepts and detailed structure for standardization in the land administration domain. In order to achieve public policy objectives, some regulations use geographical spaces for mandating or enabling particular behaviours or outcomes.

This part of ISO 19152 defines a general schema for valuation information systems in the context of the land administration.

It is designed to represent all stages of administrative property valuation, namely representation of parties involved in valuations, identification of properties, assessment of properties through single or mass appraisal procedures, recording transaction prices, generation and representation of sales statistics, and dealing with appeals. The proposed model in this standard may provide public bodies a common basis for the development of local and/or national information models and databases, enabling the integration of valuation databases with land administration databases, and can act as a guide for the private sector

The first edition of LADM standard, ISO 19152:2012 concentrated on Land Administration and value component of land administration was considered in out of scope. This information is now included in Part 4 with a more general perspective. This part of the standard provides an abstract, conceptual model related to

- value (valuation, mass valuation);
- transaction prices;
- sales statistics;
- valuation units (parcel, building, condominium unit, valuation unit group)

Keel: en

Alusdokumendid: ISO/DIS 19152-4; prEN ISO 19152-4

Asendab dokumenti: EVS-EN ISO 19152:2012

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEVS-ISO/IEC 20546**Infotehnoloogia. Suurandmed. Ülevaade ja sõnavara****Information technology -- Big data -- Overview and vocabulary (ISO/IEC 20546:2019, identical)**

Antud dokument on loodud erialaste terminite ja definitsioonide kogumikuna, mis võimaldaks edendada paremat kommunikatsiooni ja arusaamist käsitletavast valdkonnast. See saab olema terminoloogiline baas suurandmete standardite koostamiseks.

Dokument annab kontseptuaalse ülevaate suurandmete valdkonnast, kirjeldab selle seoseid teiste tehniliste alade ja standardite loomise protsessidega ning tutvustab suurandmete valdkonnas levinud ja tuntud käsitlusviise.

Keel: en

Alusdokumendid: ISO/IEC 20546:2019

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEVS-ISO/IEC 25010

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 võrdluse mudeli 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 lisa C.

Keel: en

Alusdokumendid: ISO/IEC 25010:2023

Asendab dokumenti: EVS-ISO/IEC 25010:2011

Arvamusküsitluse lõppkuupäev: 01.08.2024

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 62840-2:2024

Electric vehicle battery swap system - Part 2: Safety requirements

This part of IEC 62840 provides the safety requirements for a battery swap system, for the purposes of swapping swappable battery system (SBS)/removable battery system (RBS) of electric vehicles. The battery swap system is intended to be connected to the supply network. The power supply is up to 1 000 V AC or up to 1 500 V DC in accordance with IEC 60038.

This standard also applies to battery swap systems supplied from on-site storage systems (e.g. buffer batteries). Aspects covered in this standard:

- safety requirements of the battery swap system and/or its systems;
- security requirements for communication;
- electromagnetic compatibility (EMC);
- Marking and instructions;
- protection against electric shock and other hazards.

This standard is applicable to battery swap systems for EV equipped with one or more SBS/RBS.

This standard is not applicable to:

- aspects related to maintenance and service of the battery swap station (BSS);
- trolley buses, rail vehicles and vehicles designed primarily for use off-road;
- maintenance and service of EVs.

Keel: en

Alusdokumendid: 69/955/CDV; prEN IEC 62840-2:2024

Asendab dokumenti: EVS-EN IEC 62840-2:2019

Arvamusküsitluse lõppkuupäev: 01.08.2024

47 LAEVAEHITUS JA MERE-EHITISED

EN IEC 62288:2022/prA1:2024

Amendment 1 - Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results

Amendment to EN IEC 62288:2022

Keel: en

Alusdokumendid: 80/1117/CDV; EN IEC 62288:2022/prA1:2024
Muudab dokumenti: EVS-EN IEC 62288:2022

Arvamusküsitluse lõppkuupäev: 01.08.2024

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 2450

Aerospace series - Steel 31NiMoCr10-5-3 - 1 230 MPa ≤ Rm ≤ 1 420 MPa - Bars - De ≤ 40 mm

This document specifies the requirements relating to:

Steel 31NiMoCr10-5-3

1 230 MPa ≤ Rm ≤ 1 420 MPa

Bars

De ≤ 40 mm

for aerospace applications.

ASD-STAN designation: FE-PL73.

Keel: en

Alusdokumendid: prEN 2450

Asendab dokumenti: EVS-EN 2450:2018

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 2451

Aerospace series - Steel 31NiMoCr10-5-3 - 1 230 MPa ≤ Rm ≤ 1 420 MPa - Forgings - De ≤ 40 mm

This document specifies the requirements relating to:

Steel 31NiMoCr10-5-3

1 230 MPa ≤ Rm ≤ 1 420 MPa

Forgings

De ≤ 40 mm

for aerospace applications.

ASD-STAN designation: FE-PL73.

Keel: en

Alusdokumendid: prEN 2451

Asendab dokumenti: EVS-EN 2451:2019

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 4902

Aerospace series - Surface treatments - Definitions and test methods

This document specifies definitions to be used in documents related to surface treatments and test methods that can be referred by surface treatment standards.

Keel: en

Alusdokumendid: prEN 4902

Arvamusküsitluse lõppkuupäev: 02.07.2024

prEN 6049-009

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 009: Self-wrapping fire protection sleeve, flexible, post-installation, operating temperature from -55 °C to 260 °C - Product standard

This document specifies the characteristics of post installation flexible self-wrapping fire protection sleeves for electrical cable and cable bundles, providing 360° fire protection to electrical harnesses. The sleeve assembly gives fire resistance protection to the internal electrical harness against fire for five minutes and ensures that the electrical characteristics of cables will not be degraded.

Keel: en

Alusdokumendid: prEN 6049-009

Asendab dokumenti: EVS-EN 6049-009:2016

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 14238**Cranes - Manually controlled load manipulators**

This document specifies requirements for manually controlled load manipulating cranes (herein referred to as manipulators), powered by an energy other than human energy, to assist an operator in the handling of loads.

This document does not cover:

- mechanically operated balancers that are based on springs, counterweights or automatons;
- manipulating robots;
- operation in severe conditions (e.g. extreme environmental conditions such as: freezer applications, high temperatures, corrosive environment, strong magnetic fields);
- operation subject to special rules;
- handling of loads the nature of which could lead to dangerous situations (e.g. molten metal, acids/alkalies, radiating materials, specially brittle loads);

NOTE High risk applications are dealt by EN 13135:2018 and EN 13001-2:2021.

- hazards occurring during construction, transportation, decommissioning and disposal.

This document does not cover hazards related to the lifting of persons.

The significant hazards covered by this document are identified in Annex A. For hazards that are not significant, EN ISO 12100:2010 applies.

This document is not applicable to manipulators manufactured before the date of its publication.

Keel: en

Alusdokumendid: prEN 14238

Asendab dokumenti: EVS-EN 14238:2004+A1:2009

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 14973**Conveyor belts for use in underground installations - Electrical and flammability safety requirements**

This document specifies electrical and flammability safety requirements for conveyor belts intended for use in underground installations, in the presence of flammable or non-flammable atmospheres.

Conveyor belts covered by this document and intended for use in flammable atmospheres are intended for use on conveyor belt installations (machinery in mines). The belt is a component or part of equipment, which can be incorporated into the conveyor, which is an equipment of Group I, Category M2, as defined in 3.2.2 of EN ISO 80079-36:2016.

This document is not applicable to light conveyor belts as described in EN ISO 21183-1:2006 nor is it applicable to conveyor belts which are manufactured before the date of publication of this document by CEN.

This document deals with those significant hazards detailed in A.1.

Attention is drawn to Annexes ZA and ZB.

NOTE A summary of the requirements of this document is given in Table 2. This is intended for quick reference only.

Keel: en

Alusdokumendid: prEN 14973

Asendab dokumenti: EVS-EN 14973:2015

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 10896-2**Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing trucks (ISO/DIS 10896-2:2024)**

ISO 10896-2:2016 specifies general safety requirements for slewing rough-terrain variable-reach trucks (hereafter known as "trucks"), consisting of a lower chassis with a slewing upper structure equipped with a telescopic lifting means (pivoted boom), on which a load handling device (e.g., carriage and fork arms) is typically fitted. Fork arms and other integrated attachments are considered to be parts of the truck.

Other standards, in addition to the relevant provisions of this part of ISO 10896, can apply to the attachments.

ISO 10896-2:2016 is not applicable to the following:

- a) rough terrain variable-reach trucks covered by ISO 10896-1 (non-slewing);
- b) industrial variable-reach trucks covered by ISO 3691-2;
- c) mobile cranes;
- d) machines designed primarily for earth-moving, such as loaders, even if their buckets are replaced by fork arms (see ISO 20474);
- e) trucks designed primarily with variable-length load suspension elements (e.g. chain, ropes) from which the load may swing freely in all directions;

NOTE Additional requirements for trucks intended for freely swinging load applications, their lifting devices and attachments, and personnel/work platform applications on trucks, are being developed by ISO/TC 110/SC4.

f) trucks designed primarily for container handling.

The significant hazards covered by this part of ISO 10896 are listed in Annex A. This part of ISO 10896 does not address hazards that can occur

- during manufacture,
- when handling suspended loads, which may swing freely,
- when lifting personnel,
- when using trucks on public roads,
- when operating in potentially explosive atmospheres, or
- with a battery, LPG or hybrid as the primary power source.

Keel: en

Alusdokumendid: ISO/DIS 10896-2; prEN ISO 10896-2

Arvamusküsitluse lõppkuupäev: 01.08.2024

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

[EN IEC 60335-2-75:2023/prAB:2024](#)

Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines

This European Standard deals with the safety of electric commercial dispensing appliances and vending machines for preparation or delivery of food, drinks and consumer products, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: EN IEC 60335-2-75:2023/prAB:2024

Muudab dokumenti: EVS-EN IEC 60335-2-75:2023

Muudab dokumenti: EVS-EN IEC 60335-2-75:2023+A1+A11+A2:2023

Arvamusküsitluse lõppkuupäev: 01.08.2024

61 RÕIVATÖÖSTUS

[prEN IEC 60335-2-28:2024](#)

Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines

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

Keel: en

Alusdokumendid: prEN IEC 60335-2-28:2024; IEC 60335-2-28:2021

Asendab dokumenti: EVS-EN 60335-2-28:2003

Asendab dokumenti: EVS-EN 60335-2-28:2003/A1:2008

Asendab dokumenti: EVS-EN 60335-2-28:2003/A11:2018

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-28:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines

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

Keel: en

Alusdokumendid: prEN IEC 60335-2-28:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-28:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

67 TOIDUAINETE TEHNOLOOGIA

[prEN 18082](#)

Foods of animal origin - Multimethod for the determination of pesticide residues using LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE

This document specifies a method for the analysis of pesticide residues in foods of animal origin with a fat content of up to approximately 10 %, such as meat, egg or milk by LC-MS/MS. Because of the low material requirements for miniaturized processing and the few work steps, the process is particularly time and cost-saving with high reliability and effectiveness. The

method has been collaboratively studied on a number of commodity/pesticide combinations. Precision data are summarized in Table B.1. Guidelines for calibration are outlined in CEN/TS 17061.

