

EVS

TEATAJA

Avaldatud 02.05.2024

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

CEN ISO/TR 41016:2024

Facility management - Overview of available technologies (ISO/TR 41016:2024)

This document provides an overview of the available facility management (FM) technologies. This document is applicable to facility managers, their teams and their stakeholders. It aligns specifically with ISO/TR 41013, the ISO 19650 series and the ISO 41000 family of standards as part of an integrated framework to achieve FM best practice. This document outlines various long-term benefits and enhanced value that can be derived progressively by the operators, occupants and owners of facilities, worldwide, via the effective application of technology. This document includes, defines and categorises systems, equipment, methodologies and software applications that are available. This framework defines how facility managers can understand and integrate digital practice and technologies in the built environment.

Keel: en

Alusdokumendid: ISO/TR 41016:2024; CEN ISO/TR 41016:2024

CEN ISO/TS 23406:2024

Nuclear sector - Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS) (ISO/TS 23406:2024)

This document complements the existing requirements of ISO/IEC 17021-1 for bodies providing audit and certification of quality management systems against ISO 19443. NOTE This document can be used as a criteria document for accreditation, peer assessment or other audit processes.

Keel: en

Alusdokumendid: ISO/TS 23406:2024; CEN ISO/TS 23406:2024

Asendab dokumenti: CEN ISO/TS 23406:2021

EVS 875-4:2024

Vara hindamine. Osa 4: Hindaja kutse-eesitika ja hindamistulemuste esitamine Property valuation - Part 4: Professional ethics of an appraiser and valuation reporting

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenukatagiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja „Vara hindamine“ osa, milles määratakse hindamise häid tavasid ja hindamistulemustele esitatavaid nõudeid. Selles Eesti standardis kirjeldatakse varade hindaja kutsemääratlust, hindaja kutse-eesitikat ja hindamistoimingu korraldamise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. Tegemist on standardi EVS 875-4:2015 „Hindamise head tavad ja hindamistulemuste esitamine“ uuendustega.

Keel: et

Asendab dokumenti: EVS 875-4:2015

EVS-EN 17929:2024

Hyperloop Transport Services

Hyperloop transport services are designed to support passenger transport and cargo transport. For each of the transport service user/customer requirements and expectations are different. This document defines the hyperloop transport services supported by a hyperloop system and provides means for characterization and description of these services. The characterization considers the technical as well as operational / commercial features of each transport service.

Keel: en

Alusdokumendid: EN 17929:2024

EVS-EN ISO 24808:2024

Recreational diving services - Requirements for rebreather instructor training (ISO 24808:2024)

This document specifies requirements for rebreather instructor training programmes which provide the competencies required to be able to train rebreather divers. This document specifies evaluation criteria for these competencies and specifies the requirements for four levels of rebreather instructors. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision according to ISO 24803.

Keel: en

Alusdokumendid: ISO 24808:2024; EN ISO 24808:2024

EVS-EN ISO 8804-1:2024

Requirements for the training of scientific divers - Part 1: Scientific divers (ISO 8804-1:2024)

This document specifies minimum requirements for the training of scientific divers to undertake scientific diving. This document specifies evaluation criteria for these competencies. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision according to ISO 24803.

Keel: en

Alusdokumendid: ISO 8804-1:2024; EN ISO 8804-1:2024

EVS-EN ISO 8804-2:2024

Requirements for the training of scientific divers - Part 2: Advanced scientific divers (ISO 8804-2:2024)

This document specifies minimum requirements for the training of advanced scientific divers to undertake advanced scientific diving. This document specifies evaluation criteria for these competencies. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

Keel: en

Alusdokumendid: ISO 8804-2:2024; EN ISO 8804-2:2024

EVS-EN ISO 8804-3:2024

Requirements for the training of scientific divers - Part 3: Scientific diving project leader (ISO 8804-3:2024)

This document specifies minimum requirements for the training of scientific diving project leaders. This document specifies evaluation criteria for scientific diving project leaders. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

Keel: en

Alusdokumendid: ISO 8804-3:2024; EN ISO 8804-3:2024

11 TERVISEHOOLDUS

CWA 18105:2024

Assessing machine learning-based pandemic crisis prediction and management tools in STADEM trials

Method to assess pandemic crises prediction for the CEN member states

Keel: en

Alusdokumendid: CWA 18105:2024

EVS-EN 60601-1:2006/A13:2024

Elektrilised meditsiiniseadmed. Osa 1: Üldnõuded ohutusele Medical electrical equipment - Part 1: General requirements for safety

Amendment to EN 60601-1:2006

Keel: en

Alusdokumendid: EN 60601-1:2006/A13:2024

Muudab dokumenti: EVS-EN 60601-1:2006

Muudab dokumenti: EVS-EN 60601-1:2006+A1:2013+A12:2014

Muudab dokumenti: EVS-EN 60601-1:2006+A1+A12+A2:2021

EVS-EN ISO 13408-1:2024

Tervishoiutoodete aseptiline töötlemine. Osa 1: Üldnõuded Aseptic processing of health care products - Part 1: General requirements (ISO 13408-1:2023)

This document specifies the general requirements for, and offers guidance on, processes, programs and procedures for development, validation and routine control of aseptic processing of health care products. This document includes requirements and guidance relative to the overall topic of aseptic processing. Specific requirements and guidance on various specialized processes and methods related to sterilizing filtration, lyophilization, clean-in place (CIP) technologies, sterilization in place (SIP) and isolator systems are given in the other parts of the ISO 13408 series.

Keel: en

Alusdokumendid: ISO 13408-1:2023; EN ISO 13408-1:2024

Asendab dokumenti: EVS-EN ISO 13408-1:2015

EVS-EN ISO 16571:2024

Systems for evacuation of plume generated by medical devices (ISO 16571:2024)

This document specifies requirements and guidelines for systems and equipment used to evacuate plume generated by medical devices. This document applies to all types of plume evacuation systems (PESs), including a) portable; b) mobile; c) stationary, including dedicated central pipelines; d) PESs integrated into other equipment; e) PESs for endoscopic procedures (e.g., minimally invasive, laparoscopic) This document applies to all healthcare facilities where PESs are used, including, but not limited

to a) surgical facilities; b) medical offices; c) cosmetic treatment facilities; d) medical teaching facilities; e) dental clinics; f) veterinary facilities. This document provides guidance on the following aspects of PESs: a) importance; b) purchasing; c) design; d) manufacture; e) documentation; f) function; g) performance; h) installation; i) commissioning; j) testing; k) training; l) use; m) risk assessment; n) servicing; o) maintenance. This document does not apply to the following: a) anaesthetic gas scavenging systems (AGSSs) which are covered in ISO 7396-2; b) medical vacuum systems which are covered in ISO 7396-1; c) heating, ventilation, and air-conditioning (HVAC) systems; d) aspects of laser safety other than airborne contamination; and e) aspects of electrosurgery, electrocautery, and mechanical surgical tools other than airborne contamination produced by such equipment resulting from interaction with tissue or materials.

Keel: en

Alusdokumendid: ISO 16571:2024; EN ISO 16571:2024

EVS-EN ISO 23500-3:2024

Preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (ISO 23500-3:2024)

This document specifies the minimum chemical and microbiological quality requirements, for water used for preparation of dialysis fluids, concentrates, and for the reprocessing of haemodialysers, together with the necessary steps to ensure conformity with the requirements. The document also provides guidance for the ongoing monitoring of the purity of such water in terms of chemical and microbiological quality. This document is applicable to — water used in the preparation of dialysis fluids for haemodialysis, haemodiafiltration and haemofiltration and the reprocessing of haemodialysers, and — water used in the preparation of concentrates. This document does not apply to dialysis fluid regenerating systems. The operation of water treatment equipment and the final mixing of treated water with concentrates to produce dialysis fluid are the sole responsibility of dialysis professionals.

Keel: en

Alusdokumendid: ISO 23500-3:2024; EN ISO 23500-3:2024

Asendab dokumenti: EVS-EN ISO 23500-3:2019

EVS-EN ISO 23500-4:2024

Preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (ISO 23500-4:2024)

This document specifies the chemical and microbiological requirements for concentrates used for haemodialysis and related therapies and applies to the manufacturer of such concentrates. This document is applicable to: — concentrates in both liquid and powder forms; — additives, also called spikes, which are chemicals that can be added to the concentrate to supplement or increase the concentration of one or more of the existing ions in the concentrate and thus in the final dialysis fluid; — equipment used to mix acid and bicarbonate powders into concentrate at the user's facility. This document does not apply to: — concentrates prepared from pre-packaged salts and water at a dialysis facility for use in that facility; — pre-packaged and sterile dialysis fluid; — sorbent dialysis fluid regeneration systems that regenerate and recirculate small volumes of the dialysis fluid; — equipment to perform patient treatment; this is addressed IEC 60601-2-16. This document does not cover the dialysis fluid that is used to clinically dialyse patients. Dialysis fluid is covered in ISO 23500-5. The making of dialysis fluid involves the proportioning of concentrate and water at the bedside or in a central dialysis fluid delivery system. Although the label requirements for dialysis fluid are placed on the labelling of the concentrate, it is the user's responsibility to ensure proper use.

Keel: en

Alusdokumendid: ISO 23500-4:2024; EN ISO 23500-4:2024

Asendab dokumenti: EVS-EN ISO 23500-4:2019

EVS-EN ISO 23500-5:2024

Preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO 23500-5:2024)

This document specifies the minimum chemical and microbiological quality requirements for dialysis fluids used in haemodialysis and related therapies. This document applies to — dialysis fluids used for haemodialysis and haemodiafiltration, — substitution fluid produced online for haemodiafiltration and haemofiltration based on dialysis fluid. This document does not apply to — the water and concentrates used to prepare dialysis fluid or the equipment to produce dialysis fluid — sorbent-based dialysis fluid regeneration systems that regenerate and recirculate small volumes of dialysis fluid, — systems for continuous renal replacement therapy that use pre-packaged solutions, and — systems and solutions for peritoneal dialysis. The delivery and monitoring of the dialysis fluid composition and its permitted deviation from set points is governed by protective systems defined in IEC 60601-2-16.

Keel: en

Alusdokumendid: ISO 23500-5:2024; EN ISO 23500-5:2024

Asendab dokumenti: EVS-EN ISO 23500-5:2019

EVS-EN ISO 5832-1:2024

Implants for surgery - Metallic materials - Part 1: Wrought stainless steel (ISO 5832-1:2024)

This document specifies the characteristics of, and corresponding test methods for, wrought stainless steel for use in the manufacture of surgical implants. NOTE 1 The mechanical properties of a sample obtained from a finished product made of this alloy can differ from those specified in this document. NOTE 2 The alloy described in this document corresponds to UNS S31673 in ASTM F138 and ASTM F139.

Keel: en

Alusdokumendid: ISO 5832-1:2024; EN ISO 5832-1:2024

Asendab dokumenti: EVS-EN ISO 5832-1:2019

EVS-EN ISO 5832-7:2024

Implants for surgery - Metallic materials - Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2024)

This document specifies the characteristics of, and corresponding test methods for, forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy for use in the manufacture of surgical implants. NOTE The mechanical properties of a sample obtained from a finished product made of this alloy can differ from those specified in this document.

Keel: en

Alusdokumendid: ISO 5832-7:2024; EN ISO 5832-7:2024

Asendab dokumenti: EVS-EN ISO 5832-7:2019

EVS-EN ISO 8637-2:2024

Extracorporeal systems for blood purification - Part 2: Extracorporeal blood and fluid circuits for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO 8637-2:2024)

This document specifies requirements for disposable extracorporeal blood and fluid circuits and accessories used in combination with haemodialysis equipment intended for extracorporeal blood treatment therapies such as, but not limited to, haemodialysis, haemodiafiltration, haemofiltration. This document does not apply to: — haemodialysers, haemodiafilters or haemofilters; — plasmfilters; — haemoperfusion devices; — vascular access devices. NOTE 1 Requirements for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators are specified in ISO 8637-1. NOTE 2 Requirements for plasmfilters are specified in ISO 8637-3.

Keel: en

Alusdokumendid: ISO 8637-2:2024; EN ISO 8637-2:2024

Asendab dokumenti: EVS-EN ISO 8637-2:2018

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TR 7250-2:2024

Basic human body measurements for technological design - Part 2: Statistical summaries of body measurements from national populations (ISO/TR 7250-2:2024)

This document provides statistical summaries of body measurements measured according to ISO 7250-1, together with database background information for working age people prepared according to ISO 15535:2012 in the national populations of individual ISO member bodies. This document also describes the process of the measurement and preparation of statistical summaries.

Keel: en

Alusdokumendid: ISO/TR 7250-2:2024; CEN ISO/TR 7250-2:2024

Asendab dokumenti: CEN ISO/TR 7250-2:2011

Asendab dokumenti: CEN ISO/TR 7250-2:2011/A1:2013

CWA 18106:2024

Circularity Protocols for extending the useful Life of Large Industrial Equipment

Applying the concepts of Digital Twin and virtual simulations, the CWA describes a set of protocols for modernising, diagnosing, inspecting, repairing, disassembling, upgrading, refurbishing, remanufacturing, recycling and reassembly and testing of Large Industrial Equipment. The CWA will provide a formal Protocols Specifications Document (PSD), specifying for each protocol unambiguously steps, processes, deployment requirements and conditions, etc. The development of a CWA, based on the consensus of the parties, is the most suitable tool to provide policymakers and all interested stakeholders with a guide, a reference document which, although not binding, will act as a catalyst for further documents, proposals and future European projects. This workshop is created under the currently ongoing LEVEL-UP project (Grant Agreement # 869991) which is carried out in the framework of Horizon 2020.