Keel: en

Alusdokumendid: prEN 18082

Arvamusküsitluse lõppkuupäev: 01.08.2024

71 KEEMILINE TEHNOLOOGIA

prEN 1278

Chemicals used for treatment of water intended for human consumption - Ozone

This document is applicable to ozone used for treatment of water intended for human consumption. It describes the characteristics of ozone, specifies tests methods for determining the ozone concentration in gases and determines rules for safe handling of the chemical ozone.

Keel: en

Alusdokumendid: prEN 1278

Asendab dokumenti: EVS-EN 1278:2010

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 15074

Chemicals used for treatment of swimming pool water - Ozone

This document is applicable to ozone used for treatment of water for swimming pools. It describes the composition of ozone. It gives information on its use in swimming pool water treatment. It also determines the rules relating to safe handling and use (see Annex B).

Keel: en

Alusdokumendid: prEN 15074

Asendab dokumenti: EVS-EN 15074:2014

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 15077

Chemicals used for treatment of swimming pool water - Sodium hypochlorite

This document is applicable to sodium hypochlorite used directly or for the production of formulations for treating swimming pool water. It describes the characteristics of sodium hypochlorite and specifies the requirements and the corresponding test methods for sodium hypochlorite. It gives information on its use for treating swimming pool water.

Keel: en

Alusdokumendid: prEN 15077

Asendab dokumenti: EVS-EN 15077:2013

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 60335-2-104:2024

Household and similar electrical appliances - Safety - Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment

This European Standard deals with the safety of electrical recovery and/or recycle equipment to recover and/or recycle refrigerant from air conditioning and refrigeration equipment.

Keel: en

Alusdokumendid: prEN IEC 60335-2-104:2024; IEC 60335-2-104:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 60335-2-104:2024/prAA:2024

Household and similar electrical appliances - Safety - Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment

This European Standard deals with the safety of electrical recovery and/or recycle equipment to recover and/or recycle refrigerant from air conditioning and refrigeration equipment.

Keel: en

Alusdokumendid: prEN IEC 60335-2-104:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-104:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

EVS-EN 589:2024/prNA

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa Automotive fuels - LPG - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 589:2024

Keel: et

Täiendab rahvuslikult dokumenti: EVS-EN 589:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 14078

Liquid petroleum products - Determination of fatty acid methyl ester (FAME) content in middle distillates - Infrared spectrometry method

This document specifies a test method for the determination of Fatty Acid Methyl Ester (FAME) content in diesel fuel or domestic heating fuel by mid infrared spectrometry, which applies to FAME contents of the three measurement ranges as follows:

- range A: for FAME contents ranging from approx. 0,05 % (V/V) to approx. 3 % (V/V);
- range B: for FAME contents ranging from approx. 3 % (V/V) to approx. 20 % (V/V);
- range C: for FAME contents ranging from approx. 20 % (V/V) to approx. 50 % (V/V).

Principally, higher FAME contents can also be analysed if diluted; however, no precision data for results outside the specified range is available at present.

This test method was verified to be applicable to samples which contain FAME conforming to EN 14214. Reliable quantitative results are obtained only if the samples do not contain any significant amounts of other interfering components, especially esters and other carbonyl compounds which possess absorption bands in the spectral region used for quantification of FAME. If such interfering components are present, this test method is expected to produce higher values.

NOTE 1 For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction (φ) of a material.

NOTE 2 For conversion of grams FAME per litre (g FAME/l) to volume fraction, a fixed density for FAME of 883,0 kg/m³ is adopted.

WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 14078

Asendab dokumenti: EVS-EN 14078:2014

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 17831-1

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets (ISO/DIS 17831-1:2024)

ISO 17831-1:2015 defines a determination method for testing the mechanical durability of pellets. The mechanical durability is a measure of the resistance of compressed fuels towards shocks and/or abrasion as a consequence of handling and transportation.

Keel: en

Alusdokumendid: ISO/DIS 17831-1; prEN ISO 17831-1

Asendab dokumenti: EVS-EN ISO 17831-1:2015

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 17831-2

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 2: Briquettes (ISO/DIS 17831-2:2024)

ISO 17831-2:2015 defines a method for determining the mechanical durability of briquettes. The mechanical durability is a measure of the resistance of compressed fuels towards shocks and/or abrasion as a consequence of handling and transportation.

Keel: en

Alusdokumendid: ISO/DIS 17831-2; prEN ISO 17831-2

Asendab dokumenti: EVS-EN ISO 17831-2:2015

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEVS-ISO 6743-6

Määrdeained, tööstusõlid ja nendega seotud tooted (klass L). Klassifikatsioon. Osa 6: tüüp C (hammasülekanne süsteemid)

Lubricants, industrial oils and related products (class L) -- Classification -- Part 6: Family C (gear systems) (ISO 6743-6:2018, identical)

See dokument kehtestab üksikasjaliku määratluse määrdeainete tüübile C (hammasülekanded), mis kuulub klassi L (määrdeained, tööstusõlid ja nendega seotud tooted). Seda ISO 6743 osa saab lugeda koos standardiga ISO 6743-99. Selles dokumendis sisalduv klassifikatsioon puudutab vaid määrdeaineid tööstuslikele hammasülekannetele ja ei sisalda määrdeaineid mootorsõidukide hammasülekannetele.

Keel: en

Alusdokumendid: ISO 6743-6:2018

Asendab dokumenti: EVS-ISO 6743-6:2012

Arvamusküsitluse lõppkuupäev: 01.08.2024

77 METALLURGIA

EN 10253-2:2021/prA1

Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements

This document specifies the technical delivery requirements for seamless and welded butt welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of carbon and alloy steel in two test categories which are intended for pressure purposes at room temperature, at low temperature or at elevated temperatures, and for the transmission and distribution of fluids and gases.

It specifies:

- a) type of fittings;
type A: Butt-welding fittings with reduced pressure factor;
type B: Butt-welding fittings for use at full service pressure;
- b) steel grades and their chemical compositions;
- c) mechanical properties;
- d) dimensions and tolerances;
- e) requirements for inspection and testing;
- f) inspection documents;
- g) marking;
- h) protection and packaging.

NOTE The selection of the appropriate fitting (material, thickness) is the ultimate responsibility of the manufacturer of the pressure equipment (see European Legislation for Pressure Equipment). In the case of a harmonized supporting standard for materials, presumption of conformity to the ESRs is limited to technical data of materials in the standard and does not presume adequacy of the material to a specific item of equipment. Consequently, it is essential that the technical data stated in the material standard be assessed against the design requirements of this specific item of equipment to verify that the ESRs of the PED are satisfied.

Keel: en

Alusdokumendid: EN 10253-2:2021/prA1

Muudab dokumenti: EVS-EN 10253-2:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 12392

Aluminium and aluminium alloys - Wrought products and cast products - Special requirements for products intended for the production of pressure equipment

This document specifies the material requirements and testing procedures applicable to wrought and cast aluminium and aluminium alloys intended for use in the production of pressure equipment.

This document covers:

- the products forms, grades and tempers of wrought and cast aluminium and aluminium alloys which can be used for such applications together with data for wrought and cast alloys over their permissible working temperature ranges;
- the technical conditions for inspection and delivery, mechanical property limits and tolerances on form and dimensions by reference to the appropriate European standards for the relevant wrought and cast aluminium and aluminium alloys;
- additional requirements which are specific to pressure equipment applications.

It applies to hot-rolled plate, cold-rolled sheet/ strip/ circles, extruded or extruded and cold drawn rod/bar, tube, extruded open / hollow profiles, forgings and castings. Considering this, this document is intended to be used in conjunction with EN 573 series, EN 485 series, EN 941, EN 754 series, EN 755 series, EN 586 series and EN 1706. The materials and application ranges covered by this document are those given in Annex A, Table A.1 for wrought alloys and Table A.2 for castings.

The objective of this document is to only cover the materials used for components of pressure equipment. Fabrication or fabrication methods for pressure equipment are excluded from this document and can be found in the relevant standards listed in the "Bibliography".

Keel: en

Alusdokumendid: prEN 12392
Asendab dokumenti: EVS-EN 12392:2016+A1:2022
Arvamusküsitluse lõppkuupäev: 01.08.2024

79 PUIDUTEHNOLOOGIA

prEN 12369-1

Wood-based panels - Characteristic values for structural design - Part 1: OSB, particleboards and fibreboards

This document provides information on the characteristic values for use in designing structures incorporating wood-based panels. The characteristic values given are as defined in EN 1995-1-1.

This document includes the characteristic values of both the mechanical properties and density for the panels set out below:

- OSB/2, OSB/3 and OSB/4, complying with EN 300;
- Particleboard, P4, P5 P6, P7 complying with EN 312;
- Hardboard, HB.HLA2 complying with EN 622-2;
- Medium board, MBH.LA2 complying with EN 622-3;
- MDF.LA and MDF.HLS complying with EN 622-5;
- MDF.RWH complying with EN 622-5.

Keel: en

Alusdokumendid: prEN 12369-1
Asendab dokumenti: EVS-EN 12369-1:2005

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 12369-2

Wood-based panels - Characteristic values for structural design - Part 2: Plywood

This document provides information on the characteristic values for use in designing structures incorporating wood-based panels. The characteristic values given are as defined in EN 1995 1-1.

When utilizing the classification system for derivation of plywood characteristic values, this document can only be applied with reference to EN 636.

This document includes the characteristic values of the mechanical properties for plywood complying with EN 636 in bending, tension, compression, panel shear and planar shear. EN 636 classifies bending properties into two sets of classes, one for stiffness and another for strength. Stiffness and strength in tension and compression are related to the same properties in bending.

For shear properties, fixed values determined by correlation to density are provided.

Where optimized values are needed, the characteristic values are determined directly by testing in accordance with EN 789 and EN 1058 or by combination of testing according to the latter two standards and calculation according to EN 14272.

This document applies to panels complying with the three following conditions:

- 5 layers or more and 6 mm overall thickness and more;
- the ratio of the cumulative thickness of veneers in alternate directions does not exceed 2,5;
- wood species with a mean density greater than 350 kg/m³ and not exceeding 750 kg/m³.

Keel: en

Alusdokumendid: prEN 12369-2
Asendab dokumenti: EVS-EN 12369-2:2011

Arvamusküsitluse lõppkuupäev: 01.08.2024

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN 18080

Glass in building - Reaction to fire - Mounting and fixing instructions for glass products and extended application of test results

This document gives precisions on the mounting and fixing rules for testing glass products and provides guidance. Where appropriate, it defines procedures for extended application of test results obtained in accordance with EN ISO 1716, EN ISO 11925-2, EN ISO 1182 and EN 13823 and classified according to EN 13501-1.

NOTE Some glass products have been classified A1 according to Commission decision 96/603/EC.

This document is not applicable to laminated glass comprising plastic glazing sheet material.

This document is not applicable to joints and cables, glues, mounting seals and any fixing devices used to install the glass product.

Keel: en

Alusdokumendid: prEN 18080

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 16276-1

Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating - Part 1: Pull-off testing (ISO/DIS 16276-1:2024)

ISO 16276-1:2007 specifies procedures for assessing the fracture strength of a protective paint coating of any thickness on a steel substrate of thickness not less than 10 mm. The procedures given in this part of ISO 16276 are based on methods used with different types of pull-off test equipment. The results obtained using such different types of equipment are not comparable. This part of ISO 16276 also specifies suitable equipment and defines inspection areas, sampling plans and acceptance/rejection criteria.

It does not give any values of the fracture strength of different protective paint coatings.

Keel: en

Alusdokumendid: ISO/DIS 16276-1; prEN ISO 16276-1

Asendab dokumenti: EVS-EN ISO 16276-1:2007

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN ISO 16276-2

Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating - Part 2: Cross-cut testing and X-cut testing (ISO/DIS 16276-2:2024)

ISO 16276-2:2007 specifies procedures for rating the resistance of coating systems when a cut in the form of a right-angle lattice pattern (cross-cut) or in the form of an X (X-cut) is made into the coating, penetrating through to the substrate.

It also specifies suitable equipment and defines inspection areas, sampling plans and acceptance/rejection criteria.

It does not specify ratings for particular coating systems.

Keel: en

Alusdokumendid: ISO/DIS 16276-2; prEN ISO 16276-2

Asendab dokumenti: EVS-EN ISO 16276-2:2007

Arvamusküsitluse lõppkuupäev: 01.08.2024

91 EHITUSMATERJALID JA EHITUS

prEN 1886

Ventilation for buildings - Air handling units - Mechanical performance

This document specifies test methods, test requirements and classifications for the casings of non-residential air handling units (AHU).

The test methods and requirements are applicable to both complete units and any separate sections, except for the thermal and acoustic performance of the casing.

The test method for the thermal performance of the casing is applicable for the comparison of different casing constructions, but not for the calculation of thermal losses through casing or the risk of condensation.

The test method for the acoustic performance of the casing is applicable for the comparison of different constructions, but not for the provision of accurate acoustic data for specific units.

This document is not applicable for fan-coil units and similar products.

The filter bypass test specified in this document is not applicable to high efficiency particulate air filter (HEPA) installations.

Keel: en

Alusdokumendid: prEN 1886

Asendab dokumenti: EVS-EN 1886:2007

Arvamusküsitluse lõppkuupäev: 01.08.2024

93 RAJATISED

prEN 12272-1

Surface dressing - Test methods - Part 1: Rate of spread and accuracy of spread of binder and chippings

This document specifies test methods for determining the rates of spread and accuracy of spread of binder and chippings of a surface dressing on a section of road at a given time.

This test method can also be used for determining the rate of spread and accuracy of spread of sprayed bituminous emulsions e.g. when used as bond coats or asphalt preservation systems. The performance categories for binder rate of spread and accuracy of spread in EN 12271 do not apply to bond coats and tack coats.

The test methods are used on site to check the ability of binder sprayers and chipping spreaders to meet the intended rates of spread and tolerances and coefficients of variation.

The test methods can be used to fulfil the Factory Production Control requirements:

- equipment calibration (EN 12271 - Annex B - Table B2);
- production inspection (EN 12271 - Annex B - Table B6).

The calibration of binder and chipping spreaders requires strict application of the procedures described in this document.

Using these methods for inspections during production (FPC), allows certain changes to these methods due to the specificity of certain sites and materials used (e.g. combined chipping-binder spreaders). In this case, the changes are documented in the Factory Production Control and identified in the test reports.

Other test methods used to check the rate of spread and accuracy of spread of binder, such as the static spray bar bench test for sprayers, are not covered by this document, although the test methods in this document can be used for this purpose.

WARNING - The use of this document can involve hazardous operations. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety practices and determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 12272-1

Asendab dokumenti: EVS-EN 12272-1:2002

Arvamusküsitluse lõppkuupäev: 01.08.2024

97 OLME. MEELELAHUTUS. SPORT

EN IEC 60335-2-34:2023/prAB:2024

Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors

This European Standard deals with the safety of sealed (hermetic and semi-hermetic type) motor-compressors, their protection and control systems, if any, which are intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment. It applies to motor-compressors tested separately, under the most severe conditions that may be expected to occur in normal use, their rated voltage being not more than 250 V for single-phase motor-compressors and 480 V for other motor-compressors

Keel: en

Alusdokumendid: EN IEC 60335-2-34:2023/prAB:2024

Muudab dokumenti: EVS-EN IEC 60335-2-34:2023

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN 13451-4

Swimming pool equipment - Part 4 : Additional specific safety requirements and test methods for starting platforms

This document specifies safety requirements for starting platforms with a height \leq 750 mm above water level. These requirements are additional to those given in EN 13451-1 and these documents are intended to be read together.

The requirements of this specific standard take priority over those in EN 13451-1.

This document is applicable to starting platforms for use in classified swimming pools as specified in EN 15288-1 and EN 15288-2.

Keel: en

Alusdokumendid: prEN 13451-4

Asendab dokumenti: EVS-EN 13451-4:2014

Arvamusküsitluse lõppkuupäev: 01.08.2024

prEN IEC 60335-2-106:2024

Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings

This European Standard deals with the safety of

- portable heated carpets;
- heated carpets and similar appliances;
- heating units to heat the room in which they are located and that are intended to be installed directly under materials used as a removable floor covering such as carpet, cushion vinyl, or loose laid laminate, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations, including direct current (DC) supplied appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-106:2024; IEC 60335-2-106:2021

Asendab dokumenti: EVS-EN 60335-2-106:2007

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-106:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings

This European Standard deals with the safety of

- portable heated carpets;
- heated carpets and similar appliances;
- heating units to heat the room in which they are located and that are intended to be installed directly under materials used as a removable floor covering such as carpet, cushion vinyl, or loose laid laminate, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations, including direct current (DC) supplied appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-106:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-106:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-13:2024](#)

Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances

This European Standard deals with the safety of electric deep fat fryers having a recommended maximum quantity of oil not exceeding 5 l, frying pans, woks and other appliances in which oil is used for cooking, and intended for household use and similar use, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: prEN IEC 60335-2-13:2024; IEC 60335-2-13:2021

Asendab dokumenti: EVS-EN 60335-2-13:2010

Asendab dokumenti: EVS-EN 60335-2-13:2010/A1:2019

Asendab dokumenti: EVS-EN 60335-2-13:2010/A11:2012

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-13:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances

This European Standard deals with the safety of electric deep fat fryers having a recommended maximum quantity of oil not exceeding 5 l, frying pans, woks and other appliances in which oil is used for cooking, and intended for household use and similar use, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: prEN IEC 60335-2-13:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-13:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-16:2024](#)

Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers

IEC 60335-2-16:2022 deals with the safety of electric food waste disposers for household and similar purposes, their rated voltage being not more than 250 V including direct current (DC) supplied appliances and battery-operated appliances. Appliances not intended for normal household use but that nevertheless possibly pose a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account – persons (including children) whose physical, sensory or mental capabilities; or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; – children playing with the appliance. Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements can be necessary; – in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities, leading to restriction of or prohibition of the installation of food waste disposers. This standard does not apply to – portable food waste disposers; – food waste disposers of the incinerator type; – appliances intended exclusively for industrial or commercial purposes; – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas). This sixth edition cancels and replaces the fifth edition published in 2002, Amendment 1:2008 and Amendment 2:2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with IEC 60335-1:2020; b) some notes have been converted to normative text (Clause 1, 22.104); c) addition of temperature rise limits for accessible surface (Clause 11). This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments unless that edition precludes it; in that case, the latest edition that does not preclude it is used. It was established on the basis of the sixth edition (2020) of that standard.

Keel: en

Alusdokumendid: prEN IEC 60335-2-16:2024; IEC 60335-2-16:2022

Asendab dokumenti: EVS-EN 60335-2-16:2003

Asendab dokumenti: EVS-EN 60335-2-16:2003/A1:2008
Asendab dokumenti: EVS-EN 60335-2-16:2003/A11:2018
Asendab dokumenti: EVS-EN 60335-2-16:2003/A2:2012

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-16:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers

Amendment to prEN IEC 60335-2-16:2024

Keel: en

Alusdokumendid: prEN IEC 60335-2-16:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-16:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-17:2024](#)

Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances

This European Standard deals with the safety of electric blankets, pads, clothing and other flexible appliances that heat the bed or human body, for household and similar purposes, their rated voltage being not more than 250 V

Keel: en

Alusdokumendid: prEN IEC 60335-2-17:2024; IEC 60335-2-17:2022

Asendab dokumenti: EVS-EN 60335-2-17:2013

Asendab dokumenti: EVS-EN 60335-2-17:2013/A1:2020

Asendab dokumenti: EVS-EN 60335-2-17:2013/A11:2019

Asendab dokumenti: EVS-EN 60335-2-17:2013/A2:2021

Asendab dokumenti: EVS-EN 60335-2-17:2013+A11+A1:2020

Asendab dokumenti: EVS-EN 60335-2-17:2013+A11+A1+A2:2021

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-17:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances

This European Standard deals with the safety of electric blankets, pads, clothing and other flexible appliances that heat the bed or human body, for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: prEN IEC 60335-2-17:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-17:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-28:2024](#)

Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines

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

Keel: en

Alusdokumendid: prEN IEC 60335-2-28:2024; IEC 60335-2-28:2021

Asendab dokumenti: EVS-EN 60335-2-28:2003

Asendab dokumenti: EVS-EN 60335-2-28:2003/A1:2008

Asendab dokumenti: EVS-EN 60335-2-28:2003/A11:2018

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-28:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines

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

Keel: en

Alusdokumendid: prEN IEC 60335-2-28:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-28:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-3:2024](#)

Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons

This European Standard deals with the safety of electric dry irons and steam irons, including those with a separate water reservoir or boiler having a capacity not exceeding 5 l, for household and similar purposes, their rated voltage being not more than 250 V