Keel: en

Alusdokumendid: CWA 18106:2024

EVS-EN 14972-4:2024

Fixed firefighting systems - Water mist systems - Part 4: Test protocol for non-storage occupancies for automatic nozzle systems

This document specifies the evaluation of the fire performance of water mist systems for lightly loaded non-storage and non-manufacturing occupancies with ordinary combustibles, such as offices, schools, hospitals and hotels. This document is applicable to ceiling mounted and sidewall automatic nozzles to be used in restricted and/or unlimited areas. This document is applicable for horizontal, solid, flat ceilings with heights of 2 m and above, up to the maximum tested ceiling height.

Keel: en

Alusdokumendid: EN 14972-4:2024

EVS-EN 15348:2024

Plastics - Recycled plastics - Characterization of poly(ethylene terephthalate) (PET) recyclates

This document specifies the main characteristics and associated test methods for assessing of poly(ethylene terephthalate) (PET) recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of PET recyclates to agree on specifications for specific and generic applications. This document does not cover the

characterization of plastics wastes, which is covered by the EN 15347 series, neither traceability topics which are covered by EN 15343. This document is applicable without prejudice to any existing legislation.

Keel: en

Alusdokumendid: EN 15348:2024

Asendab dokumenti: EVS-EN 15348:2014

EVS-EN ISO 5667-3:2024

Vee kvaliteet. Proovivõtt. Osa 3: Veeproovide konserveerimine ja käitlemine Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO 5667-3:2024)

See dokument määrab üldised nõudmised kõikide veeproovide, kaasa arvatud füsiokeemilisteks, keemilisteks, hüdrobioloogilisteks ja mikrobioloogilisteks analüüsideks ja radiokeemiliste analüütide ja aktiivsuste jaoks mõeldud proovide võtmise, konserveerimise, käitlemise, transpordi ja hoidmise osas. Veeproovide säilitusaegade valideerimise juhised on esitatud tehnilises spetsifikatsioonis ISO/TS 5667-25. See dokument ei kohaldu veeproovidele, mis on ette nähtud ökotoksikoloogilisteks katseteks, bioloogilisteks katseteks (mis on määratletud standardis ISO 5667-16), passiivseks proovivõtuks (mis on määratletud standardis ISO 5667-23) ja mikroplasti jaoks (mis on määratletud standardis ISO 5667-27). See dokument on eriti asjakohane siis, kui proove ei ole võimalik kohapeal analüüsida ning need tuleb analüüsimiseks laborisse toimetada.

Keel: en, et

Alusdokumendid: ISO 5667-3:2024; EN ISO 5667-3:2024

Asendab dokumenti: EVS-EN ISO 5667-3:2018

EVS-EN ISO 9241-115:2024

Ergonomics of human-system interaction - Part 115: Guidance on conceptual design, user-system interaction design, user interface design, and navigation design (ISO 9241-115:2024)

This document provides guidance on aspects of the design of human-system interaction, including conceptual design, user-system interaction design, user interface design and navigation design for interactive systems. This document applies to all design and development approaches and methodologies, including human-centred design, object-oriented, waterfall, human factors integration (HFI), agile and rapid development. It is intended for the following types of users: — user interface designers, who will apply the guidance during the development process; — developers, who will apply the guidance during the design and implementation of system functionality; — evaluators, who are responsible for ensuring that products meet the recommendations; — designers of user interface development tools and style guides to be used by user interface designers; — project managers, who are responsible for managing development processes.

Keel: en

Alusdokumendid: ISO 9241-115:2024; EN ISO 9241-115:2024

Asendab dokumenti: EVS-EN ISO 14915-2:2011

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 13523-1:2024

Coil coated metals - Test methods - Part 1: Film thickness

This document specifies the procedures for determining the dry-film thickness of an organic coating on a metallic substrate (coil coating). Five appropriate methods are given in this document: a) magnetic induction; b) eddy current; c) micrometer; d) optical; e) ruggedized optical interference. The methods are applicable only to products with smooth and flat substrates, but the coating itself can be textured. In that case, for methods a) and b), the average of a series of readings will represent an average of the thickness of the organic coating, while method c) will give the maximum thickness, method d) can provide the minimum, maximum and average thickness, and e) will give the total thickness. Non-destructive continuous-web methods on measurement of dry-film thickness are only applicable on method a).

Keel: en

Alusdokumendid: EN 13523-1:2024

Asendab dokumenti: EVS-EN 13523-1:2017

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14986:2024

Plahvatusohtlikus keskkonnas töötavate ventilaatorite projekteerimine Design of fans working in potentially explosive atmospheres

1.1 This document specifies the constructional requirements for fans constructed to Group II G (of explosion groups IIA, IIB and hydrogen) categories 1, 2 and 3, and Group II D categories 2 and 3, intended for use in explosive atmospheres. NOTE 1 Operation conditions for the different categories of fans used in this document are defined in Clause 4. 1.3 This document specifies requirements for design, construction, testing and marking of complete fan units intended for use in potentially explosive atmospheres in air containing gas, vapour, mist and/or dusts. Such atmospheres can exist inside (the conveyed atmosphere (flammable or not)), outside, or inside and outside of the fan. This document covers mechanical equipment, in particular fans. The "type of protection" as specified in EN ISO 80079 37:2016 is constructional safety. 1.4 This document is applicable to fans working in ambient atmospheres and with normal atmospheric conditions at the inlet, having — absolute pressures ranging from 0,8 bar to 1,1 bar, — and temperatures ranging from -20 °C to $+60\text{ °C}$, — and maximum volume fraction of 21 % oxygen content, — and an aerodynamic energy increase of less than 25 kJ/kg. NOTE 1 25 kJ/kg is equivalent to 30 kPa at inlet density of 1,2 kg/m³. This document can also be helpful for the design, construction, testing and marking of fans intended for use in atmospheres outside

the validity range stated above or in cases where other material pairings need to be used. In this case, the ignition risk assessment, ignition protection provided, additional testing (if necessary), manufacturer's marking, technical documentation and instructions to the user, clearly demonstrate and indicate the equipment's suitability for the conditions the fan can encounter. NOTE 2 Temperatures below $-20\text{ }^{\circ}\text{C}$ can be considered. Material suitability can require specific evaluation for these temperatures. With lower temperature the explosion pressure increases, which leads to increased test pressures (see A.3) and can require specific testing. Although the standard atmospheric conditions in EN ISO 80079 36:2016 give a temperature range for the atmosphere of $-20\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$ the normal ambient temperature range for the equipment is $-20\text{ }^{\circ}\text{C}$ to $+40\text{ }^{\circ}\text{C}$ unless otherwise specified and marked. 1.5 This document does not apply to: — group I fans (fans for mining); — explosion group IIC (other than hydrogen); — category 1D fans; — cooling fans or impellers on rotating electrical machines; — cooling fans or impellers on internal combustion engines, vehicles or electric motors. NOTE 3 Measures for category 1D fans are given in EN 1127 1:2019. NOTE 4 Measures for explosion group IIC (other than hydrogen) are given in EN 1127 1:2019. NOTE 5 Measures for explosion group I are given in EN ISO/IEC 80079 38:2016 and EN 1127 2:2014.

Keel: en

Alusdokumendid: EN 14986:2024

Asendab dokumenti: EVS-EN 14986:2017

EVS-EN 549:2019+A2:2024

Kummimaterjalid gaasiseadmete tihenditele ja membraanidele Rubber materials for seals and diaphragms for gas appliances and gas equipment

This document specifies requirements and associated test methods for rubber materials used in gas installations, gas equipment and gas appliances in contact with 1st, 2nd and 3rd family combustible gases as classified in EN 437:2018, additionally LPG, bio methane and bio LPG, in the same quality, are covered. It also establishes a classification based on temperature range and hardness. This document is applicable to materials from which homogeneous seals and homogeneous or reinforced diaphragms are manufactured. Since the dimensions and shape of the components differ from those of standard test pieces taken from sheet material as used for type testing of the rubber materials according to this document, tolerances have been made in the requirements specified by Annex A for the components with respect to those specified for standard test pieces. The range of operating temperatures covered by this document is $-40\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$. For applications with potential condensation, this document is not applicable for silicon rubber, e.g. above 200 hPa (200 mbar) nominal pressure or at temperatures below $0\text{ }^{\circ}\text{C}$ with 3rd family gases.

Keel: en

Alusdokumendid: EN 549:2019+A2:2024

Asendab dokumenti: EVS-EN 549:2019+A1:2023

EVS-EN ISO 10297:2024

Gas cylinders - Cylinder valves - Specification and type testing (ISO 10297:2024)

This document specifies design, type testing and marking requirements for: a) cylinder valves intended to be fitted to refillable transportable gas cylinders; b) main valves (excluding ball valves) for bundles of cylinders; c) cylinder valves or main valves with integrated pressure regulator (VIPR); NOTE 1 This includes the following specific VIPR designs where: 1) The pressure regulating system is acting as the primary valve operating mechanism (VIPR type B). This also includes designs where closure of the primary valve operating mechanism is obtained by closing the seat of the pressure regulating mechanism. 2) The primary valve operating mechanism is located at the low-pressure side of the pressure regulating system (VIPR type C). d) valves for pressure drums and tubes; which convey compressed, liquefied or dissolved gases. NOTE 2 Where there is no risk of ambiguity, cylinder valves, main valves, VIPRs and valves for pressure drums and tubes are addressed with the collective term "valves" within this document. This document does not apply to — valves for cryogenic equipment, portable fire extinguishers and liquefied petroleum gas (LPG); — quick-release cylinder valves (e.g. for fire-extinguishing, explosion protection and rescue applications) - requirements for quick-release cylinder valves are specified in ISO 17871 which contains normative references to this document; — self-closing cylinder valves and ball valves. NOTE 3 Requirements for valves for cryogenic vessels are specified in ISO 21011 and at a regional level, e.g. in EN 1626. Requirements for LPG valves are specified in ISO 14245 or ISO 15995. Requirements for self-closing cylinder valves are specified in ISO 17879. Requirements for ball valves are specified in ISO 23826. Requirements for valves for portable fire extinguishers at a regional level are specified, for example, in the EN 3 series. This document only covers the function of a valve as a closure. Other functions that are possibly integrated in the valve can be covered by other standards. Such standards do however not constitute requirements according to this document. NOTE 4 Definition of and specific requirements for VIPRs in addition to those that are given in this document are specified in ISO 22435 for industrial applications or ISO 10524-3 for medical applications. Similarly, certain specific requirements for residual pressure valves (RPV) with or without a non-return function in addition to those that are given in this document are given in ISO 15996. NOTE 5 Certain specific requirements for valves for breathing apparatus in addition to those that are given in this document are specified at a regional level, for example, in the EN 144 series. Certain specific requirements for quick-release valves for fixed fire-fighting systems in addition to those that are given in this document are specified in ISO 16003 and at a regional level, for example, in EN 12094-4. NOTE 6 Requirements for manufacturing tests and examinations of valves covered by this document are given in ISO 14246.

Keel: en

Alusdokumendid: ISO 10297:2024; EN ISO 10297:2024

Asendab dokumenti: EVS-EN ISO 10297:2014

Asendab dokumenti: EVS-EN ISO 10297:2014/A1:2017

EVS-EN ISO 17871:2020/A1:2024

Gas cylinders - Quick-release cylinder valves - Specification and type testing - Amendment 1 (ISO 17871:2020/Amd 1:2024)

Amendment to EN ISO 17871:2020

Keel: en

Alusdokumendid: ISO 17871:2020/Amd 1:2024; EN ISO 17871:2020/A1:2024

25 TOOTMISTEHNOLLOOGIA

CWA 18106:2024

Circularity Protocols for extending the useful Life of Large Industrial Equipment

Applying the concepts of Digital Twin and virtual simulations, the CWA describes a set of protocols for modernising, diagnosing, inspecting, repairing, disassembling, upgrading, refurbishing, remanufacturing, recycling and reassembly and testing of Large Industrial Equipment. The CWA will provide a formal Protocols Specifications Document (PSD), specifying for each protocol unambiguously steps, processes, deployment requirements and conditions, etc. The development of a CWA, based on the consensus of the parties, is the most suitable tool to provide policymakers and all interested stakeholders with a guide, a reference document which, although not binding, will act as a catalyst for further documents, proposals and future European projects. This workshop is created under the currently ongoing LEVEL-UP project (Grant Agreement # 869991) which is carried out in the framework of Horizon 2020.

Keel: en

Alusdokumendid: CWA 18106:2024

EVS-EN 13523-1:2024

Coil coated metals - Test methods - Part 1: Film thickness

This document specifies the procedures for determining the dry-film thickness of an organic coating on a metallic substrate (coil coating). Five appropriate methods are given in this document: a) magnetic induction; b) eddy current; c) micrometer; d) optical; e) ruggedized optical interference. The methods are applicable only to products with smooth and flat substrates, but the coating itself can be textured. In that case, for methods a) and b), the average of a series of readings will represent an average of the thickness of the organic coating, while method c) will give the maximum thickness, method d) can provide the minimum, maximum and average thickness, and e) will give the total thickness. Non-destructive continuous-web methods on measurement of dry-film thickness are only applicable on method a).

Keel: en

Alusdokumendid: EN 13523-1:2024

Asendab dokumenti: EVS-EN 13523-1:2017

EVS-EN 13523-10:2024

Coil coated metals - Test methods - Part 10: Resistance to fluorescent UV radiation and water condensation

This part of the EN 13523 series specifies the basic principles and procedure for determining the resistance of an organic coating on a metallic substrate (coil coating) to a combination of fluorescent UV radiation, and water condensation and temperature under controlled conditions. Due to varied conditions which occur during natural weathering and the extreme nature of accelerated testing, correlation between the two cannot be expected. Not all organic coatings will perform on an equal basis but a degree of correlation between the same generic type might be observed.