Keel: en

Alusdokumendid: prEN IEC 60335-2-3:2024; IEC 60335-2-3:2022

Asendab dokumenti: EVS-EN 60335-2-3:2016

Asendab dokumenti: EVS-EN 60335-2-3:2016/A1:2020

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-3:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons

This European Standard deals with the safety of electric dry irons and steam irons, including those with a separate water reservoir or boiler having a capacity not exceeding 5 l, for household and similar purposes, their rated voltage being not more than 250 V

Keel: en

Alusdokumendid: prEN IEC 60335-2-3:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-3:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-4:2024](#)

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This European Standard deals with the safety of stand-alone electric spin extractors, and pin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: IEC 60335-2-4:2023; prEN IEC 60335-2-4:2024

Asendab dokumenti: EVS-EN IEC 60335-2-4:2023

Asendab dokumenti: EVS-EN IEC 60335-2-4:2023/A11:2023

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-4:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This European Standard deals with the safety of stand-alone electric spin extractors, and pin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: prEN IEC 60335-2-4:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-4:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-59:2024](#)

Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers

This European Standard deals with the safety of electric insect killers for household and similar purposes, their rated voltage being not more than 250 V, including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-59:2024; IEC 60335-2-59:2021

Asendab dokumenti: EVS-EN 60335-2-59:2003

Asendab dokumenti: EVS-EN 60335-2-59:2003/A1:2006

Asendab dokumenti: EVS-EN 60335-2-59:2003/A11:2018

Parandab dokumenti: EVS-EN 60335-2-59:2003/A2:2010

Arvamusküsitluse lõppkuupäev: 01.08.2024

[prEN IEC 60335-2-59:2024/prAA:2024](#)

Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers

This European Standard deals with the safety of electric insect killers for household and similar purposes, their rated voltage being not more than 250 V, including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en

Alusdokumendid: prEN IEC 60335-2-59:2024/prAA:2024

Muudab dokumenti: prEN IEC 60335-2-59:2024

Arvamusküsitluse lõppkuupäev: 01.08.2024

TÕLKED KOMMENTEERIMISEL

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

Tõlkekavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas 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](#).

EVS-EN 1090-2:2018+A1:2024

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 2: Tehnilised nõuded teraskonstruktsioonidele

See Euroopa standard spetsifitseerib nõuded ehituslikele terastoodetele ja nende elementidele, mis on valmistatud

- kuumvaltsitud konstruktsiooniterasest toodetest tugevusklassiga kuni S700 (kaasa arvatud);
- külmvormitud elementidest ja profiilplekist tugevusklassiga kuni S700 (kaasa arvatud) (kui ei ole kaetud standardi EN 1090-4 käsitluselaga);
- kuum- või külmvormitud austeniit-, austeniit-ferrit- ja ferritsest roostevabast terasest toodetest;
- kuum- või külmvormitud konstruktsioonilistest õõnesprofiilidest, kaasa arvatud standard- ja tellitud mõõtmega valtsitud ja keevitatud õõnesprofiilid.

Standardi EN 1090-4 käsitluselaga kaetud külmvormitud elementidest valmistatud toodetele ja külmvormitud õõnesprofiilidele selles Euroopa standardis esitatud nõuete suhtes saavad ülimuslikuks standardi EN 1090-4 esitatud vastavad nõuded.

Seda Euroopa standardit võib kasutada ka tugevusklassiga kuni S960 (kaasa arvatud) konstruktsiooniteraste puhul, eeldusel, et ehitustingimusi on töökindluskriteeriumide suhtes kontrollitud ja kõik vajalikud lisanõuded on spetsifitseeritud.

Selles Euroopa standardis on toodud nõuded ilma viideteta teraskonstruktsiooni tüübile ja kujule (näiteks hooned, sillad, leht- või sõrestikkonstruktsioonid) ja see hõlmab ka väsimus- või seismilise koormusega konstruktsioone. Kindlad nõuded väljendatakse ehitamisklasside kaudu.

See Euroopa standard kehtib konstruktsioonidele, mis on projekteeritud standardisarja EN 1993 asjakohase osa kohaselt.

Sulundvaiad, survevaiad (deformatsioonivaiad, kande vaiad) ja mikrovaiad, mis on projekteeritud standardi EN 1993-5 järgi, tuleb ehitada standardite EN 12063, EN 12699 ja EN 14199 nõuete kohaselt. See Euroopa standard kehtib vaid sulundseina toetamise, sõrestike ja toetuste ehitamisele.

See Euroopa standard kehtib ka terasest ja betoonist komposiitkonstruktsioonide terasosadele, mis on kavandatud standardisarja EN 1994 asjakohase osa järgi.

Seda Euroopa standardit võib rakendada ka teiste projekteerimisreeglite järgi projekteeritud konstruktsioonidele, eeldusel, et valmistamistingimused vastavad nendele reeglite ja kõik vajalikud lisanõuded on spetsifitseeritud.

See Euroopa standard sisaldab nõudeid sarrusetaraste keevitamiseks konstruktsiooniterastega. See Euroopa standard ei sisalda nõudeid sarrusetaraste kasutamiseks sardbetooni valamisel.

Keel: et

Alusdokumendid: EN 1090-2:2018+A1:2024

Kommenteerimise lõppkuupäev: 02.07.2024

EVS-EN 1253-1:2015

Kanalisatsiooni veeneelud hoonetes. Osa 1 Põrandatrapid vesiluku kõrgusega vähemalt 50mm

See Euroopa standard klassifitseerib hoonetes kasutamiseks mõeldud põrandatrapid; annab juhised paigalduskohtadele ning täpsustab ehitus-, projekteerimis-, toimimis- ja märgistusnõuded tehases valmistatud toodetele (olenemata materjalist) kasutamiseks äravoolüsteemides, mis nõuavad haisulukku, mille vesiluku sügavus on vähemalt 50 mm (edaspidi „põrandatrapid“).

Kuigi selliseid põrandatrappe kasutatakse tavaliselt olmereovee juhtimiseks, võivad need juhtida ka muud reovett (näiteks tööstuslikku reovett) tingimusel, et ei kahjustata komponente või puudub tervisekahjustuse oht.

See Euroopa standard ei kehti:

- äravoolukanalid, nagu määratletud standardis EN 1433
- rest- ja hoolduskaevude päised nagu määratletud standardis EN 124,
- katuselehid ja vesilukuta põrandatrapid, nagu määratletud standardis EN 1253-2.

Keel: et

Alusdokumendid: EN 1253-1:2015

Kommenteerimise lõppkuupäev: 02.07.2024

EVS-EN 1253-2:2015

Kanalisatsiooni veeneelud hoonetes. Osa 2: Katuselehid ja vesilukuta põrandatrapid

See Euroopa standard klassifitseerib hoonetes kasutamiseks mõeldud katuselehid ja vesilukuta põrandatrapid, annab juhised paigalduskohtadele ning määratleb nõuded ehitusele, projekteerimisele, toimivusele ja tehases valmistatud hoone katuselehtrite

ja vesilukuta põrandatrappide (edaspidi põrandatrapid) märgistamisele ning katsemeetoditele, olenemata äravoolusüsteemides kasutatavast materjalist.

Kuigi selliseid katuselehtreid ja vesilukuta põrandatrappe kasutatakse tavaliselt vihma- ja reovee juhtimiseks, võivad need juhtida ka muud reovett, tingimusel, et ei kahjustata komponente või puudub tervisekahjustuse oht.

See Euroopa standard ei kehti vesilukuga põrandatrappidele, mille vesiluku sügavus on vähemalt 50 mm, nagu määratletud standardis EN 1253-1.

Keel: et

Alusdokumendid: EN 1253-2:2015

Kommenteerimise lõppkuupäev: 02.07.2024

EVS-EN 15016-1:2023

Raudteealased rakendused. Tehnilised joonised. Osa 1: Üldpõhimõtted

Selles dokumendis kirjeldatakse tehniliste dokumentide koostamist, haldamist ja taasesitamist. See vastab EN, ISO või IEC tehnilise dokumentatsiooni standarditele. Käesolevat dokumenti kohaldatakse kõigile raudteealaste rakenduste tehnilistele dokumentidele olenemata tehnoloogiast, st mehaanika-, pneumaatika-, hüdraulika-, elektri-, elektroonikaseadmetele jne.

Keel: et

Alusdokumendid: EN 15016-1:2023

Kommenteerimise lõppkuupäev: 02.07.2024

EVS-EN 15016-2:2023

Raudteealased rakendused. Tehnilised joonised. Osa 2: Osade loetelud

Selles dokumendis kirjeldatakse osade loetelude koostamist ja taasesitamist.

Käesolevas dokumendis määratletakse projekteeritud osade loetelude koostamise alused ja struktuur.

Seda dokumenti kohaldatakse kõigile raudteealaste rakenduste projekteeritud osade loeteludele.

Keel: et

Alusdokumendid: EN 15016-2:2023

Kommenteerimise lõppkuupäev: 02.07.2024

EVS-EN 15016-3:2023

Raudteealased rakendused. Tehnilised joonised. Osa 3: Tehniliste dokumentide muudatuste käsitlemine

Käesolevas dokumendis määratakse kindlaks tehnilise projekteerimise dokumentide läbivaatamise alused.

Käesolevat dokumenti kohaldatakse kõigi raudteealaste rakenduste tehniliste projekteerimisdokumentide suhtes, sõltumata nende materiaalsest kujust, nagu näiteks läbipaistvad originaaleksemplarid, plotteri joonised, perfokaardid, arvutiloetavad andmekandjad, fotoprintid jne.

Keel: et

Alusdokumendid: EN 15016-3:2023

Kommenteerimise lõppkuupäev: 02.07.2024

EVS-EN 15940:2023

Mootorikütused. Sünteesi või hüdromeenimise teel toodetud parafiinne diislikütus. Nõuded ja katsemeetodid.

Selles dokumendis kirjeldatakse nõudeid ja katsemeetodeid sellisena turustatavale ja tarnitavale parafiinsele diislikütusele, mis sisaldab kuni 7,0 mahu% rasvhappe metüülestrit (FAME). Seda saab kasutada diiselmootoris ja parafiinse diislikütusega ühilduvates sõidukites. See määrab kindlaks kaks parafiinse diislikütuse klassi: kõrge tsetaaniarvuga ja normaalse tsetaaniarvuga.

Parafiinne diislikütus pärineb sünteesi- või hüdrotötlusprotsessidest.

MÄRKUS 1 Diiselmootori üldise garantii osas tuleb enne kasutamist konsulteerida sõiduki tootjaga. Autodes kasutatav parafiinne diislikütus võib vajada valideerimisetappi, et kinnitada kütuse sobivust sõidukiga, mis mõne olemasoleva mootori puhul võib siiski olla vajalik (vt ka selle dokumendi sissejuhatust). Siiski tuleb märkida, et parafiinne diislikütus on laialdaselt saadaval ja sõidukitootjad on seda alates käesoleva dokumendi esmakordsest avaldamisest üha enam sõidukites kasutamiseks heaks kiitnud.

MÄRKUS 2 Selles dokumendis kasutatakse vastavalt tähiseid „% (m/m)“ ja „% (V/V)“, et iseloomustada vastavalt massiosa ja mahuosaga.

EE MÄRKUS Selles Eesti standardis kasutatakse vastavalt tähiseid „massi%“ ja „mahu%“, et iseloomustada massiosa ja mahuosaga.

Keel: et

Alusdokumendid: EN 15940:2023

Kommenteerimise lõppkuupäev: 02.07.2024

EVS-EN 17867:2023

Mootoribensiin väikeste sise põlemismootorite jaoks. Nõuded ja katsemeetodid.

See dokument määratleb nõuded mootoribensiinile, mida kasutatakse kütusena väikestes mootorites, koos nende omaduste testimiseks kasutatavate meetoditega.

See dokument määratleb nõuded kahele madala aromaatsete ainete ja väävlisaldusega mootoribensiinitüübile:

- üks tüüp, mis on väliselt õlitatavate neljataktilistes mootorites kasutamiseks; ja
- üks segatud mootoribensiin tüüp, mis mõeldud seguga määratavate mootorite jaoks.

Lisatud mootoriõli omaduste katsetamine ei kuulu selle dokumendi käsitusallasse.

MÄRKUS Selles dokumendis kasutatakse vastavalt tähiseid „% (m/m)“ ja „% (V/V)“, et iseloomustada vastavalt massiosa ja mahuosa.

EE MÄRKUS Selles Eesti standardis kasutatakse vastavalt tähiseid „massi%“ ja „mahu%“, et iseloomustada massiosa ja mahuosa.

Keel: et

Alusdokumendid: EN 17867:2023

Kommenteerimise lõppkuupäev: 02.07.2024

prEVS-EN IEC 60079-17

Plahvatusohtlikud keskkonnad. Osa 17:Elektripaigaldiste kontroll ja korrashoid

Standardisarja IEC 60079 see osa kehtib elektripaigaldiste kasutajatele ja ning hõlmab ainult neid mõjureid, mis on otseselt seotud spetsiaalselt ohtlikusse piirkonda kavandatud elektripaigaldiste, kus ohu põhjustab plahvatusohtlik keskkond, kontrollimise ja korrashoiuga.

See ei sisalda:

- elektripaigaldiste muid põhilisi paigaldus- ja kontrollinõudeid,
- elektriseadmete vastavuse tõendamist,
- ruumide kaitset või ventilatsiooni;
- gaasituvastussüsteeme;
- plahvatuse eest kaitstud seadmete remonti ega taastamist (vt IEC 60079-19).

Kuigi see dokument ei hõlma selliste ohutusseadmete kontrollimist, mida kasutatakse näiteks ventileeritavates ruumides (vt IEC 60079-13), sisaldab see kontrolli- ja korrashoiunõudeid üksikutele seadmetele, mis on selliste süsteemide osaks, näiteks mootorid või andurid.

See dokument täiendab standardi IEC 60364-6 kohaseid mitteohtlike piirkondade elektripaigaldiste kontrollimise ja katsetamise nõudeid. See dokument on ette nähtud rakendamiseks seal, kus normaalsetes keskkonnaoludes võib tekkida ohuolukord plahvatusohtliku gaasi või tolmu segu või põleva tolmu kihi potentsiaalse olemasolu tõttu. See ei kehti:

- allmaakaevandusaladele,
- lõhkeainete tolmu korral,
- pürofoorsete ainete korral.

Keel: et

Alusdokumendid: IEC 60079-17:2023; EN IEC 60079-17:2024

Kommenteerimise lõppkuupäev: 02.07.2024

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Allpool on toodud teave eelmise EVS Teataja avaldamise järel Eesti Standardimis- ja Akrediteerimiskeskusele esitatud algupärase standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlustepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

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 589:2024/prNA

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa Automotive fuels - LPG - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 589:2024

Täiendab rahvuslikult dokumenti: EVS-EN 589:2024

Koostamisettepaneku esitaja: EVS/TK 37

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 901-20:2013

Tee-ehitus. Katsemeetodid. Osa 20: Filtratsioonimooduli määramine

Road construction - Test methods - Part 20: Determination of permeability

Selles Eesti standardis määratakse teede- ja tsiviilehituslikes töodes drenkihi ja muldkeha materjalina kasutatavate peen- ja fraktsioneerimata täitematerjalide ning pinnaste filtratsioonimooduli määramise katsemeetod.

Materjali või pinnase algne terakoostis kirjeldatakse märgsõelumise tulemusena. Filtratsioonimooduli katses kasutatakse eraldi välja sõelutud proove, mille vähim terasuurus $d = 0$ mm ja suurim terasuurus $D = 4$ mm. Proovid tihendatakse filtratsioonimooduli määramise katseseadmesse optimaalse veesisaldusega, mis on eelnevalt Proctor-teimiga määratud samale fraktsioonile (0/4).

Pikendamisküsitluse lõppkuupäev: 02.07.2024

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti alapäraste 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 50178:2001

Elektripaigaldistes kasutatavad elektronseadmed Electronic equipment for use in power installations

This European standard applies to the use of electronic equipment (EE) in power installations where a uniform technical level with respect to safety and reliability is necessary.

This standard also applies to EE which are not covered by a specific product standard. This European standard defines the minimum requirements for the design and manufacture of EE, for protection against electric shock, for testing and its integration into systems for power installations.

Keel: en

Alusdokumendid: EN 50178:1997

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN 60401-2:2010

Terms and nomenclature for cores made of magnetically soft ferrites - Part 2: Reference of dimensions

This part of IEC 60401 presents a method for defining the designation nomenclature for the major physical attributes of soft ferrite core shapes. The purpose of this standard is to facilitate uniform usage of dimensional characters by manufacturers, specifiers, and users when describing core dimensions on drawings, in tables, and on catalogue specification sheets.

Keel: en

Alusdokumendid: IEC 60401-2:2009; EN 60401-2:2010

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN 60522:2002

Röntgenitorukoostete püsifiltratsiooni kindlaksmääramine Determination of the permanent filtration of X-ray tube assemblies

This standard defines the concept of permanent filtration in X-ray tube assemblies for medical diagnosis and radiotherapy and describes a method for its determination. It contains requirements for statements of compliance for accompanying documents and for marking on X-ray tube assemblies.

Methods are given to determine the permanent filtration in an X-ray tube assembly with an accuracy that is sufficient to enable the appropriate additional filtration to be provided in order to attain the desired total filtration.

Keel: en

Alusdokumendid: IEC 60522:1999; EN 60522:1999

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN 60745-2-15:2009

Käeshoitavad mootoriga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekilõikuritele Hand-held motor-operated electric tools - Safety -- Part 2-15: Particular requirements for hedge trimmers

This standard applies to hedge trimmers which are designed for use by one operator for trimming hedges and bushes, utilizing one or more linear reciprocating cutter blades. This standard is not applicable to hedge trimmers with a rotating blade.

Keel: en

Alusdokumendid: IEC 60745-2-15:2006; EN 60745-2-15:2009

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN 60745-2-15:2009/A1:2010

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekitrimmeritele Hand-held motor-operated electric tools - Safety Part 2-15: Particular requirements for hedge trimmers

This standard applies to hedge trimmers which are designed for use by one operator for trimming hedges and bushes, utilizing one or more linear reciprocating cutter blades. This standard is not applicable to hedge trimmers with a rotating blade.

Keel: en

Alusdokumendid: IEC 60745-2-15:2006/A1:2009; EN 60745-2-15:2009/A1:2010

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN 61029-2-12:2011

Teisaldatavate elektrimootortööpinkide ohutus. Osa 2-12: Erinõuded keermelõikamispinkidele Safety of transportable motor-operated electric tools -- Part 2-12: Particular requirements for threading machines

This European Standard applies to pipe threading tools that create external threads by rotating either the workpiece or the cutting head.

Keel: en

Alusdokumendid: IEC 61029-2-12:2010; EN 61029-2-12:2011

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN 61300-3-24:2007

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-24: Measurements - Keying accuracy of optical connectors for polarisation maintaining fibre

This part of IEC 61300 provides a method to measure the keying accuracy of a polarization maintaining fibre connector.

Keel: en

Alusdokumendid: IEC 61300-3-24:2006; EN 61300-3-24:2007

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN 61300-3-40:2002

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-40: Examinations and measurements - Extinction ratio of a polarization maintaining (pm) fibre pigtailed connector

This part of IEC 61300 describes the procedure to measure the ability of an optical fibre connector to maintain a given extinction ratio across the connection in pm fibre. In this test we limit the measurement to the most common case of nearly linearly polarized light propagating in pm fibre.

Keel: en

Alusdokumendid: IEC 61300-3-40:1998; EN 61300-3-40:1998

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-EN IEC 60794-1-23:2019

Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods

This part of IEC 60794 describes test procedures to be used in establishing uniform requirements for the geometrical, material, mechanical, environmental properties of optical fibre cable elements.

This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.

Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc

NOTE The environmental testing of optical fibre ribbon would be valuable for some applications. Useful information about suitable test methods can be found in the optical fibre standards IEC 60793-1-50, IEC 60793-1-51, IEC 60793-1-52, and IEC 60793-1-53.

Keel: en

Alusdokumendid: IEC 60794-1-23:2019; EN IEC 60794-1-23:2019

Tühistamisküsitluse lõppkuupäev: 02.07.2024

EVS-ISO 12641:2007

Trükitehnoloogia. Digitaalne andmevahetus trükiettevalmistuses. Värvitabelid sisendskannerite kalibreerimiseks (ISO 12641:1997)

Graphic technology - Prepress digital data exchange - Colour targets for input scanner calibration (ISO 12641:1997)

Standard määrab kindlaks kujunduse ja kolorimeetrilised väärtused testitabelite jaoks, mida kasutatakse fototoodete/sisendskanneri kombinatsiooni kalibreerimiseks (trükkimise ja kirjastamise ettevalmistusprotsessis). Üks testitabel on määratud positiivsele värvifilmile ja teine värvilisele fotopaberile.

Keel: en, et

Alusdokumendid: ISO 12641:1997

Tühistamisküsitluse lõppkuupäev: 02.07.2024

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 12063:2024

Execution of special geotechnical work - Sheet pile walls, combined pile walls, high modulus walls

Eeldatav avaldamise aeg Eesti standardina 11.2024

UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS 867:2024

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standard käsitleb rongireisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Enne standardi selle väljaande jõustumist rajatud ooteplatvorme võib kasutada nende lammutamiseni või ümberehitamiseni.