Keel: en

Alusdokumendid: EN 13523-10:2024

Asendab dokumenti: EVS-EN 13523-10:2017

EVS-EN 13523-12:2024

Coil coated metals - Test methods - Part 12: Resistance to scratching

This document specifies the procedure for determining the resistance of an organic coating on a metallic substrate to penetration by scratching with a needle. It is possible that with some aluminium alloys and thin gauge steel substrate below 0,4 mm, that rather than scratching, the needle will deform the substrate. Under these conditions, this test method is not applicable. Soft coatings such as poly vinyl chloride (PVC) and structured coatings will not give a precise result due to the soft nature of the coating and/or the potential for the needle to snag. The method is not applicable to conductive coatings.

Keel: en

Alusdokumendid: EN 13523-12:2024

Asendab dokumenti: EVS-EN 13523-12:2017

EVS-EN 13523-21:2024

Coil coated metals - Test methods - Part 21: Evaluation of outdoor exposed panels

This part of the EN 13523 series specifies the procedure for evaluating the behaviour of an organic coating on a metallic substrate during and after outdoor exposure. Panel design, preparation and the procedure for outdoor exposure are performed in accordance with EN 13523 19. After washing of the panel, some dirt can remain on the panel. This remaining dirt can influence the accuracy and precision of readings of gloss and colour, performed on exposed panels, although carried out in accordance with the standards. Unlike other precise measurements, the objective of this European Standard is to report on trends in the corrosion and/or paint degradation behaviour of coil coated panels.

Keel: en

Alusdokumendid: EN 13523-21:2024

Asendab dokumenti: EVS-EN 13523-21:2017

EVS-EN 13523-22:2024

Coil coated metals - Test methods - Part 22: Colour difference - Visual comparison

This document specifies the procedure for determining the difference in the colour of an organic coating on a metallic substrate by visual comparison against a standard using either diffuse natural daylight or artificial daylight in a standard booth. NOTE Results can differ between natural and artificial daylight. It might be that two colour specimens will match in daylight but not under another light source. This phenomenon is known as metamerism (see EN 13523 3). If a metameric match is to be reported in objective terms, spectrophotometric measurements (using CIE Standard Illuminants D65 and A) can be made, in accordance with EN 13523 3. No statement is made about either the precision or the accuracy of this procedure since the results derived are neither in numerical form nor do they provide a pass/fail evaluation in objective terms. Therefore, this procedure is only intended to be used where the use of colour measuring instruments is not recommendable (evaluation of colour matches, inspection of metallic colours, etc.). The standardization of such visual comparisons, by light sources, illuminating and viewing geometry and specimen size, provides for improved uniformity of results. This practice is essential for critical colour matching and is highly recommended for colour inspections.

Keel: en

Alusdokumendid: EN 13523-22:2024

Asendab dokumenti: EVS-EN 13523-22:2017

EVS-EN 13523-29:2024

Coil coated metals - Test methods - Part 29: Resistance to environmental soiling (Dirt pick-up and striping)

This part of the EN 13523 series specifies a procedure for the comparative evaluation of resistance to soiling of an organic coating on a metallic substrate (coil coating) in an outdoor exposure environment, particularly the soiling defect known as "Tiger stripes".

Keel: en

Alusdokumendid: EN 13523-29:2024

Asendab dokumenti: EVS-EN 13523-29:2017

EVS-EN 13523-3:2024

Coil coated metals - Test methods - Part 3: Colour difference and metamerism - Instrumental comparison

This document specifies procedures for determining the instrumental colour difference (CIELAB or) of an organic coating on a metallic substrate compared to another one used as a reference (usually called reference) and the metamerism depending on the illuminant. When two colour specimens have identical spectral reflectance curves, they are matching under any illuminant irrespective of its spectral characteristics. This is termed a "spectral match". It is also possible for two colour specimens having different spectral reflectance curves to match visually under a given light source but not to match under another light source with different spectral characteristics; such matches are termed "metameric". One quantitative description of metamerism is the so-called "metamerism index". Information on the metamerism index is of limited value where ΔE (instrumental colour difference for a given illuminant) is $> 0,5$. The metamerism index is not suited for determining the absolute colour difference or colour consistency of a given specimen at change of illuminant. The colour difference under the reference illuminant is to be measured in colour coordinates L^* , a^* and b^* . Excluded from this method are organic coatings producing fluorescence and/or which are multicoloured, pearlescent or metallic. Establishing a reference as well as the magnitude of an acceptable colour difference are not covered by this method. Two methods are given in this document: a) instrumental colour difference measurement using a tristimulus colourimeter; b) instrumental colour difference measurement using a spectrophotometer or equivalent. It is advised that care is taken when measuring e.g. - textured surfaces; - fluorescent coatings; - metameric coatings; - multi-coloured, pearlescent, metallic or special colour effect coatings.

Keel: en

Alusdokumendid: EN 13523-3:2024

Asendab dokumenti: EVS-EN 13523-3:2021

EVS-EN 13523-8:2024

Coil coated metals - Test methods - Part 8: Resistance to salt spray (fog)

This part of The EN 13523 series specifies the procedures for determining the resistance to salt spray (fog) of an organic coating on a metallic substrate (coil coating). For steel, neutral salt spray (fog) is usually used, and for aluminium, acetic acid salt spray (fog).

Keel: en

Alusdokumendid: EN 13523-8:2024

Asendab dokumenti: EVS-EN 13523-8:2017

EVS-EN 4877-001:2024

Aerospace series - Filler metals for welding - Part 001: Technical specification

This document specifies the requirements for the ordering, manufacture, testing, inspection and delivery of all forms of filler metal. It is presupposed to be applied when referred to and in conjunction with the product procurement specification unless otherwise specified on the drawing, order or inspection schedule.

Keel: en

Alusdokumendid: EN 4877-001:2024

Asendab dokumenti: EVS-EN 3879:2023

EVS-EN IEC 61784-5-22:2024

Industrial networks - Profiles - Part 5-22: Installation of fieldbuses - Installation profiles for CPF 22

IEC 61784-5-22:2024 specifies the installation profile for CPF 22 (AUTBUSTM [1]). 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. [1] AUTBUSTM is the trade name of the Kyland Technology Co., Ltd. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance does not require use of the trade name. Use of the trade name requires permission of Kyland Technology Co., Ltd.

Keel: en

Alusdokumendid: IEC 61784-5-22:2024; EN IEC 61784-5-22:2024

EVS-EN IEC 61918:2018/A2:2024

Industrial communication networks - Installation of communication networks in industrial premises

Amendment to EN IEC 61918:2018

Keel: en

Alusdokumendid: IEC 61918:2018/AMD2:2024; EN IEC 61918:2018/A2:2024

Muudab dokumenti: EVS-EN IEC 61918:2018

EVS-EN ISO 15610:2024

Specification and qualification of welding procedures for metallic materials - Qualification based on tested welding consumables (ISO 15610:2024)

See dokument määratleb, kuidas saab keevitusprotseduuri kvalifitseerida, kasutades katsetatud keevitusmaterjalide andmeid. See laiendab standardis ISO 15607 esitatud nõudeid. Lisaks annab see ka kvalifitseerimise ulatuse. See dokument kehtib tabelis 1 toodud keevitusprotsessidele. Selle dokumendi rakendamine on piiratud tehnilise aruande ISO/TR 15608 kohaselt põhimaterjali rühmadega 1.1, 8.1, 21, 22.1 ja 22.2, mille termomõju tsoonis tekivad aktsepteeritavad mikrostruktuurid ja omadused, mis kasutamisel märgatavalt ei halvene. See dokument on piiratud: — pökk- ja nurkõmblustele materjalides paksusega $t \leq 40$ mm (rühmad 1.1 ja 8.1) ja $t \leq 20$ mm (rühmad 21, 22.1 ja 22.2); — nurkõmblustele keevise kõrgusega $a \geq 1$ mm. See dokument ei kohaldu, kui keevisliite jaoks on määratletud mis tahes järgmistest: a) kõvadus; b) lõõgisitkuse näitajad; c) eelkuumus; d) kontrollitud soojusisestus; e) läbimitevaheline temperatuur; f) keevitusjärgne termotöötlus. Selle dokumendi kasutamist võib piirata ka rakendusstandard, spetsifikatsioon või muud dokumendid.

Keel: en

Alusdokumendid: ISO 15610:2024; EN ISO 15610:2024

Asendab dokumenti: EVS-EN ISO 15610:2023

EVS-EN ISO/ASTM 52943-2:2024

Additive manufacturing for aerospace - Process characteristics and performance - Part 2: Directed energy deposition using wire and arc (ISO/ASTM 52943-2:2024)

This document specifies requirements for the additive manufacturing of metallic parts with directed energy deposition (DED) in the aerospace industry. Within the application scope of this document, wire is used as feedstock, and arc processes (gas-shielded metal arc processes (MIG/MAG/GMAW), tungsten inert gas processes (TIG/GTAW), plasma arc processes (PAW)) are used as the main energy source. This document is to be used in conjunction with the engineering documents, if required by the engineering authority. This document does not address health and safety issues.

Keel: en

Alusdokumendid: ISO/ASTM 52943-2:2024; EN ISO/ASTM 52943-2:2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN ISO/TS 23406:2024

Nuclear sector - Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS) (ISO/TS 23406:2024)

This document complements the existing requirements of ISO/IEC 17021-1 for bodies providing audit and certification of quality management systems against ISO 19443. NOTE This document can be used as a criteria document for accreditation, peer assessment or other audit processes.

Keel: en

Alusdokumendid: ISO/TS 23406:2024; CEN ISO/TS 23406:2024

Asendab dokumenti: CEN ISO/TS 23406:2021

CWA 18095:2024

Recyclability of novel and sustainable energy harvesting and storage technologies for IoT and wireless sensor networks

This document compiles the techniques identified for the recovery of novel and high-value materials from end-of-life energy harvesting devices used for IoT and wireless sensor networks. The CWA is applicable to recoverable materials and components considered of interest based on the design and composition of the Energy Harvesting Systems (EHSs) devices defined in this document: Polyvinylidene fluoride (PVDF), silver electrodes, polyimide, fiberglass/resin composite, copper, single walled carbon nanotube (SWCNT), polymeric matrices, aluminium, polyethylene terephthalate (PET) and carbon particles.

Keel: en

Alusdokumendid: CWA 18095:2024

29 ELEKTROTEHNIKA

CLC/TS 50641-2:2024

Fixed Installations for Railway Applications - Requirements for the validation of simulation tools used for the design of electric traction power supply systems - Part 2: specific DC urban case

This document specifies requirements for the test and acceptance of simulation tools used for the design of DC electric traction power supply systems for urban rail guided mass transport systems, such as tramways, elevated and underground railways, mountain railways, trolleybus systems, and magnetically levitated systems which use a contact line system. The validation process will be carried out for the 750 V DC voltage, and other voltages can be validated with the cross-acceptance. This document focuses on the validation of the core simulation functions comprising the equations and functions which calculate: - the mechanical movement of trains and - the load flow of the electrical traction power supply system. NOTE 1 This document provides only the requirements for demonstration of the algorithms and calculations of core functions. The use of a validated simulation tool in accordance with this document does not in itself, demonstrate good practice in electric traction power supply system design, neither does it guarantee that the simulation models and data for infrastructure or trains used in the tool are correct for a given application. The choice and application of any models and data, of individual system components, in a design is therefore subject to additional verification processes and not in the scope of this document. Competent development of design models and full understanding of the limits of design tools remain requirements in any system design. This document does not reduce any element of the need for competent designers to lead the design process. This document also specifies procedures for the modification of simulation tools, in particular the limits of applicability of acceptance when tools are modified. These procedures focus on determining whether the core functions of the simulation model are modified. Because the purpose of this standard deals with the verification of the core functionality, the test case described in this document does not represent an existing network. NOTE 2 Additionally, the application of this document ensures that the output data of different simulation tools are consistent and verifiable when they are using the same set of input data as given in this document. This document excludes complex models with active components such as controlled rectifiers and inverters. This document does not mandate the use of a particular simulation tool in order to validate the design of an electric traction power supply system. This document does not deal with validation of simulation tools by measurement. The document is not applicable to the validation of simulation tools with respect to: - short circuit studies; - electrical safety studies (e.g. rail potential); - harmonic studies; - studies of transient phenomena; and - electromagnetic compatibility studies over a wide frequency spectrum.

Keel: en

Alusdokumendid: CLC/TS 50641-2:2024

CWA 18095:2024

Recyclability of novel and sustainable energy harvesting and storage technologies for IoT and wireless sensor networks

This document compiles the techniques identified for the recovery of novel and high-value materials from end-of-life energy harvesting devices used for IoT and wireless sensor networks. The CWA is applicable to recoverable materials and components considered of interest based on the design and composition of the Energy Harvesting Systems (EHSs) devices defined in this document: Polyvinylidene fluoride (PVDF), silver electrodes, polyimide, fiberglass/resin composite, copper, single walled carbon nanotube (SWCNT), polymeric matrices, aluminium, polyethylene terephthalate (PET) and carbon particles.

Keel: en

Alusdokumendid: CWA 18095:2024

EVS-EN IEC 60034-2-1:2024

Rotating electrical machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)

This part of IEC 60034 is intended to establish methods of determining efficiencies from tests, and also to specify methods of obtaining specific losses. This standard applies to d.c. machines and to a.c. synchronous and induction machines of all sizes within the scope of IEC 60034-1 rated for mains operation. NOTE These methods may be applied to other types of machines such as rotary converters, a.c. commutator motors and single-phase induction motors.

Keel: en

Alusdokumendid: EN IEC 60034-2-1:2024; IEC 60034-2-1:2024

Asendab dokumenti: EVS-EN 60034-2-1:2014

EVS-EN IEC 60034-2-2:2024

Rotating electrical machines - Part 2-2: Specific methods for determining separate losses of large machines from tests - Supplement to IEC 60034-2-1

IEC 60034-2-2:2024 applies to large rotating electrical machines and establishes additional methods of determining separate losses and to define an efficiency supplementing IEC 60034-2-1. These methods apply when full-load testing is not practical and results in a greater uncertainty. The specific methods described are: - Calibrated-machine method. - Retardation method. - Calorimetric method. - Summation of losses for permanent magnet excited synchronous machines. This second edition cancels and replaces the first edition published in 2010. This edition includes the following significant technical changes with respect to the previous edition: - Layout and procedures aligned with IEC 60034-2-1 and IEC 60034-2-3. - Annex A added: an informative procedure for the summation of losses for large permanent-magnet excited synchronous machines.

Keel: en

Alusdokumendid: IEC 60034-2-2:2024; EN IEC 60034-2-2:2024

Asendab dokumenti: EVS-EN 60034-2-2:2010

EVS-EN IEC 60034-2-3:2024

Rotating electrical machines - Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors

IEC 60034-2-3:2024 specifies test methods and an interpolation procedure for determining losses and efficiencies of converter-fed motors. The motor is then part of a variable frequency power drive system (PDS) as defined in IEC 61800-9-2. This document also specifies procedures to determine motor losses at any load point (torque, speed) within the constant flux range (constant torque range, base speed range), the field weakening range and the overload range based on determination of losses at seven standardized load points. This procedure is applicable to any variable speed AC motor (induction and synchronous) rated according to IEC 60034-1 for operation on a variable frequency and variable voltage power supply. This second edition cancels and replaces the first edition of IEC 60034-2-3 published in 2020. This edition includes the following significant technical changes with respect to the previous edition: - Harmonization of requirements and procedures with IEC 60034-2-1. - Extension of the interpolation procedure to the field weakening range.

Keel: en

Alusdokumendid: IEC 60034-2-3:2024; EN IEC 60034-2-3:2024

Asendab dokumenti: EVS-EN IEC 60034-2-3:2020

EVS-EN IEC 60079-26:2024

Plahvatusohtlikud keskkonnad. Osa 26: Eralduselementidega või kombineeritud kaitsetasemega seadmed

Explosive atmospheres - Part 26: Equipment with separation elements or combined Levels of Protection

IEC 60079-26:2021 specifies requirements for construction, testing and marking for Ex Equipment that contains parts of the equipment with different Equipment Protection Levels (EPLs) and a separation element. This equipment is mounted across a boundary where different EPLs are required, for example between different gas hazardous areas, dust hazardous areas or gas hazardous areas adjacent to dust hazardous areas. Separation elements are considered for both electrical and non-electrical equipment. If mechanical energy can be transformed into a potential ignition source, additionally an ignition hazard assessment in accordance with ISO 80079-36 is performed and appropriate measures are undertaken. This document also specifies requirements for the combination of two Types of Protection, each with EPL Gb, to achieve EPL Ga. This document supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this document conflicts with a requirement of IEC 60079-0, the requirement of this document takes precedence. This fourth edition cancels and replaces the third edition and constitutes a technical revision. Please see the IEC 60079-26:2020 foreword for a description of the main changes with respect to the previous edition.

Keel: en

Alusdokumendid: IEC 60079-26:2021; EN IEC 60079-26:2024

Asendab dokumenti: EVS-EN 60079-26:2015

EVS-EN IEC 62477-1:2023/AC:2024

Jõuelektrooniliste muundussüsteemide ja -seadmete ohutusnõuded. Osa 1: Üldnõuded **Safety requirements for power electronic converter systems and equipment - Part 1: General**

Standardi EN IEC 62477-1:2023 parandus

Keel: en

Alusdokumendid: EN IEC 62477-1:2023/AC:2024-04; IEC 62477-1:2022/COR1:2024

Parandab dokumenti: EVS-EN IEC 62477-1:2023

31 ELEKTROONIKA

[EVS-EN IEC 61189-2-720:2024](#)

Test methods for electrical materials, circuit boards and other interconnection structures and assemblies - Part 2-720: Detection of defects in interconnection structures by measurement of capacitance

IEC 61189-2-720:2024 provides a method to evaluate specific characteristics of circuit boards by measuring the capacitance between conductor traces and a ground plane and can be used for qualitative comparison of a test specimen to a reference board. This method is not intended for quantitative measurements and for assessment of conformity to a specification.

Keel: en

Alusdokumendid: IEC 61189-2-720:2024; EN IEC 61189-2-720:2024

33 SIDETEHNIKA

[EVS-EN 61000-3-12:2011/A1:2024](#)

Elektromagnetiline ühilduvus. Osa 3-12: Piirväärtused. Avalikesse madalpingevõrkudesse ühendatud seadmetest genereeritud vooluharmonooniliste piirväärtused sisendvoolu korral üle 16 A, kuid mitte üle 75 A faasi kohta

Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase

Amendment to EN 61000-3-12:2011

Keel: en

Alusdokumendid: IEC 61000-3-12:2011/AMD1:2021; EN 61000-3-12:2011/A1:2024

Muudab dokumenti: EVS-EN 61000-3-12:2011

[EVS-EN IEC 60966-2-2:2024](#)

Radio frequency and coaxial cable assemblies - Part 2-2: Blank detail specification for flexible coaxial cable assemblies

IEC 60966-2-2:2024 is a blank detail specification that relates to flexible coaxial cable assemblies operating in the transverse electromagnetic mode (TEM). The creation of a uniform layout and style of detail specifications is determined by the use of a blank detail specification pro forma. The detail specification may be prepared by a national organization, a manufacturer or a user.

Keel: en

Alusdokumendid: IEC 60966-2-2:2024; EN IEC 60966-2-2:2024

Asendab dokumenti: EVS-EN 60966-2-2:2004

[EVS-EN IEC 60966-4:2024](#)

Radio frequency and coaxial cable assemblies - Part 4: Sectional specification for semi-rigid coaxial cable assemblies

IEC 60966-4:2024 is a sectional specification that relates to semi-rigid coaxial cable assemblies operating in the transverse electromagnetic mode (TEM). It specifies the design and construction, IEC type designation, workmanship, marking and packaging, standard rating and characteristics, electrical, mechanical and environmental requirements of finished semi-rigid cable assemblies, quality assessment, delivery and storage, etc. This part of IEC 60966 applies to semi-rigid cable assemblies composed of semi-rigid coaxial cables and coaxial connectors. Semi-rigid cable assemblies are widely used in mobile communication systems, microwave test equipment, radar, aerospace and other fields. NOTE 1 For the purpose of this sectional specification, a cable assembly is always regarded as an integral unit. All specifications apply to the finished assembly and not to individual and non-assembled parts thereof. NOTE 2 This sectional specification can be supplemented with detail specifications giving additional details as required by the particular application. This application will not necessarily require all tests.

Keel: en

Alusdokumendid: IEC 60966-4:2024; EN IEC 60966-4:2024

Asendab dokumenti: EVS-EN 60966-4:2004

[EVS-EN IEC 60966-4-1:2024](#)

Radio frequency and coaxial cable assemblies - Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies

IEC 60966-4-1:2024 is a blank detail specification that relates to semi-rigid coaxial cable assemblies operating in the transverse electromagnetic mode (TEM). The creation of a uniform layout and style of detail specifications is determined by the use of a blank detail specification pro forma. The detail specification may be prepared by a national organization, a manufacturer, or a user.

Keel: en

Alusdokumendid: IEC 60966-4-1:2024; EN IEC 60966-4-1:2024

Asendab dokumenti: EVS-EN 60966-4-1:2004

[EVS-EN IEC 61000-3-2:2019/A2:2024](#)

Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmoniliste emissiooni lubatavad piirväärtused (seadmetel sisendvooluga kuni 16 A faasi kohta) Amendment 2 - Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

Amendment to EN IEC 61000-3-2:2019

Keel: en

Alusdokumendid: EN IEC 61000-3-2:2019/A2:2024; IEC 61000-3-2:2018/AMD2:2024

Muudab dokumenti: EVS-EN IEC 61000-3-2:2019

Muudab dokumenti: EVS-EN IEC 61000-3-2:2019+A1:2021

[EVS-EN IEC 61753-071-02:2020/A1:2024](#)

Fibre optic interconnecting devices and passive components - Performance standard - Part 071-02: Non-connectorized single-mode fibre optic 1 x 2 and 2 x 2 spatial switches for category C - Controlled environments

Amendment to EN IEC 61753-071-02:2020

Keel: en

Alusdokumendid: IEC 61753-071-02:2020/AMD1:2024; EN IEC 61753-071-02:2020/A1:2024

Muudab dokumenti: EVS-EN IEC 61753-071-02:2020

[EVS-EN IEC 61918:2018/A2:2024](#)

Industrial communication networks - Installation of communication networks in industrial premises

Amendment to EN IEC 61918:2018

Keel: en

Alusdokumendid: IEC 61918:2018/AMD2:2024; EN IEC 61918:2018/A2:2024

Muudab dokumenti: EVS-EN IEC 61918:2018

[EVS-EN IEC 63267-2-1:2024](#)

Fibre optic interconnecting devices and passive components - Connector optical interfaces for enhanced macro bend multimode fibres - Part 2-1: Connection parameters of physically contacting 50 μ m core diameter fibres - non-angled

IEC 63267-2-1:2024 defines a set of specified conditions for an enhanced macro bend of 50/125 μ m, graded index multimode fibre optic connection that is maintained in order to satisfy the requirements of attenuation and return loss performance in a randomly mated pair of polished physically contacting (PC) fibres. An encircled flux (EF) compliant launch condition in accordance with IEC 61300-1, at an operational wavelength of 850 nm, is used for determination of performance grades, based on lateral fibre core offset, numerical aperture (NA) mismatch, and fibre core diameter (CD) variation. Fibre core angular offset is considered insignificant given the state-of-the-art and is excluded as a factor for attenuation estimation. Attenuation and return loss performance grades are defined in IEC 63267-1.

Keel: en

Alusdokumendid: IEC 63267-2-1:2024; EN IEC 63267-2-1:2024

[EVS-EN IEC 63267-2-2:2024](#)

Fibre optic interconnecting devices and passive components - Connector optical interfaces for enhanced macro bend multimode fibres - Part 2-2: Connection parameters of physically contacting 50 μ m core diameter fibres - Non-angled and angled for reference connector applications

IEC 63267-2-2:2024 defines the dimensional limits of an optical interface for reference connections necessary to meet specific requirements for fibre-to-fibre interconnection of non-angled and angled polished multimode reference connectors intended to be used for attenuation measurements in the field or factory. Several grades of reference connections are defined in this document. The multimode reference connections are terminated to restricted IEC 60793-2-10 A1-OM2b to A1-OM5b fibre at the 850 nm band only. The geometrical dimensions and tolerances of the specified reference connections have been developed primarily to limit the variation in measured attenuation between multiple sets of two reference connectors, and therefore to limit the variation in measured attenuation between randomly chosen reference connectors when mated with connectors in the field or factory.

Keel: en

Alusdokumendid: IEC 63267-2-2:2024; EN IEC 63267-2-2:2024

CEN/TS 18026:2024

Three-level approach for a set of cybersecurity requirements for cloud services

This Technical Specification (TS) provides a set of cybersecurity requirements for cloud services. This TS is applicable to organizations providing cloud services and their subservice organizations

Keel: en

Alusdokumendid: CEN/TS 18026:2024

EVS-EN IEC 61918:2018/A2:2024

Industrial communication networks - Installation of communication networks in industrial premises

Amendment to EN IEC 61918:2018

Keel: en

Alusdokumendid: IEC 61918:2018/AMD2:2024; EN IEC 61918:2018/A2:2024

Muudab dokumenti: EVS-EN IEC 61918:2018

EVS-EN ISO 9241-115:2024

Ergonomics of human-system interaction - Part 115: Guidance on conceptual design, user-system interaction design, user interface design, and navigation design (ISO 9241-115:2024)

This document provides guidance on aspects of the design of human-system interaction, including conceptual design, user-system interaction design, user interface design and navigation design for interactive systems. This document applies to all design and development approaches and methodologies, including human-centred design, object-oriented, waterfall, human factors integration (HFI), agile and rapid development. It is intended for the following types of users: — user interface designers, who will apply the guidance during the development process; — developers, who will apply the guidance during the design and implementation of system functionality; — evaluators, who are responsible for ensuring that products meet the recommendations; — designers of user interface development tools and style guides to be used by user interface designers; — project managers, who are responsible for managing development processes.

Keel: en

Alusdokumendid: ISO 9241-115:2024; EN ISO 9241-115:2024

Asendab dokumenti: EVS-EN ISO 14915-2:2011

EVS-ISO/IEC 27032:2024

Küberturve. Juhised interneti turbeks

Cybersecurity — Guidelines for Internet security (ISO/IEC 27032:2023, identical)

See dokument esitab — Interneti turbe, veebiturbe, võrguturbe ja küberturbe vaheliste seoste seletuse; — ülevaate Interneti turbest; — huvipoolte piiritlemise ja kirjelduse nende rollidest Interneti turbes; — üldjoonelised juhised tavaliste Interneti turvaküsimuste käsitlemiseks. See dokument on mõeldud Interneti kasutavatele organisatsioonidele.