EVS JUHEND 6:2024

Standardimise tehnilise komitee ja projektkomitee asutamine ning töökord Establishment and working procedures of standardisation technical committee and project committee

See juhend kehtestab nõuded Eesti Standardimis- ja Akrediteerimiskeskuse (edaspidi lühendatult EVS) juures registreeritud standardimise tehnilise komitee ja projektkomitee asutamisele, tegutsemisele ning tegevuse lõpetamisele.

EVS-EN 12153:2023

Rippfassaadid. Õhuläbilaskvus. Katsemeetodid Curtain walling - Air permeability - Test method

See dokument määratleb meetodi, mida kasutatakse rippfassaadide, nii nende kinniste kui ka avatavate osade õhuläbilaskvuse määramiseks. See kirjeldab, kuidas tuleb katsekeha üle- ja alarõhu all katsetada.

Seda dokumenti rakendatakse iga standardi EN 13830 kohase rippfassaadi toote kohta.

EVS-EN 12255-11:2023

Reoveepuhastid. Osa 11: Nõutavad üldandmed Wastewater treatment plants - Part 11: General data required

See Euroopa standard määratleb andmed, mis on vajalikud reoveepuhasti või selle osade kavandamiseks, projekteerimiseks, hankeks, toimivusgarantiideks, ehitamiseks, käivitamiseks ja vastavuskatsetuse tegemiseks. See dokument annab tavade kohta põhiteavet ega püüa täpselt kirjeldada kõiki olemasolevaid tavasid.

EVS-EN 13282-3:2024

Hüdrauliline teesideaine. Osa 3: Toimivuse püsivuse hindamine ja tõendamine Hydraulic road binders - Part 3: Assessment and verification of constancy of performance

See dokument määrab kindlaks hüdrauliliste teesideainete toimivuse püsivuse hindamise ja kontrollimise (AVCP) skeemi, sealhulgas tehase tootmisohje vastavuse sertifitseerimise.

See dokument sisaldab tehnilisi eeskirju tehase tootmisohjele, tootmisettevõttes võetud proovide katsetamisele (isekontrolli katsetamine), hüdraulilise teesideaine toimivuse hindamisele, tootmisettevõtte esmasemale kontrollile ja tehase tootmisohjele ning tehase tootmisohje jätkuvale järelevalvele ja hindamisele.

Tehnilises aruandes CEN/TR 14245 [5] antud juhised sisaldavad teavet selle dokumendi rakendamiseks.

MÄRKUS Selle dokumendi kontekstis kasutatud termin „ehitustoode“ viitab hüdraulilisele teesideainele.

EVS-EN ISO 12185:2024

Toornafta, naftasaadused ja samaväärsed tooted. Tiheduse määramine. Labori tihedusmõõtur ostsilleeruva U-toru sensoriga Crude petroleum, petroleum products and related products - Determination of density - Laboratory density meter with an oscillating U tube sensor (ISO 12185:2024)

Dokument määratleb meetodi toornafta ja samaväärsete toodete, mida saab katsetemperatuuril ja rõhul käsitada ühefaasiliste vedelike, tiheduse määramise ostsilleeruva U-toruga tihedusmõõturi abi vahemikus 600 kg/m³ kuni 1100 kg/m³.

See dokument kehtib mis tahes aururõhuga vedelike kohta seni, kuni rakendatakse ettevaatusabinõusid, et tagada nende püsimine ühes faasis. Kergemate komponentide kadumine põhjustab tiheduse muutumise nii proovi käitlemisel kui ka tiheduse määramise ajal.

See meetod ei ole ette nähtud kasutamiseks sisseehitatud tihedusmõõturitega.

EVS-EN ISO 4172:2024

Toote tehniline dokumentatsioon (TTD). Ehitisdokumentatsioon. Joonised monteeritavate konstruktsioonide koostamiseks

Technical product documentation (TPD) - Construction documentation - Drawings for the assembly of prefabricated structures (ISO 4172:2024)

See dokument määrab kindlaks ehitusjooniste koostamise üldnõuded, mis on ette nähtud ehitiste ja rajatiste monteeritavate valmistoodete kokkupanemiseks töömaal.

EVS-ISO/IEC 20000-1:2024

Infotehnoloogia. Teenusehaldus. Osa 1: Teenusehalduse süsteemi nõuded Information technology -- Service management -- Part 1: Service management system requirements (ISO/IEC 20000-1:2018, identical + ISO/IEC 20000-1:2018/Amd 1:2024, identical)

1.1 Üldist

See dokument määratleb nõuded organisatsioonile teenusehalduse süsteemi (SMS) loomiseks, rakendamiseks, hooldamiseks ja pidevaks täiustamiseks. Dokumentis määratletud nõuded hõlmavad teenuste plaanimist, kavandamist, üleminekut, tarnimist ja täiustamist, et täita teenusenõudeid ja pakkuda väärtust. Dokumenti saavad kasutada

- a) klient, kes otsib teenuseid ja vajab tagatist nende teenuste kvaliteedi kohta;
- b) klient, kes nõuab järjekindlat lähenemist teenuse elutsüklile kõigilt oma teenusepakkujatelt, sealhulgas tarneahelasse kuuluvatelt;
- c) organisatsioon, et näidata oma suutvust teenuste plaanimisel, kavandamisel, teenustele üleminekul, teenuste osutamisel ja täiustamisel;
- d) organisatsioon oma SMS-i ja teenuste seireks, mõõtmiseks ja läbivaatamiseks;
- e) organisatsioon teenuste plaanimise, kavandamise, teenustele ülemineku, teenuste osutamise ja täiustamise parandamiseks SMS-i tõhusa rakendamise ja toimimise kaudu;
- f) organisatsioon või muu osapool, kes teeb vastavushindamisi selles dokumentis sätestatud nõuete alusel;
- g) teenusehalduse koolituse või nõustamise pakkuja.

Selles dokumentis kasutatud termin „teenus“ viitab SMS-i käsitlusalas kuuluvale teenusele või teenustele. Dokumentis kasutatud termin „organisatsioon“ viitab SMS-i käsitlusalas kuuluvale organisatsioonile, mis haldab ja osutab klientidele teenuseid. SMS-i käsitlusalas olev organisatsioon võib olla osa suuremast organisatsioonist, näiteks suuretevõtte osakond. Organisatsiooni või organisatsiooni osa, mis haldab ja osutab teenust või teenuseid sise- või välisklientidele, võib nimetada ka teenusepakkujaks. Selles dokumentis eristatakse selgelt terminite „teenus“ või „organisatsioon“ muudel eesmärkidel kasutamist.

1.2 Rakendus

Kõik dokumentis määratletud nõuded on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata organisatsiooni tüübist või suurusest või osutatavate teenuste olemusest. Peatükkides 4 kuni 10 esitatud nõuete välistamine ei ole vastuvõetav, kui organisatsioon väidab oma vastavust sellele dokumentile, olenemata organisatsiooni olemusest.

Selles dokumentis sätestatud nõuetele vastavust saab tõendada organisatsioon ise, esitades tõendused nõuete täitmisest. Organisatsioon ise tõendab vastavust peatükkidele 4 ja 5. Samas võivad ka teised osapooled organisatsiooni toetada. Näiteks võib teine osapool läbi viia organisatsiooni nimel siseauditeid või toetada SMS-i loomist.

Teise võimalusena võib organisatsioon tõendada, et ta vastutab dokumentis määratletud nõuete täitmise eest ja tõendab järelevalve toimimist, kui teised osapooled on kaasatud peatükkide 6–10 nõuete täitmisesse (vt 8.2.3). Näiteks võib organisatsioon tõendada järelevalve olemasolu teise osapoole, mis pakub infrastruktuuriteenuse komponente või klienditeenindust, sealhulgas intsidentide halduseprotsessi, tegevuste üle.

Organisatsioon ei saa tõendada vastavust selles dokumentis sätestatud nõuetele, kui kõigi SMS-i käsitlusalas kuuluvate teenuste, teenusekomponentide või protsesside pakkumiseks või käitamiseks kasutatakse teisi osapooli.

Selle dokumendi käsitlusala ei hõlma toodete või tööriistade spetsifikatsioone. Seda dokumenti saab aga kasutada SMS-i toimimist toetavate toodete või tööriistade väljatöötamisel või hankimisel.

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12153:2023	Curtain walling - Air permeability - Test method	Rippfassaadid. Ohuläbilaskvus. Katsemeetodid
EVS-EN 12255-11:2023	Wastewater treatment plants - Part 11: General data required	Reoveepuhastid. Osa 11: Nõutavad üldandmed

UUED HARMONEERITUD STANDARDID

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

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

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

Lisainfo:

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2006/42/EÜ Masinad

Komisjoni rakendusotsus (EL) 2024/1329 (EL Teataja 2024/L 15.05.2024)

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 1417:2023 Kummi- ja plastitöötlusmasinad. Kahe valtsiga veskid. Ohutusnõuded	15.05.2024	EN 1417:2014	15.11.2025
EVS-EN 1501-4:2023 Prügikogumissõidukid. Üld- ja ohutusnõuded. Osa 4: Prügikogumissõidukite mürakatsemeetod	15.05.2024	EN 1501-4:2007	15.11.2025
EVS-EN 15194:2017+A1:2023 Jalgrattad. Elektrilise abimootoriga jalgrattad. EPAC-jalgrattad Märkus: Harmoneeritud standard EN 15194:2017+A1:2023 ei anna alust eeldada vastavust direktiivi 2006/42/EÜ I lisa punktides 1.5.9 ja 3.6.3.1 sätestatud olulistele tervisekaitse- ja ohutusnõuetele, mille kohaselt peavad masinad olema projekteeritud ja valmistatud nii, et on arvesse võetud vibratsioonist tulenevaid riske, ning olema varustatud masinalt masina kasutajale ülekanduva vibratsiooni mõõtmise varustusega	15.05.2024	EN 15194:2017	15.05.2026
EVS-EN 15700:2023 Talispori või turistidele mõeldud lintkonveierite ohutus Märkus: Mis puutub selle harmoneeritud standardi punkti 7.3, ei anna selle harmoneeritud standardi järgimine alust eeldada vastavust direktiivi 2006/42/EÜ I lisa punkti 1.7.4.2 alapunktis u sätestatud olulistele tervisekaitse- ja ohutusnõuetele	15.05.2024	EN 15700:2011	15.11.2025
EVS-EN 16307-5:2023 Tööstusveokid. Ohutusnõuded ja vastavuskontroll. Osa 5: Täiendavad nõuded jalakäija poolt juhitavatele veokitele	15.05.2024	EN 16307-5:2013	15.11.2025
EVS-EN 1915-1:2023 Õhusõidukite maapealsed teenindusseadmed. Üldnõuded. Osa 1: Põhilised ohutusnõuded	15.05.2024	EN 1915-1:2013	15.11.2025
EVS-EN IEC 60335-2-119:2024 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-119: Erinõuded kaubanduslikele vaakumpakendamise seadmetele	15.05.2024		
EVS-EN IEC 60335-2-119:2024/A11:2024 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-119: Erinõuded kaubanduslikele vaakumpakendamise seadmetele	15.05.2024		
EVS-EN IEC 60335-2-89:2022/AC:2023 Majapidamis- ja muud taolised elektriseadmed. Ohutus.	15.05.2024		

Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmaaine kondensaatori või kompressoriga külmaseadmetele			
EVS-EN IEC 62841-4-5:2021/AC:2024	15.05.2024		
Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-5: Erinõuded murukääridele			
EVS-EN IEC 62841-4-7:2022/AC:2023	15.05.2024		
Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-7: Erinõuded eeslükatavatele murukobestitele- ja õhutitele (aeraatorid)			
EVS-EN IEC 62841-4-7:2022/AC2:2023	15.05.2024		
Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-7: Erinõuded eeslükatavatele murukobestitele- ja õhutitele (aeraatorid)			
EVS-EN ISO 13849-1:2023	15.05.2024	EN ISO 13849-1:2015	15.05.2027
Masinate ohutus. Juhtimissüsteemide ohutusega seotud osad. Osa 1: Kavandamise üldpõhimõtted			
EVS-EN ISO 19085-12:2021	15.05.2024	EN 1218-1:1999+A1:2009; EN 1218-2:2004+A1:2009; EN 1218-5:2004+A1:2009	15.11.2025
Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad			
EVS-EN ISO 19085-12:2021/A11:2023	15.05.2024		
Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad			
EVS-EN ISO 25119-1:2023	15.05.2024		
Põllunduse ja metsanduse traktorid ja masinad. Juhtimissüsteemide ohutusega seotud osad. Osa 1: Üldised konstrueerimis- ja arendusreeglid			
EVS-EN ISO 25119-1:2023/A1:2023	15.05.2024		
Põllunduse ja metsanduse traktorid ja masinad. Juhtimissüsteemide ohutusega seotud osad. Osa 1: Üldised konstrueerimis- ja arendusreeglid			
EVS-EN ISO 25119-2:2023	15.05.2024		
Põllunduse ja metsanduse traktorid ja masinad. Juhtimissüsteemide ohutusega seotud osad. Osa 2: Kontseptsiooni etapp			
EVS-EN ISO 25119-3:2023	15.05.2024		
Põllunduse ja metsanduse traktorid ja masinad. Juhtimissüsteemide ohutusega seotud osad. Osa 3: Arenduse etapp, riist- ja tarkvara			
EVS-EN ISO 25119-3:2023/A1:2023	15.05.2024		
Põllunduse ja metsanduse traktorid ja masinad. Juhtimissüsteemide ohutusega seotud osad. Osa 3: Arenduse etapp, riist- ja tarkvara			
EVS-EN ISO 25119-4:2023	15.05.2024		
Põllunduse ja metsanduse traktorid ja masinad. Juhtimissüsteemide ohutusega seotud osad. Osa 4: Valmistus, käitamine, muutmine ja tugiprotsessid			
EVS-EN ISO 25119-4:2023/A1:2023	15.05.2024		
Põllunduse ja metsanduse traktorid ja masinad. Juhtimissüsteemide ohutusega seotud osad. Osa 4: Valmistus, käitamine, muutmine ja tugiprotsessid			
EVS-EN ISO 3691-4:2023	15.05.2024		
Tööstusveokid. Ohutusnõuded ja vastavuskontroll. Osa 4: Juhita tööstusveokid ja nende süsteemid			

HARMONEERITUD STANDARDI STAATUSE KAOTANUD EESTI STANDARDID

Direktiiv 90/385/EMÜ Aktiivsed siirdatavad meditsiiniseadmed

Harmoneeritud standardi staatuse kaotanud Eesti standardi tähis ja pealkiri (viite kustutamise tõttu Euroopa Liidu Teatajast)	Viite kustutamise tähtaeg
EVS-EN 556-1:2002 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis on märgistatud sõnaga „STERIILNE“. Osa 1: Nõuded lõplikult steriliseeritud meditsiiniseadmetele	26.05.2024
EVS-EN 556-2:2015 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele vastavuseks märgistusele "Steriilne". Osa 2: Nõuded aseptiliselt töödeldud meditsiiniseadmetele	26.05.2024
EVS-EN 1041:2008 Tootja antav info meditsiiniseadmete kohta	26.05.2024
EVS-EN ISO 10993-1:2011 Meditsiiniseadmete bioloogiline hindamine. Osa 1: Hindamine ja katsetamine riskijuhtimissüsteemi alusel	26.05.2024
EVS-EN ISO 10993-1:2009/AC:2010	
EVS-EN ISO 10993-3:2014 Meditsiiniseadmete bioloogiline hindamine. Osa 3: Testid geenitoksiinide, kantserogeensete ja reproduktiivsete toksiinide määramiseks	26.05.2024
EVS-EN ISO 10993-4:2009 Meditsiinivahendite bioloogiline hindamine. Osa 4: Vastasmõjude hindamiseks läbiviidavad valikkatsed verega	26.05.2024
EVS-EN ISO 10993-5:2009 Meditsiinivahendite bioloogiline hindamine. Osa 5: Katsed tsütotoksilisuse hindamiseks - in vitro meetodid	26.05.2024
EVS-EN ISO 10993-6:2009 Meditsiinivahendite bioloogiline hindamine. Osa 6: Katsed implantatsioonijärgsete paiksete toimetate hindamiseks	26.05.2024
EVS-EN ISO 10993-7:2008 Meditsiiniseadmete bioloogiline hindamine. Osa 7: Jäägid etüleenoksiidiga steriliseerimisest	26.05.2024
EVS-EN ISO 10993-7:2008/AC:2009	
EVS-EN ISO 10993-9:2010 Meditsiiniseadmete bioloogiline hindamine. Osa 9: Potentsiaalsete lagusaaduste identifitseerimise ja kvantifitseerimise raamistik	26.05.2024
EVS-EN ISO 10993-11:2018 Meditsiiniseadmete bioloogiline hindamine. Osa 11: Katsed süsteemse toksilisuse hindamiseks	26.05.2024
EVS-EN ISO 10993-12:2012 Meditsiiniseadmete bioloogiline hindamine. Osa 12: Proovieksemplari ettevalmistamine ja etalonained	26.05.2024
EVS-EN ISO 10993-13:2010 Meditsiiniseadmete bioloogiline hindamine. Osa 13: Polümeerest meditsiiniseadmetest pärit mittetäisvääruslike saaduste kuuluvuse ja koguse kindlakstegemine	26.05.2024
EVS-EN ISO 10993-16:2017 Meditsiiniseadmete bioloogiline hindamine. Osa 16: Degradatsiooni produktide ja uhtainete jaoks mõeldud toksikokeemilise uuringu kava	26.05.2024
EVS-EN ISO 10993-17:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 17: Aine eraldumise lubatud piirmäärade kehtestamine	26.05.2024
EVS-EN ISO 10993-18:2020 Meditsiiniseadmete bioloogiline hindamine. Osa 18. Meditsiiniseadme materjalide keemiline iseloomustamine riskihaldusprotsessis	26.05.2024
EVS-EN ISO 11135-1:2007 Meditsiiniseadmete steriliseerimine. Etüleenoksiid. Osa 1: Nõuded meditsiiniseadmete steriliseerimise protsessi väljatöötamiseks, usaldusväärsuse kontrollimiseks ja rutiinseks kontrollimiseks	26.05.2024
EVS-EN ISO 11137-1:2015 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 1: Nõuded meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile	26.05.2024
EVS-EN ISO 11137-1:2015/A2:2019	
EVS-EN ISO 11137-2:2015 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine	26.05.2024
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EVS-EN 12342:1999+A1:2009	26.05.2024
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EVS-EN 12470-1:2000+A1:2009	26.05.2024
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EVS-EN 13544-2:2002+A1:2010	26.05.2024
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EVS-EN 13726-2:2002	26.05.2024
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EVS-EN 13976-1:2011	26.05.2024
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EVS-EN 14079:2003	26.05.2024
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EVS-EN 60601-2-11:2001 Elektrilised meditsiiniseadmed. Osa 2-11: Erinõuded gammakiireteraapia instrumentide ohutusele EVS-EN 60601-2-11:2001/A1:2004	26.05.2024
EVS-EN 60601-2-12:2006 Elektrilised meditsiiniseadmed. Osa 2-12: Erinõuded kopsuventilaatoritele. Intensiivraviventilaatorid	26.05.2024
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EVS-EN 60601-2-16:2001 Elektrilised meditsiiniseadmed. Osa 2-16: Erinõuded vere dialüüsi, vere filtreerimise ja vere filtreerimisseadmestiku ohutusele	26.05.2024
EVS-EN 60601-2-17:2004 Elektrilised meditsiiniseadmed. Osa 2-17: Automaatjuhtimis- ja järellaadimisega brachhüteraapiaseadmete üldised ohutusnõuded	26.05.2024
EVS-EN 60601-2-18:2001 Elektrilised meditsiiniseadmed. Osa 2-18: Erinõuded endoskoopiaseadmestiku ohutusele EVS-EN 60601-2-18:2001/A1:2002	26.05.2024
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EVS-EN 60601-2-20:2009 Elektrilised meditsiiniseadmed. Osa 2-20: Erinõuded imikute transpordi inkubaatorite esmasele ohutusele ja olulistele toimimisinäitajatele	26.05.2024
EVS-EN 60601-2-21:2009 Elektrilised meditsiiniseadmed. Osa 2-21: Erinõuded väikelaste kiirgussoojendajate esmasele ohutusele ja olulistele toimimisinäitajatele	26.05.2024
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EVS-EN 60601-2-23:2002 Elektrilised meditsiiniseadmed. Osa 2-23: Erinõuded nahaläbise partsiaalrõhu seireseadmestiku ohutusele, sealhulgas olulisele jõudlusele	26.05.2024
EVS-EN 60601-2-24:2001 Elektrilised meditsiiniseadmed. Osa 2-24: Erinõuded infusioonpumpade ja kontrolleri ohutusele	26.05.2024
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EVS-EN 60601-2-33:2010	26.05.2024
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EVS-EN 60645-2:2001 Audiomeetrid. Osa 2: Kõneaudiomeetria seadmestik	26.05.2024
EVS-EN 60645-3:2007 Elektroakustika. Audiomeetriaseadmed. Osa 3: Lühikese kestusega katsesignaalid	26.05.2024
EVS-EN 60645-4:2001 Audiomeetrid. Osa 4: Laiendatud kõrgsagedusaudiomeetria seadmed	26.05.2024
EVS-EN 61217:2012 Röntgenteraapia aparatuur. Koordinaadid, mehhanismid ja astmikud	26.05.2024
EVS-EN 61676:2003 Elektrilised meditsiiniseadmed. Dosimeetriselised instrumendid röntgenitoru pinge mitteinvasiivseks mõõtmiseks diagnostilises radioloogias	26.05.2024
EVS-EN 61676:2003/A1:2009	
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EVS-EN 62220-1-2:2007 Meditsiinilised elektriseadmed. Elektrilised meditsiiniseadmed. Digitaal-röntgenpildiseadmete karakteristikud. Osa 1-2: Tuvastuskvantsaagise määramine. Mammograafias kasutatavad detektorid	26.05.2024
EVS-EN 62220-1-3:2008 Meditsiinilised elektriseadmed. Digitaal-röntgenpildiseadmete karakteristikud. Osa 1-3: Tuvastuskvantsaagise määramine. Dünaamilisel kuvamisel kasutatavad detektorid	26.05.2024
EVS-EN 62304:2006 Meditsiiniseadmete tarkvara. Tarkvara elutsükli protsessid	26.05.2024
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EVS-EN 62366:2008 Meditsiiniseadmed. Meditsiiniseadmete kasutussobivuse rakendamine	26.05.2024
EVS-EN 80601-2-35:2010 Elektrilised meditsiiniseadmed. Osa 2-35: Erinõuded meditsiinilises kasutuses soojendustekkide, -patjade ja -madratsite esmasele ohutusele ja olulistele toimimisinäitajatele	26.05.2024
EVS-EN 80601-2-58:2009 Elektrilised meditsiiniseadmed. Osa 2-58: Erinõuded silmakirurgias läätsete eemaldamisel ja vitrektoomias kasutatavate seadmete esmasele ohutusele ja olulistele toimimisinäitajatele	26.05.2024
EVS-EN 80601-2-59:2010 Meditsiinilised elektriseadmed. Osa 2-59: Erinõuded inimese palavikutemperatuuri kuvamise ekraantermograafide põhiohutusele ja -toimivusele	26.05.2024
EVS-EN ISO 81060-1:2012 Mitteinvasiivsed sfügmomanomeetrid. Osa 1: Mitteaautomatse mõõtmistüübi nõuded ja testmeetodid	26.05.2024
EVS-EN ISO 81060-2:2019 Mitteinvasiivsed sfügmomanomeetrid. Osa 2: Katkendliku automatiseeritud mõõteviisi kliinilised uuringud	26.05.2024
EVS-EN ISO 5361:2016 Anesteesia- ja hingamisaparatuur. Intubatsioonitorud ja liitmikud	26.05.2024
EVS-EN IEC 60601-2-66:2020 Elektrilised meditsiiniseadmed. Osa 2-66: Erinõuded kuuldeaparaatide ja kuuldesüsteemide esmasele ohutusele ja olulistele toimimisinäitajatele	26.05.2024
EVS-EN IEC 60601-2-83:2020 Elektrilised meditsiiniseadmed. Osa 2-83: Elektrilised meditsiiniseadmed. Osa 2-83: Erinõuded koduse valgusraviseadme esmasele ohutusele ja olulistele toimimisinäitajatele	26.05.2024
EVS-EN ISO 80601-2-55:2018 Elektrilised meditsiiniseadmed. Osa 2-55: Erinõuded hingamisgaaside monitori esmasele ohutusele ja olulistele toimimisinäitajatele	26.05.2024