Keel: en, et

Alusdokumendid: ISO/IEC 27032:2023

Asendab dokumenti: EVS-ISO/IEC 27032:2018

EVS-EN ISO 11427:2024

Jewellery and precious metals - Determination of silver - Potentiometry using potassium bromide (ISO 11427:2024)

This document specifies a volumetric method for the determination of silver on a material considered homogeneous. The silver content of the sample lies preferably between (100 and 999,0) parts per thousand (‰) by mass. Fineness above 999,0 ‰ can be determined using a spectroscopy method by difference (e.g. ISO 15096). This method is intended to be used as the reference method for the determination of fineness in alloys covered by ISO 9202.

Keel: en

Alusdokumendid: ISO 11427:2024; EN ISO 11427:2024

Asendab dokumenti: EVS-EN ISO 11427:2016

EVS-EN 14067-4:2024**Raudteealased rakendused. Aerodünaamika. Osa 4: Aerodünaamilised nõuded ja hindamismeetodid avalikul raudteel****Railway applications - Aerodynamics - Part 4: Requirements and assessment procedures for aerodynamics on open track**

This document establishes requirements, test procedures, assessment methods and acceptance criteria for operating rolling stock in open track. For pressure variations and slipstream effects beside the track, requirements and assessment methods are provided. For running resistance, assessment methods are addressed in this document. Load cases on infrastructure components due to train-induced pressure variations and slipstream effects are addressed in this document. For ballasted track test set-ups for ballast projection assessment are proposed. The requirements only apply to rolling stock of the heavy rail system with maximum train speeds above 160 km/h and not to other rail systems. The document is applicable to all rolling stock and infrastructure in open air with nominal track gauges of 1 435 mm to 1 668 mm inclusive.

Keel: en

Alusdokumendid: EN 14067-4:2024

Asendab dokumenti: EVS-EN 14067-4:2013+A1:2018

EVS-EN 15328:2020+A1:2024**Raudteealased rakendused. Pidurdamine. Pidurikatted
Railway applications - Braking - Brake pads**

This document specifies requirements for pads for disc brakes of railway rolling stock. The document defines requirements and generic test programs for brake pads on dynamometer. This document does not cover mandatory tests to verify stopping distances in addition to laboratory, bench test and in-service tests. In order to qualify the brake pad performance in accordance with the classification the standard provides fixed parameter figures as categories defined in paragraph classification scheme. This document is not applicable for urban rail applications.

Keel: en

Alusdokumendid: EN 15328:2020+A1:2024

Asendab dokumenti: EVS-EN 15328:2020

EVS-EN 16451:2024**Railway applications - Braking - Brake pad holder**

This document defines requirements for the brake pad holders with which the heavy rail vehicles and urban rail vehicles are fitted. This document is applicable to the brake pad holders made from ferrous materials e.g. cast iron, cast steel or forged steel. This document is not applicable for brake pad holders made of non-ferrous materials.

Keel: en

Alusdokumendid: EN 16451:2024

Asendab dokumenti: EVS-EN 16451:2015

EVS-EN 17149-1:2024**Railway applications - Strength assessment of rail vehicle structures - Part 1: General**

This document supports the other standards in the EN 17149 series, in order to ensure consistency of terminology across the series. It describes the basic terms and definitions as well as general procedures for strength assessments of rail vehicle structures that are manufactured, operated and maintained in accordance with standards valid for rail system applications. This document is applicable to all kinds of rail vehicles. The assessment procedure is restricted to ferrous materials and aluminium. This document does not define design load cases. This document is not applicable for corrosive conditions or elevated temperature operation in the creep range.

Keel: en

Alusdokumendid: EN 17149-1:2024

EVS-EN 17149-2:2024**Railway applications - Strength assessment of rail vehicle structures - Part 2: Static strength assessment**

This document specifies a procedure for static strength assessment of rail vehicle structures. It is part of a series of standards that specifies procedures for strength assessments of structures of rail vehicles that are manufactured, operated and maintained according to standards valid for railway applications. The assessment procedure of the series is restricted to ferrous materials and aluminium. This document series does not define design load cases. This document series is not applicable for corrosive conditions or elevated temperature operation in the creep range. This series of standards is applicable to all kinds of rail vehicles. However, it does not define in which cases or for which kinds of rail vehicles a static strength assessment is to be undertaken.

Keel: en

Alusdokumendid: EN 17149-2:2024

EVS-EN 17929:2024

Hyperloop Transport Services

Hyperloop transport services are designed to support passenger transport and cargo transport. For each of the transport service user/customer requirements and expectations are different. This document defines the hyperloop transport services supported by a hyperloop system and provides means for characterization and description of these services. The characterization considers the technical as well as operational / commercial features of each transport service.

Keel: en

Alusdokumendid: EN 17929:2024

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3774-004:2024

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 004: UNC thread terminals - Product standard

This document specifies the characteristics of three-pole circuit breakers, temperature compensated with a rated current from 1 A to 25 A, used in aircraft on-board circuits at a temperature between -55 °C and 125 °C for ratings ≤ 15 A and -55 °C to 90 °C for ratings > 15 A and at an altitude of 22 000 m max. These circuit breakers are operated by a push-pull type single pushbutton (actuator), with delayed action "trip-free" tripping. They will continue to function up to the short-circuit current.

Keel: en

Alusdokumendid: EN 3774-004:2024

Asendab dokumenti: EVS-EN 3774-004:2014

EVS-EN 4877-001:2024

Aerospace series - Filler metals for welding - Part 001: Technical specification

This document specifies the requirements for the ordering, manufacture, testing, inspection and delivery of all forms of filler metal. It is presupposed to be applied when referred to and in conjunction with the product procurement specification unless otherwise specified on the drawing, order or inspection schedule.

Keel: en

Alusdokumendid: EN 4877-001:2024

Asendab dokumenti: EVS-EN 3879:2023

53 TÖSTE- JA TEISALDUS-SEADMED

EVS-EN 1570-1:2024

Platvormtõstukite ohutusnõuded. Osa 1: Kuni kahte kohtkindlat platvormi teenindavad platvormtõstukid

Safety requirements for lifting tables - Part 1: Lifting tables serving up to two fixed landing

1.1 This document specifies the safety requirements for lifting tables with the following characteristics: - serving no more than 2 fixed landings but able to pass a fixed landing and, - having a vertical travel speed of no more than 0,15 m/s, unless safe by position and, - for raising or lowering goods (with or without operator(s) and/or authorized person(s)), or; - for raising or lowering operator(s) and/or authorized person(s) with or without goods, to positions where they can carry out work from a fixed or movable lifting table that is guided throughout its vertical travel only (see Annex H). 1.2 This document specifies the appropriate technical measures for eliminating and reducing the risks arising from the significant hazards listed in Annex B. 1.3 This document does not apply to the following equipment: - lifting tables with a vertical travel speed exceeding 0,15 m/s, unless safe by position; - lifting tables, serving more than 2 fixed landings of a construction, for lifting goods, with a vertical travel speed not exceeding 0,15 m/s (EN 1570-2:2016); - lifting tables, serving more than 2 fixed landings of a construction, for lifting operators, with a vertical travel speed not exceeding 0,15 m/s; - lifting tables carrying operators and installed in full enclosures with a vertical travel speed not exceeding 0,15 m/s; - lifting tables used on ships; - lifting tables designed for artists and stage set features during artistic performances (EN 17206:2020); - power operated lifting platforms for persons with impaired mobility (EN 81-41:2010); - mobile lifting tables for airport ground support equipment (EN 1915-2:2001+A1:2009 and EN 12312-1:2013); - mobile elevating work platforms (EN 280-1:2022); - static Group B elevating work platforms (EN 280-1:2022); - vehicle servicing lifts (EN 1493:2022); - mobile lifting tables used for firefighting (EN 1777:2010); - mobile lifting tables with a horizontal travelling speed of more than 1,6 m/s; - rail dependent storage and retrieval equipment (EN 528:2021+A1:2022); - scissor lift pallet trucks (EN ISO 3691-5:2015, including EN ISO 3691-5:2015/AC:2016 and EN ISO 3691-5:2015/A1:2020); - lifting tables suspended from a ceiling. 1.4 This document does not consider the additional requirements for: - electromagnetic compatibility; - operation in severe conditions (e.g. extreme climates, freezer applications, strong magnetic fields); - operation subject to special rules (e.g. potentially explosive atmospheres, mines); - handling of loads, the nature of which could lead to dangerous situations (e.g. molten metal, acids, radiating materials, particularly brittle loads, loose loads (gravel, tubes)); - hazards occurring during construction, transportation, and disposal; - equipment installed on the load platform or the replacing or maintaining of it; - integration into broader systems or other machines, etc.; - cable-less controls, i.e. wireless; - lifting tables where the hydraulic pressure is derived directly from gas pressure; - lifting tables powered by internal combustion engines.

Keel: en

Alusdokumendid: EN 1570-1:2024

Asendab dokumenti: EVS-EN 1570-1:2011+A1:2014

EVS-EN ISO 3164:2013/A1:2024

Mullatöomasinad. Kaitsekonstruktsioonide laboratoorne hindamine. Piirmahu spetsifikatsioon läbipaindele

Earth-moving machinery - Laboratory evaluations of protective structures - Specifications for deflection-limiting volume - Amendment 1 (ISO 3164:2013/Amd 1:2024)

Amendment to EN ISO 3164:2013

Keel: en

Alusdokumendid: ISO 3164:2013/Amd 1:2024; EN ISO 3164:2013/A1:2024

Muudab dokumenti: EVS-EN ISO 3164:2013

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 17929:2024

Hyperloop Transport Services

Hyperloop transport services are designed to support passenger transport and cargo transport. For each of the transport service user/customer requirements and expectations are different. This document defines the hyperloop transport services supported by a hyperloop system and provides means for characterization and description of these services. The characterization considers the technical as well as operational / commercial features of each transport service.

Keel: en

Alusdokumendid: EN 17929:2024

EVS-EN ISO 7965-1:2024

Packaging - Drop test - Part 1: Paper sacks (ISO 7965-1:2024)

This document specifies a method of vertical impact testing on a filled paper sack by dropping. It is performed either as a single test to investigate the effects of vertical impact or as part of a sequence of tests designed to measure the ability of a sack to withstand a distribution system that includes a vertical impact hazard. This document specifies the testing procedure and how the results of tests are presented. It is based on ISO 2248 but is specifically related to paper sacks.

Keel: en

Alusdokumendid: ISO 7965-1:2024; EN ISO 7965-1:2024

Asendab dokumenti: EVS-EN 27965-1:2003

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 20433:2024

Leather - Tests for colour fastness - Colour fastness to crocking (ISO 20433:2024)

This document specifies a method to determine the amount of colour transferred from the surface of coloured leather to other surfaces by rubbing. Two tests are carried out, one with a dry rubbing cloth and one with a wet rubbing cloth. The method is applicable to all types of coloured leather. Since after-treatments of the leather as well as surface finishes can affect the degree of colour transfer, the test can be made before and/or after such treatments.

Keel: en

Alusdokumendid: ISO 20433:2024; EN ISO 20433:2024

Asendab dokumenti: EVS-EN ISO 20433:2012

65 PÖLLUMAJANDUS

EVS-EN 12579:2024

Soil improvers and growing media - Sampling

This document specifies methods for sampling of soil improvers and growing media for subsequent determination of quality and quantity. It outlines the principles to be taken into consideration when taking the sample and ensuring an adequate quantity is available for testing. This document applies to material in solid form (including pre-shaped growing media) and liquid form. This document is intended to be used by manufacturers, buyers and enforcement agencies in verifying claims made for these materials. It is not intended that it should necessarily be used for the purpose of manufacturing control. The requirements of this document can differ from the national legal requirements for the declaration of the material concerned.

Keel: en

Alusdokumendid: EN 12579:2024

Asendab dokumenti: EVS-EN 12579:2013

EVS-EN 1482-4:2024

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 4: Sampling for microbial presence

This document specifies the method for taking a sample of solid and liquid forms of organic fertilizers, organo-mineral fertilizers and inorganic fertilizers containing more than 1 % by mass of organic carbon, when in packages, containers or in bulk, to test for levels of controlled pathogens present.

Keel: en
Alusdokumendid: EN 1482-4:2024

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 20122:2024

Vegetable oils - Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with online-coupled high performance liquid chromatography-gas chromatography-flame ionization detection (HPLC-GC-FID) analysis - Method for low limit of quantification (ISO 20122:2024)

This document specifies a procedure for the determination of saturated and aromatic hydrocarbons (from C10 to C50) in vegetable fats and oils using the online-coupled high performance liquid chromatography-gas chromatography-flame ionization detection (HPLC-GC-FID).[4][5][6] This document does not apply to other matrices. The method is applicable for the analysis of mineral oil saturated hydrocarbons (MOSH) and/or mineral oil aromatic hydrocarbons (MOAH). According to the results of the interlaboratory studies, the method has been proven suitable for MOSH mass concentrations above 3 mg/kg and MOAH mass concentrations above 2 mg/kg. In case of suspected interferences, the fossil origin of the MOSH and MOAH fraction can be verified by examination by GC×GC-MS. An alternative method for the epoxidation of the MOAH fraction (performic acid epoxidation) is proposed in Annex C. This alternative method provides comparable results to the ethanolic epoxidation of the MOAH fraction described in 8.6. This alternative method for epoxidation has proven to be efficient for samples with a high amount of interferences in the MOAH fraction (e.g. tropical oils).[14]

Keel: en
Alusdokumendid: ISO 20122:2024; EN ISO 20122:2024

71 KEEMILINE TEHNOLOOGIA

EVS-EN ISO 5771:2024

Rubber hoses and hose assemblies for transferring anhydrous ammonia - Specification (ISO 5771:2024)

This document specifies the minimum requirements for rubber hoses used for transferring ammonia, in liquid or in gaseous form, at ambient temperatures from -40 °C up to and including +55 °C at a working pressure of 2,5 MPa (25 bar). It does not include specifications for end fittings and is limited to the performance of the hoses and hose assemblies.

Keel: en
Alusdokumendid: ISO 5771:2024; EN ISO 5771:2024
Asendab dokumenti: EVS-EN ISO 5771:2008

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12595:2023/AC:2024

Bituumen ja bituumensideained. Kinemaatilise viskoossuse määramine Bitumen and bituminous binders - Determination of kinematic viscosity

Standardi EVS-EN 12595:2023 parandus.

Keel: et
Parandab dokumenti: EVS-EN 12595:2023

EVS-EN ISO 2611-1:2024

Analysis of natural gas - Halogen content of biomethane - Part 1: HCl and HF content by ion chromatography (ISO 2611-1:2024)

This document specifies a method for the determination of the concentration of hydrochloric acid (HCl) and hydrofluoric acid (HF) in biomethane, after absorption on an alkali-impregnated quartz fibre filter or in a sorbent trap, by ion chromatography (IC) with conductimetric detection. The method is applicable to biomethane for concentration levels for HCl from 0,07 mg/m³ to 35 mg/m³ and for HF from 0,07 mg/m³ to 20 mg/m³. Unless stated otherwise, all concentrations in this document are given under standard reference conditions (see ISO 13443). Other conditions can be applied. This method is also applicable to biogas. This method is intended to support conformity assessment of biomethane and biogas according to specifications, such as the EN 16723 series.

Keel: en
Alusdokumendid: ISO 2611-1:2024; EN ISO 2611-1:2024

77 METALLURGIA

EVS-EN 10051:2024

Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape

This document specifies tolerances on dimensions and shape for continuously hot-rolled uncoated plate/sheet and strip with a maximum width of 2 200 mm and a maximum thickness of 25 mm of non-alloy and alloy steels in accordance with Table 1 (see also Annex B). This document also applies to hot-rolled strip for cold rolling. Table 1 - Field of application [...table not

represented...] NOTE 1 This document does not apply to: - hot-rolled strip rolled in widths $w < 600$ mm (see EN 10048); - hot-rolled patterned steel strip and plate/sheet cut from wide strip (EN 10363); - uncoated or electrolytically coated cold rolled sheet and strip (see EN 10131); - hot-dip coated steel sheet and strip (EN 10143); - stainless steels. NOTE 2 This document can also be used for steels from other standards, e. g. steels for shipbuilding.

Keel: en

Alusdokumendid: EN 10051:2024

Asendab dokumenti: EVS-EN 10051:2010

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 17871:2024

Glass in building - Spectrophotometric characteristics of glass products - Validation procedure for calculation tool.

This standard provides a procedure to validate a calculation tool of spectrophotometric and thermal characteristics of the glass products following EN 410 or EN 673. It provides also the methodology to correctly use measured data in the calculation tool. The following characteristics are included in the scope of this standard: - light transmittance (tv) - light reflectance - both sides (rv, r'v) - solar direct transmittance (te) - solar direct reflectance – both sides (re, r'e) - total solar energy transmittance (solar factor or g value) (g) - thermal transmittance (U value) in the vertical position The following characteristics are excluded from the scope of this standard: - UV transmittance (tuv) - shading coefficient (SC) - general colour rendering index (Ra) - thermal transmittance (U value) at angles other than vertical

Keel: en

Alusdokumendid: EN 17871:2024

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15348:2024

Plastics - Recycled plastics - Characterization of poly(ethylene terephthalate) (PET) recyclates

This document specifies the main characteristics and associated test methods for assessing of poly(ethylene terephthalate) (PET) recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of PET recyclates to agree on specifications for specific and generic applications. This document does not cover the characterization of plastics wastes, which is covered by the EN 15347 series, neither traceability topics which are covered by EN 15343. This document is applicable without prejudice to any existing legislation.

Keel: en

Alusdokumendid: EN 15348:2024

Asendab dokumenti: EVS-EN 15348:2014

EVS-EN 549:2019+A2:2024

Kummimaterjalid gaasiseadmete tihenditele ja membraanidele Rubber materials for seals and diaphragms for gas appliances and gas equipment

This document specifies requirements and associated test methods for rubber materials used in gas installations, gas equipment and gas appliances in contact with 1st, 2nd and 3rd family combustible gases as classified in EN 437:2018, additionally LPG, bio methane and bio LPG, in the same quality, are covered. It also establishes a classification based on temperature range and hardness. This document is applicable to materials from which homogeneous seals and homogeneous or reinforced diaphragms are manufactured. Since the dimensions and shape of the components differ from those of standard test pieces taken from sheet material as used for type testing of the rubber materials according to this document, tolerances have been made in the requirements specified by Annex A for the components with respect to those specified for standard test pieces. The range of operating temperatures covered by this document is -40 °C to $+150$ °C. For applications with potential condensation, this document is not applicable for silicon rubber, e.g. above 200 hPa (200 mbar) nominal pressure or at temperatures below 0 °C with 3rd family gases.

Keel: en

Alusdokumendid: EN 549:2019+A2:2024

Asendab dokumenti: EVS-EN 549:2019+A1:2023

EVS-EN ISO 5771:2024

Rubber hoses and hose assemblies for transferring anhydrous ammonia - Specification (ISO 5771:2024)

This document specifies the minimum requirements for rubber hoses used for transferring ammonia, in liquid or in gaseous form, at ambient temperatures from -40 °C up to and including $+55$ °C at a working pressure of 2,5 MPa (25 bar). It does not include specifications for end fittings and is limited to the performance of the hoses and hose assemblies.

Keel: en

Alusdokumendid: ISO 5771:2024; EN ISO 5771:2024

Asendab dokumenti: EVS-EN ISO 5771:2008

91 EHITUSMATERJALID JA EHITUS

EVS 875-4:2024

Vara hindamine. Osa 4: Hindaja kutse-eesitika ja hindamistulemuste esitamine **Property valuation - Part 4: Professional ethics of an appraiser and valuation reporting**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisari „Vara hindamine“ osa, milles määratakse hindamise häid tavasid ja hindamistulemustele esitatavaid nõudeid. Selles Eesti standardis kirjeldatakse varade hindaja kutsemääratlust, hindaja kutse-eesitikat ja hindamistoimingu korraldamise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. Tegemist on standardi EVS 875-4:2015 „Hindamise head tavad ja hindamistulemuste esitamine“ uuendusega.

Keel: et

Asendab dokumenti: EVS 875-4:2015

EVS-EN 12595:2023/AC:2024

Bituumen ja bituumensideained. Kinemaatilise viskoossuse määramine **Bitumen and bituminous binders - Determination of kinematic viscosity**

Standardi EVS-EN 12595:2023 parandus.

Keel: et

Parandab dokumenti: EVS-EN 12595:2023

93 RAJATISED

EVS 875-4:2024

Vara hindamine. Osa 4: Hindaja kutse-eesitika ja hindamistulemuste esitamine **Property valuation - Part 4: Professional ethics of an appraiser and valuation reporting**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisari „Vara hindamine“ osa, milles määratakse hindamise häid tavasid ja hindamistulemustele esitatavaid nõudeid. Selles Eesti standardis kirjeldatakse varade hindaja kutsemääratlust, hindaja kutse-eesitikat ja hindamistoimingu korraldamise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. Tegemist on standardi EVS 875-4:2015 „Hindamise head tavad ja hindamistulemuste esitamine“ uuendusega.

Keel: et

Asendab dokumenti: EVS 875-4:2015

EVS-EN 12368:2024

Traffic control equipment - Signal heads

This document applies to signal heads with one or more signal lights of the colours red, yellow and/or green signal lights for road traffic with 200 mm and 300 mm roundels and to optical units to be integrated in signal heads to produce the individual signal lights. It defines the product characteristics for the visual, structural, environmental performances and testing of signal heads and optical units for pedestrian and road traffic use, and the rules for the evaluation of the conformity of these products. This document can be partly or fully applied on a voluntary basis to other signal heads outside of the scope specified above like for instance white optical units or small signal heads with a diameter smaller than 200 mm.

Keel: en

Alusdokumendid: EN 12368:2024

Asendab dokumenti: EVS-EN 12368:2015

EVS-EN 17383:2024

Road traffic noise reducing devices - Sustainability: Key Performance Indicators (KPIs) Declaration

This document provides Product Category Rules (PCR) for the declaration of the Sustainability of RTNRDs according to EN 15804:2012+A2:2019.

Keel: en

Alusdokumendid: EN 17383:2024

EVS-EN 14988:2017+A2:2024

**Kõrged lastetoolid. Nõuded ja katsemeetodid
Children's high chairs - Requirements and test methods**

This European Standard specifies safety requirements for free standing children's high chairs that elevate children to dining table height usually for the purposes of feeding or eating. Children's high chairs are for children up to 3 years of age who are capable of sitting unaided. With the exception of special high chairs for medical purposes, this standard applies to children's high chairs for domestic and non-domestic use. NOTE If a children's high chair has to or can be converted into other functions, additional European Standards may apply.

Keel: en

Alusdokumendid: EN 14988:2017+A2:2024

Asendab dokumenti: EVS-EN 14988:2017+A1:2020

EVS-EN 30-1-2:2023+A1:2024

**Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 1-2: Ohutus. Sundkonvektsiooniga ahjudega seadmed
Domestic cooking appliances burning gas - Part 1-2: Safety - Appliances having forced-convection ovens**

This European Standard specifies the special constructional and operational characteristics, as well as the requirements and methods of test for safety and marking, for domestic cooking appliances having forced-convection ovens and /or grills using combustible gases, as defined in EN 30-1-1:2008+A2:2010. Unless specifically excluded, this European Standard applies to appliances or their component parts, whether the component parts are independent or incorporated as part of the appliance, even if the other heating components use electrical energy (for example combined gas-electric cookers). This European Standard includes requirements covering the electrical safety of equipment incorporated in the appliance that are associated with the use of gas. It does not include requirements covering the electric safety of electrically-heated components or their associated equipment¹). This European Standard does not apply to: - outdoor appliances; - appliances connected to a combustion products evacuation duct; - appliances having a pyrolytic gas oven; - appliances having covered burners which do not comply with the constructional requirements of EN 30-1-1:2008+A2:2010, 5.2.8.2.2; - appliances incorporating flame supervision devices and having an automatic ignition device for which the duration of the ignition attempt is limited by design; - appliances equipped with a burner that is periodically ignited and extinguished under the control of an automatic on/off device; - appliances equipped with a burner having a fan for the supply of combustion air or for the evacuation of the products of combustion; - appliances supplied at pressures greater than those defined in EN 30-1-1:2008+A2:2010, 7.1.2; - appliances equipped with an oven and/or with a grill having a fan either for the supply of combustion air or for the evacuation of the products of combustion; - appliances equipped with a compartment in which a burner and an electric heating element can function simultaneously; - appliances having one or more burners that are capable of remote operation (type 1 or type 2), unless the burner(s) concerned are thermostatically controlled oven burners of time-controlled ovens that are designed for a delayed start without the user being present. This European Standard does not cover the requirements relating to third family gas cylinders, their regulators and their connection. This European Standard only covers type testing

Keel: en

Alusdokumendid: EN 30-1-2:2023+A1:2024

Asendab dokumenti: EVS-EN 30-1-2:2023

EVS-EN ISO 22042:2021/A1:2024

**Tööstuslikuks/kaubanduslikuks kasutamiseks mõeldud kiirjahutuskapid ja külmkambrid.
Klassifikatsioon, nõuded ja katsetingimused
Blast chiller and freezer cabinets for professional use - Classification, requirements and test conditions - Amendment 1 (ISO 22042:2021/Amd 1:2024)**

Amendment to EN ISO 22042:2021

Keel: en

Alusdokumendid: ISO 22042:2021/Amd 1:2024; EN ISO 22042:2021/A1:2024

Muudab dokumenti: EVS-EN ISO 22042:2021

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 111000:2005

Generic Specification: Cathode ray tubes

Keel: en

Alusdokumendid: EN 111000:1991

Standardi staatus: Kehtetu

EVS-EN 111001:2005

Blank Detail Specification: Cathode ray tubes

Keel: en

Alusdokumendid: EN 111001:1991

Standardi staatus: Kehtetu

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

CEN ISO/TS 23406:2021

Nuclear sector - Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS) (ISO/TS 23406:2020)

Keel: en

Alusdokumendid: CEN ISO/TS 23406:2021; ISO/TS 23406:2020

Asendatud järgmise dokumendiga: CEN ISO/TS 23406:2024

Standardi staatus: Kehtetu

EVS 875-4:2015

Vara hindamine. Osa 4: Hindamise head tavad ja hindamistulemuste esitamine Property valuation - Part 4: Code of Conduct and Valuation Reporting

Keel: et

Asendatud järgmise dokumendiga: EVS 875-4:2024

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 13408-1:2015

Tervishoiutoodete aseptiline töötlemine. Osa 1: Üldnõuded Aseptic processing of health care products - Part 1: General requirements (ISO 13408-1:2008, including Amd 1:2013)

Keel: en

Alusdokumendid: ISO 13408-1:2008; ISO 13408-1:2008/Amd 1:2013; EN ISO 13408-1:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 13408-1:2024

Standardi staatus: Kehtetu

EVS-EN ISO 23500-3:2019

Preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (ISO 23500-3:2019)