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EVS-EN 556-1:2002 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis on märgistatud sõnaga "STERIILNE". Osa 1: Nõuded lõplikult steriliseeritud meditsiiniseadmetele	26.05.2024
EVS-EN 556-2:2015 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele vastavuseks märgistusele "Steriilne". Osa 2: Nõuded aseptiliselt töödeldud meditsiiniseadmetele	26.05.2024
EVS-EN ISO 11137-1:2015 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 1: Nõuded meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile	26.05.2024
EVS-EN ISO 11137-1:2015/A2:2019	
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EVS-EN ISO 11737-2:2020 Meditsiiniseadmete steriliseerimine. Mikrobioloogilised meetodid. Osa 2: Steriliseerimisprotsesside määramisel, valideerimisel ja hooldamisel teostatud steriilsustestid	26.05.2024
EVS-EN 12322:1999 In vitro kasutatavad diagnostilised meditsiiniseadmed. Mikrobioloogia sөөde. Söötmе esitluskriteeriumid	26.05.2024
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EVS-EN ISO 13408-7:2015 Tervishoiutoodete aseptiline töötlemine. Osa 7: Meditsiiniseadme ja sellega kombinatsioonis olevate toodete alternatiivsed töötlusprotsessid	26.05.2024
EVS-EN ISO 13485:2016 Meditsiiniseadmed. Kvaliteedijuhtimissüsteem. Normatiivsed nõuded	26.05.2024
EVS-EN ISO 13485:2016/AC:2018	
EVS-EN 13532:2002 Üldnõuded in vitro diagnostilistele enesekontrolli meditsiiniseadmetele	26.05.2024
EVS-EN 13612:2002 In vitro diagnostiliste seadmete jõudluse hindamine	26.05.2024
EVS-EN 13641:2002 In vitro diagnostiliste reaktiividega seotud infektsiooniriski kõrvaldamine või vähendamine	26.05.2024
EVS-EN 13975:2003 Diagnostiliste in vitro meditsiiniseadmete vastuvõtul teostatava testimise osaks olevad proovivõtumeetodid. Statistilised aspektid	26.05.2024
EVS-EN 14136:2004 Väliste kvaliteedihindamissüsteemide kasutamine in vitro diagnostiliste kontrollimisprotseduuride toimimishäätajate hindamisel	26.05.2024
EVS-EN 14254:2004 In vitro meditsiinilised diagnostikaseadmed. Ühekordselt kasutatavad anumad verest erinevate proovide võtmiseks inimestelt	26.05.2024
EVS-EN 14820:2004 Ühekordsed katsutid inimese veenivere proovide kogumiseks	26.05.2024
EVS-EN ISO 14937:2009 Tervishoiutoodete steriliseerimine. Üldnõuded steriliseerimisaine iseloomustusele ja meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile	26.05.2024
EVS-EN ISO 14971:2012 Meditsiiniseadmed. Riskijuhtimise rakendamine meditsiiniseadmetele	26.05.2024
EVS-EN ISO 15193:2009 In vitro meditsiinilised diagnostikaseadmed. Bioloogilise päritoluga proovi koguselise koostise määramine. Nõuded tunnustatud mõõtmisprotseduuride sisule ja vormistusele	26.05.2024
EVS-EN ISO 15194:2009 In vitro meditsiinilised diagnostikaseadmed. Bioloogilise päritoluga proovide koguste mõõtmine. Nõuded sertifitseeritud lähtematerjalidele ja saatedokumentide sisule	26.05.2024

EVS-EN ISO 15197:2015 In vitro diagnostikasüsteemid. Nõuded diabeetikute enesekontrolli veresuhkru jälgimissüsteemidele	26.05.2024
EVS-EN ISO 15223-1:2016 Meditsiiniseadmed. Meditsiiniseadme märgisel, märgistusel ning kaasavas teabes kasutatavad tingmärgid. Osa 1: Üldnõuded	26.05.2024
EVS-EN ISO 17511:2003 In vitro kasutatavad diagnostilised meditsiiniseadmed. Bioloogilise materjali mõõtmine. Metrooloogiline väärtuste jälgimine vastavalt kalibrile ja kontrollmaterjalidele	26.05.2024
EVS-EN ISO 18113-1:2011 In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etiketamine). Osa 1: Terminid, määratlused ja üldnõuded	26.05.2024
EVS-EN ISO 18113-2:2011 In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etiketamine). Osa 2: In vitro diagnostika reagentid professionaalseks kasutuseks	26.05.2024
EVS-EN ISO 18113-3:2011 In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etiketamine). Osa 3: In vitro diagnostika instrumendid professionaalseks kasutuseks	26.05.2024
EVS-EN ISO 18113-4:2011 In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etiketamine). Osa 4: In vitro diagnostika reagentid enesetestamiseks	26.05.2024
EVS-EN ISO 18113-5:2011 In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etiketamine). Osa 5: In vitro diagnostika instrumendid enesetestamiseks	26.05.2024
EVS-EN ISO 18153:2003 In vitro kasutatavad diagnostilised meditsiiniseadmed. Bioloogilise materjali mõõtmine. Metrooloogiline katalüütilise ensüümide kontsentratsiooni väärtuste jälgimine vastavalt kalibrile ja kontrollmaterjalidele	26.05.2024
EVS-EN ISO 20776-1:2006 Kliinilis-laboratoorne katsetamine ja in vitro diagnostikasüsteemid. Infektsioossete agensite tundlikkuse katsetamine ja antimikroobse tundlikkuse katseseadmete tõhususe hindamine. Osa 1: Referentsmeetod aktiivsuse hindamiseks	26.05.2024
EVS-EN ISO 23640:2015 In vitro diagnostilised meditsiiniseadmed. In vitro diagnostiliste reaktiivide stabiilsuskatsetus	26.05.2024
EVS-EN ISO 25424:2019 Tervishoiutoodete steriliseerimine. Madalatemperatuurine aur ja formaldehüüd. Nõuded meditsiiniseadme steriliseerimisprotsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks	26.05.2024
EVS-EN 61010-2-101:2003 Ohutusnõuded mõõtmise, kontrolli ja laborikasutuse elektriseadmetestikule. Osa 2- 101: Erinõuded in vitro diagnostilisele (IVD) meditsiiniseadmetestikule	26.05.2024
EVS-EN 61326-2-6:2006 Mõõte-, juhtimis- ja laboratooriumi-elektriseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 2-6: Erinõuded. Meditsiiniseadmete diagnostika in vitro	26.05.2024
EVS-EN 62304:2006 Meditsiiniseadmete tarkvara. Tarkvara elutsükli protsessid EVS-EN 62304:2006/AC:2008	26.05.2024
EVS-EN 62366:2008 Meditsiiniseadmed. Meditsiiniseadmete kasutussobivuse rakendamine	26.05.2024
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EVS-EN 12322:1999 In vitro kasutatavad diagnostilised meditsiiniseadmed. Mikrobioloogia sööde. Söötme esitluskriteeriumid EVS-EN 12322:1999/A1:2002	26.05.2024
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EVS-EN ISO 13408-5:2011 Tervishoiutoodete aseptiline töötlemine. Osa 5: Kohapeal steriliseerimine	26.05.2024
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