Keel: en

Alusdokumendid: ISO 23500-3:2019; EN ISO 23500-3:2019

Asendatud järgmise dokumendiga: EVS-EN ISO 23500-3:2024

Standardi staatus: Kehtetu

EVS-EN ISO 23500-4:2019

Preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (ISO 23500-4:2019)

Keel: en

Alusdokumendid: ISO 23500-4:2019; EN ISO 23500-4:2019

Asendatud järgmise dokumendiga: EVS-EN ISO 23500-4:2024

Standardi staatus: Kehtetu

EVS-EN ISO 23500-5:2019

Preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO 23500-5:2019)

Keel: en

Alusdokumendid: ISO 23500-5:2019; EN ISO 23500-5:2019

Asendatud järgmise dokumendiga: EVS-EN ISO 23500-5:2024

Standardi staatus: Kehtetu

EVS-EN ISO 5832-1:2019

Implants for surgery - Metallic materials - Part 1: Wrought stainless steel (ISO 5832-1:2016)

Keel: en

Alusdokumendid: ISO 5832-1:2016; EN ISO 5832-1:2019

Asendatud järgmise dokumendiga: EVS-EN ISO 5832-1:2024

Standardi staatus: Kehtetu

EVS-EN ISO 5832-7:2019

Implants for surgery - Metallic materials - Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2016)

Keel: en

Alusdokumendid: ISO 5832-7:2016; EN ISO 5832-7:2019

Asendatud järgmise dokumendiga: EVS-EN ISO 5832-7:2024

Standardi staatus: Kehtetu

EVS-EN ISO 8637-2:2018

Südame-veresoonkonna implantaadid ja kehavälised süsteemid. Osa 2: Kehaväline vereringe hemodialüsaatoritele, verelahutusfiltritele ja verefiltritele

Extracorporeal systems for blood purification - Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (ISO 8637-2:2018)

Keel: en

Alusdokumendid: EN ISO 8637-2:2018; ISO 8637-2:2018

Asendatud järgmise dokumendiga: EVS-EN ISO 8637-2:2024

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TR 7250-2:2011

Basic human body measurements for technological design - Part 2: Statistical summaries of body measurements from individual ISO populations (ISO/TR 7250-2:2010)

Keel: en

Alusdokumendid: ISO/TR 7250-2:2010; CEN ISO/TR 7250-2:2011

Asendatud järgmise dokumendiga: CEN ISO/TR 7250-2:2024

Muudetud järgmise dokumendiga: CEN ISO/TR 7250-2:2011/A1:2013

Standardi staatus: Kehtetu

CEN ISO/TR 7250-2:2011/A1:2013

Basic human body measurements for technological design - Part 2: Statistical summaries of body measurements from national populations (ISO/TR 7250-2:2010/Amd 1:2013)

Keel: en

Alusdokumendid: ISO/TR 7250-2:2010/Amd 1:2013; CEN ISO/TR 7250-2:2011/A1:2013

Asendatud järgmise dokumendiga: CEN ISO/TR 7250-2:2024

Standardi staatus: Kehtetu

EVS-EN 15348:2014

Plastics - Recycled plastics - Characterization of poly(ethylene terephthalate) (PET) recycles

Keel: en

Alusdokumendid: EN 15348:2014

Asendatud järgmise dokumendiga: EVS-EN 15348:2024

Standardi staatus: Kehtetu

EVS-EN ISO 14915-2:2011

Software ergonomics for multimedia user interfaces - Part 2: Multimedia navigation and control (ISO 14915-2:2003)

Keel: en

Alusdokumendid: ISO 14915-2:2003; EN ISO 14915-2:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-115:2024
Standardi staatus: Kehtetu

EVS-EN ISO 5667-3:2018

Vee kvaliteet. Proovivõtt. Osa 3: Veeproovide konserveerimine ja käitlemine Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO 5667-3:2018)

Keel: en, et
Alusdokumendid: ISO 5667-3:2018; EN ISO 5667-3:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 5667-3:2024
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 13523-1:2017

Coil coated metals - Test methods - Part 1: Film thickness

Keel: en
Alusdokumendid: EN 13523-1:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-1:2024
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14986:2017

Potentsiaalselt plahvatusohtlikus keskkonnas töötavate ventilaatorite projekteerimine Design of fans working in potentially explosive atmospheres

Keel: en
Alusdokumendid: EN 14986:2017
Asendatud järgmise dokumendiga: EVS-EN 14986:2024
Standardi staatus: Kehtetu

EVS-EN 1964-3:2000

Transportable gas cylinders - Specification for the design and construction of refillable transportable seamless steel gas cylinders of water capacities from 0,5 litre up to and including 150 litres - Part 3: Cylinders made of seamless stainless steel with an Rm value of less than 1100 MPa

Keel: en
Alusdokumendid: EN 1964-3:2000
Standardi staatus: Kehtetu

EVS-EN 549:2019+A1:2023

Kummimaterjalid gaasiseadmete tihenditele ja membraanidele Rubber materials for seals and diaphragms for gas appliances and gas equipment

Keel: en
Alusdokumendid: EN 549:2019+A1:2023
Asendatud järgmise dokumendiga: EVS-EN 549:2019+A2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10297:2014

Gas cylinders - Cylinder valves - Specification and type testing (ISO 10297:2014)

Keel: en
Alusdokumendid: ISO 10297:2014; EN ISO 10297:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 10297:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 10297:2014/A1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 10297:2014/A1:2017

Gas cylinders - Cylinder valves - Specification and type testing - Amendment 1: Pressure drums and tubes (ISO 10297:2014/Amd 1:2017)

Keel: en
Alusdokumendid: ISO 10297:2014/Amd 1:2017; EN ISO 10297:2014/A1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 10297:2024
Standardi staatus: Kehtetu

EVS-EN 13523-1:2017

Coil coated metals - Test methods - Part 1: Film thickness

Keel: en
Alusdokumendid: EN 13523-1:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-1:2024
Standardi staatus: Kehtetu

EVS-EN 13523-10:2017

Coil coated metals - Test methods - Part 10: Resistance to fluorescent UV radiation and water condensation

Keel: en
Alusdokumendid: EN 13523-10:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-10:2024
Standardi staatus: Kehtetu

EVS-EN 13523-12:2017

Coil coated metals - Test methods - Part 12: Resistance to scratching

Keel: en
Alusdokumendid: EN 13523-12:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-12:2024
Standardi staatus: Kehtetu

EVS-EN 13523-21:2017

Coil coated metals - Test methods - Part 21: Evaluation of outdoor exposed panels

Keel: en
Alusdokumendid: EN 13523-21:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-21:2024
Standardi staatus: Kehtetu

EVS-EN 13523-22:2017

Coil coated metals - Test methods - Part 22: Colour difference - Visual comparison

Keel: en
Alusdokumendid: EN 13523-22:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-22:2024
Standardi staatus: Kehtetu

EVS-EN 13523-29:2017

Coil coated metals - Test methods - Part 29: Resistance to environmental soiling (Dirt pick-up and striping)

Keel: en
Alusdokumendid: EN 13523-29:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-29:2024
Standardi staatus: Kehtetu

EVS-EN 13523-3:2021

Coil coated metals - Test methods - Part 3: Colour difference and metamerism - Instrumental comparison

Keel: en
Alusdokumendid: EN 13523-3:2021
Asendatud järgmise dokumendiga: EVS-EN 13523-3:2024
Standardi staatus: Kehtetu

EVS-EN 13523-8:2017

Coil coated metals - Test methods - Part 8: Resistance to salt spray (fog)

Keel: en
Alusdokumendid: EN 13523-8:2017
Asendatud järgmise dokumendiga: EVS-EN 13523-8:2024
Standardi staatus: Kehtetu

EVS-EN 3879:2023

Aerospace series - Metallic materials - Filler metal for welding - Technical specification

Keel: en

Alusdokumendid: EN 3879:2023

Asendatud järgmise dokumendiga: EVS-EN 4877-001:2024

Standardi staatus: Kehtetu

EVS-EN ISO 15610:2023

Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Katsetatud keevitusmaterjalidel põhinev kvalifitseerimine Specification and qualification of welding procedures for metallic materials - Qualification based on tested welding consumables (ISO 15610:2023)

Keel: en, et

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

Asendatud järgmise dokumendiga: EVS-EN ISO 15610:2024

Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN ISO/TS 23406:2021

Nuclear sector - Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS) (ISO/TS 23406:2020)

Keel: en

Alusdokumendid: CEN ISO/TS 23406:2021; ISO/TS 23406:2020

Asendatud järgmise dokumendiga: CEN ISO/TS 23406:2024

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60034-2-1:2014

Pöörlevad elektrimasinad. Osa 2-1: Standardmeetodid pöörlevate elektrimasinate kadude ja kasuteguri määramiseks katselisel teel (väljaarvatult sõidukite masinad) Rotating electrical machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)

Keel: en

Alusdokumendid: IEC 60034-2-1:2014; EN 60034-2-1:2014

Asendatud järgmise dokumendiga: EVS-EN IEC 60034-2-1:2024

Standardi staatus: Kehtetu

EVS-EN 60034-2-2:2010

Rotating electrical machines - Part 2-2: Specific methods for determining separate losses of large machines from tests - Supplement to IEC 60034-2-1

Keel: en

Alusdokumendid: IEC 60034-2-2:2010; EN 60034-2-2:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 60034-2-2:2024

Standardi staatus: Kehtetu

EVS-EN 60079-26:2015

Plahvatusohtlikud keskkonnad. Osa 26: Seadmed seadmekaitsetasemega Ga Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

Keel: en

Alusdokumendid: IEC 60079-26:2014; EN 60079-26:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 60079-26:2024

Standardi staatus: Kehtetu

EVS-EN IEC 60034-2-3:2020

Rotating electrical machines - Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors

Keel: en

Alusdokumendid: IEC 60034-2-3:2020; EN IEC 60034-2-3:2020

Asendatud järgmise dokumendiga: EVS-EN IEC 60034-2-3:2024

Standardi staatus: Kehtetu

EVS-EN 111100:2005

Sectional Specification: Display storage tubes

Keel: en
Alusdokumendid: EN 111100:1991
Standardi staatus: Kehtetu

EVS-EN 111101:2005

Blank Detail Specification: Display storage tubes

Keel: en
Alusdokumendid: EN 111101:1991
Standardi staatus: Kehtetu

EVS-EN 112000:2005

Generic Specification: Image converter and image intensifier tubes

Keel: en
Alusdokumendid: EN 112000:1992
Standardi staatus: Kehtetu

EVS-EN 112001:2005

Blank Detail Specification: Image converter and image intensifier tubes

Keel: en
Alusdokumendid: EN 112001:1991
Standardi staatus: Kehtetu

EVS-EN 113000:2005

Generic Specification: Camera tubes

Keel: en
Alusdokumendid: EN 113000:1991
Standardi staatus: Kehtetu

EVS-EN 113001:2005

Blank Detail Specification: Camera tubes

Keel: en
Alusdokumendid: EN 113001:1991
Standardi staatus: Kehtetu

EVS-EN 114000:2005

Generic Specification: Photomultiplier tubes

Keel: en
Alusdokumendid: EN 114000:1991
Standardi staatus: Kehtetu

EVS-EN 114001:2005

Blank Detail Specification: Photomultiplier tubes

Keel: en
Alusdokumendid: EN 114001:1991
Standardi staatus: Kehtetu

EVS-EN 120001:2005

Blank Detail Specification: Light emitting diodes, light emitting diode arrays, light emitting diode displays without internal logic and resistor

Keel: en
Alusdokumendid: EN 120001:1992
Standardi staatus: Kehtetu

EVS-EN 120002:2016

Blank Detail Specification: Infrared emitting diodes, infrared emitting diode arrays

Keel: en
Alusdokumendid: EN 120002:1992
Standardi staatus: Kehtetu

EVS-EN 120003:2005

Blank Detail Specification: Phototransistors, photodarlington transistors, phototransistor arrays

Keel: en
Alusdokumendid: EN 120003:1992
Standardi staatus: Kehtetu

EVS-EN 120004:2005

Blank Detail Specification: Ambient rated photocouplers with phototransistor output

Keel: en
Alusdokumendid: EN 120004:1992
Standardi staatus: Kehtetu

EVS-EN 120005:2005

Blank Detail Specification: Photodiodes, photodiode arrays (not intended for fibre optic applications)

Keel: en
Alusdokumendid: EN 120005:1992
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60966-2-2:2004

Radio frequency and coaxial cable assemblies - Part 2-2: Blank detail specification for flexible coaxial cable assemblies

Keel: en
Alusdokumendid: IEC 60966-2-2:2003; EN 60966-2-2:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60966-2-2:2024
Standardi staatus: Kehtetu

EVS-EN 60966-4:2004

Radio frequency and coaxial cable assemblies - Part 4: Sectional specification for semi-rigid coaxial cable assemblies

Keel: en
Alusdokumendid: IEC 60966-4:2003; EN 60966-4:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60966-4:2024
Standardi staatus: Kehtetu

EVS-EN 60966-4-1:2004

Radio frequency and coaxial cable assemblies - Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies

Keel: en
Alusdokumendid: IEC 60966-4-1:2003; EN 60966-4-1:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60966-4-1:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN ISO 14915-2:2011

Software ergonomics for multimedia user interfaces - Part 2: Multimedia navigation and control (ISO 14915-2:2003)

Keel: en
Alusdokumendid: ISO 14915-2:2003; EN ISO 14915-2:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-115:2024
Standardi staatus: Kehtetu

EVS-ISO/IEC 27032:2018

Infotehnoloogia. Turbemeetodid. Küberturbe juhised Information technology - Security techniques - Guidelines for cybersecurity (ISO/IEC 27032:2012, identical)

Keel: en, et
Alusdokumendid: ISO/IEC 27032:2012
Asendatud järgmise dokumendiga: EVS-ISO/IEC 27032:2024

Standardi staatus: Kehtetu

39 TÄPPISMEHAANIKA. JUVEELITOOTED

EVS-EN ISO 11427:2016

Jewellery - Determination of silver in silver jewellery alloys - Volumetric (potentiometric) method using potassium bromide (ISO 11427:2014)

Keel: en

Alusdokumendid: ISO 11427:2014; EN ISO 11427:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 11427:2024

Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 14067-4:2013+A1:2018

Raudteealased rakendused. Aerodünaamika. Osa 4: Aerodünaamilised nõuded ja katsemeetodid avalikul raudteel

Railway applications - Aerodynamics - Part 4: Requirements and test procedures for aerodynamics on open track

Keel: en

Alusdokumendid: EN 14067-4:2013+A1:2018

Asendatud järgmise dokumendiga: EVS-EN 14067-4:2024

Standardi staatus: Kehtetu

EVS-EN 15328:2020

Raudteealased rakendused. Pidurdamine. Pidurikatted

Railway applications - Braking - Brake pads

Keel: en

Alusdokumendid: EN 15328:2020

Asendatud järgmise dokumendiga: EVS-EN 15328:2020+A1:2024

Standardi staatus: Kehtetu

EVS-EN 16451:2015

Raudteealased rakendused. Pidurdamine. Piduriklotsi hoidja

Railway applications - Braking - Brake pad holder

Keel: en

Alusdokumendid: EN 16451:2015

Asendatud järgmise dokumendiga: EVS-EN 16451:2024

Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2348:2000

Lennunduse ja kosmonautika seeria. Juhtimistrossi koostud. Tehnilised andmed

Aerospace series - Control cable assemblies - Technical specification

Keel: en

Alusdokumendid: EN 2348:1988

Standardi staatus: Kehtetu

EVS-EN 2353:2000

Lennunduse ja kosmonautika seeria. Pöördtrummlid. Korrosioonikindlast terasest juhtimistross. Mõõtmed ja koormused

Aerospace series - Turnbarrels - Control cable in corrosion resisting steel - Dimensions and loads

Keel: en

Alusdokumendid: EN 2353:1988

Standardi staatus: Kehtetu

EVS-EN 2354:2000

Lennunduse ja kosmonautika seeria. Silmusotsakud. Keermestatud. Korrosioonikindlast terasest juhtimistross. Mõõtmed ja koormused
Aerospace series - Eye-ends - Threaded - Control cable in corrosion resisting steel - Dimensions and loads

Keel: en
Alusdokumendid: EN 2354:1988
Standardi staatus: Kehtetu

EVS-EN 2355:2000

Lennunduse ja kosmonautika seeria. Kahvelotsakud. Keermestatud. Korrosioonikindlast terasest juhtimistross. Mõõtmed ja koormused
Aerospace series - Fork-ends - Threaded - Control cable in corrosion resisting steel - Dimensions and loads

Keel: en
Alusdokumendid: EN 2355:1988
Standardi staatus: Kehtetu

EVS-EN 2356:2000

Lennunduse ja kosmonautika seeria. Keermestatud kahvelotsakud. Korrosioonikindlast terasest juhtimistross veerelaagritele. Mõõtmed ja koormused
Aerospace series - Fork-ends threaded - Control cable for rolling bearings in corrosion resisting steel - Dimensions and load

Keel: en
Alusdokumendid: EN 2356:1988
Standardi staatus: Kehtetu

EVS-EN 2357:2000

Lennunduse ja kosmonautika seeria. Külgepressitavat tüüpi korrosioonikindlast terasest keermesotsakud. Juhtimistross. Mõõtmed ja koormused
Aerospace series - Stud-ends in corrosion resisting steel swaged on type - Control cable - Dimensions and loads

Keel: en
Alusdokumendid: EN 2357:1988
Standardi staatus: Kehtetu

EVS-EN 2358:2000

Lennunduse ja kosmonautika seeria. Külgepressitavat tüüpi korrosioonikindlast terasest silmusotsakud. Juhtimistross. Mõõtmed ja koormused
Aerospace series - Eye ends in corrosion resisting steel swaged on type - Control cable - Dimensions and loads

Keel: en
Alusdokumendid: EN 2358:1988
Standardi staatus: Kehtetu

EVS-EN 2359:2000

Lennunduse ja kosmonautika seeria. Külgepressitavat tüüpi korrosioonikindlast terasest kahvelotsakud. Juhtimistross. Mõõtmed ja koormused
Aerospace series - Fork ends in corrosion resisting steel swaged on type - Control cable - Dimensions and loads

Keel: en
Alusdokumendid: EN 2359:1988
Standardi staatus: Kehtetu

EVS-EN 2360:2000

Lennunduse ja kosmonautika seeria. Külgepressitavat tüüpi korrosioonikindlast terasest kahvelotsakud veerelaagritele. Juhtimistross. Mõõtmed ja koormused
Aerospace series - Fork ends for rolling bearings in corrosion steel swaged on type - Control cable - Dimensions and loads

Keel: en
Alusdokumendid: EN 2360:1988
Standardi staatus: Kehtetu

EVS-EN 2361:2000

Lennunduse ja kosmonautika seeria. Külgepressitavat tüüpi korrosioonikindlast terasest topeltvarreosaga kuulotsakud. Juhtimistross. Mõõtmed ja koormused
Aerospace series - Ball-ends, double shank in corrosion resisting steel swaged on type - Control cable - Dimensions and loads

Keel: en
Alusdokumendid: EN 2361:1988
Standardi staatus: Kehtetu

EVS-EN 2362:2000

Lennunduse ja kosmonautika seeria. Külgepressitavat tüüpi korrosioonikindlast terasest kuulotsakud. Juhtimistross. Mõõtmed ja koormused
Aerospace series - Ball-ends in corrosion resisting steel swaged on type - Control cable - Dimensions and loads

Keel: en
Alusdokumendid: EN 2362:1988
Standardi staatus: Kehtetu

EVS-EN 2363:2000

Lennunduse ja kosmonautika seeria. Lukustusklambrid juhtimistrosside kruvipingutitele. Mõõtmed
Aerospace series - Locking clips for turnbuckles of control cables - Dimensions

Keel: en
Alusdokumendid: EN 2363:1988
Standardi staatus: Kehtetu

EVS-EN 2609:2000

Lennunduse ja kosmonautika seeria. Juhtimistrossi vasktsinksulamist pöördtrumlid. Mõõtmed ja koormused
Aerospace series - Turnbarrels, control cable in copperzinc alloys - Dimensions and loads

Keel: en
Alusdokumendid: EN 2609:1988
Standardi staatus: Kehtetu

EVS-EN 2641:2000

Lennunduse ja kosmonautika seeria. Juhtimistrossi koostud. Kombinatsioonid ja mõõtmed
Aerospace series - Control cable assemblies - Combinations and dimensions

Keel: en
Alusdokumendid: EN 2641:1988
Standardi staatus: Kehtetu

EVS-EN 3298:2008

Lennunduse ja kosmonautika seeria. Iselukustuvad õhukeseseinalised sissepandavad detailid. Paigaldamise ja eemaldamise protseduurid
Aerospace series - Inserts, thin wall, self-locking - Installation and removal procedure

Keel: en
Alusdokumendid: EN 3298:2008
Standardi staatus: Kehtetu

EVS-EN 3676:2000

Lennunduse ja kosmonautika seeria. Iselukustuvad õhukeseseinalised sissepandavad detailid. Konstruktsioonistandard
Aerospace series - Inserts, thin wall, self-locking - Design standard

Keel: en
Alusdokumendid: EN 3676:1998
Standardi staatus: Kehtetu

EVS-EN 3774-004:2014

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 004: UNC thread terminals - Product standard

Keel: en
Alusdokumendid: EN 3774-004:2014

Asendatud järgmise dokumendiga: EVS-EN 3774-004:2024
Standardi staatus: Kehtetu

EVS-EN 3879:2023

Aerospace series - Metallic materials - Filler metal for welding - Technical specification

Keel: en

Alusdokumendid: EN 3879:2023

Asendatud järgmise dokumendiga: EVS-EN 4877-001:2024

Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 1570-1:2011+A1:2014

Tõstelavade ohutusnõuded. Osa 1: Kuni kahte liikumatut vastuvõtuplatvormi teenindavad tõstelavad

Safety requirements for lifting tables - Part 1: Lifting tables serving up to two fixed landings

Keel: en

Alusdokumendid: EN 1570-1:2011+A1:2014

Asendatud järgmise dokumendiga: EVS-EN 1570-1:2024

Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 27965-1:2003

Packaging - Sacks - Drop test - Part 1: Paper sacks

Keel: en

Alusdokumendid: ISO 7986-1:1984; EN 27965-1:1992

Asendatud järgmise dokumendiga: EVS-EN ISO 7965-1:2024

Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 20433:2012

Leather - Tests for colour fastness - Colour fastness to crocking (ISO 20433:2012)

Keel: en

Alusdokumendid: ISO 20433:2012; EN ISO 20433:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 20433:2024

Standardi staatus: Kehtetu

65 PÖLLUMAJANDUS

EVS-EN 12579:2013

Mullaparandajad ja kasvukeskkond. Proovivõtt Soil improvers and growing media - Sampling

Keel: en

Alusdokumendid: EN 12579:2013

Asendatud järgmise dokumendiga: EVS-EN 12579:2024

Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN ISO 5771:2008

Kummivoolikud ja voolikukomplektid veevaba ammoniaagi teisaldamiseks. Tehnilised andmed Rubber hoses and hose assemblies for transferring anhydrous ammonia - Specification

Keel: en

Alusdokumendid: ISO 5771:2008; EN ISO 5771:2008

Asendatud järgmise dokumendiga: EVS-EN ISO 5771:2024

Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10051:2010

Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape

Keel: en

Alusdokumendid: EN 10051:2010

Asendatud järgmise dokumendiga: EVS-EN 10051:2024

Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15348:2014

Plastics - Recycled plastics - Characterization of poly(ethylene terephthalate) (PET) recyclates

Keel: en

Alusdokumendid: EN 15348:2014

Asendatud järgmise dokumendiga: EVS-EN 15348:2024

Standardi staatus: Kehtetu

EVS-EN 549:2019+A1:2023

Kummimaterjalid gaasiseadmete tihenditele ja membraanidele

Rubber materials for seals and diaphragms for gas appliances and gas equipment

Keel: en

Alusdokumendid: EN 549:2019+A1:2023

Asendatud järgmise dokumendiga: EVS-EN 549:2019+A2:2024

Standardi staatus: Kehtetu

EVS-EN ISO 5771:2008

Kummivoolikud ja voolikukomplektid veevaba ammoniaagi teisaldamiseks. Tehnilised andmed

Rubber hoses and hose assemblies for transferring anhydrous ammonia - Specification

Keel: en

Alusdokumendid: ISO 5771:2008; EN ISO 5771:2008

Asendatud järgmise dokumendiga: EVS-EN ISO 5771:2024

Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS 875-4:2015

Vara hindamine. Osa 4: Hindamise head tavad ja hindamistulemuste esitamine

Property valuation - Part 4: Code of Conduct and Valuation Reporting

Keel: et

Asendatud järgmise dokumendiga: EVS 875-4:2024

Standardi staatus: Kehtetu

93 RAJATISED

EVS 875-4:2015

Vara hindamine. Osa 4: Hindamise head tavad ja hindamistulemuste esitamine

Property valuation - Part 4: Code of Conduct and Valuation Reporting

Keel: et

Asendatud järgmise dokumendiga: EVS 875-4:2024

Standardi staatus: Kehtetu

EVS-EN 12368:2015

Liikluse reguleerimise vahendid. Signaalseadmed

Traffic control equipment - Signal heads

Keel: en

Alusdokumendid: EN 12368:2015

Asendatud järgmise dokumendiga: EVS-EN 12368:2024

Standardi staatus: Kehtetu

EVS-EN 14988:2017+A1:2020

**Kõrged lastetoolid. Nõuded ja katsemeetodid
Children's high chairs - Requirements and test methods**

Keel: en

Alusdokumendid: EN 14988:2017+A1:2020

Asendatud järgmise dokumendiga: EVS-EN 14988:2017+A2:2024

Standardi staatus: Kehtetu

EVS-EN 30-1-2:2023

Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 1-2: Ohutus. Sundkonvektsiooniga ahjudega seadmed

Domestic cooking appliances burning gas - Part 1-2: Safety - Appliances having forced-convection ovens

Keel: en

Alusdokumendid: EN 30-1-2:2023

Asendatud järgmise dokumendiga: EVS-EN 30-1-2:2023+A1:2024

Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) on asjast huvitatul võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

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

Iga arvamusküsitlusele oleva kavandi kohta on esitatud alljärgnev informatsioon:

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

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 10286

Gas cylinders - Vocabulary (ISO/DIS 10286:2024)

This document defines terms for gas cylinders.

Keel: en

Alusdokumendid: ISO/DIS 10286; prEN ISO 10286

Asendab dokumenti: EVS-EN ISO 10286:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

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

prEN 18074

Industrial decarbonization - Requirements and guidelines for sectoral transition plans

This document specifies the requirements and recommendations relative to the construction of a sectoral transition plan for industry decarbonization. This document does not specify the requirements for the construction of a roadmap of single industrial company's transition plan (a plant or a group), however a sectoral transition plan can be used as a reference in an entity transition plan. This document is intended to be used by organizations, including national and public bodies, trade associations, federations, companies and NGOs that wish to establish or monitor sectoral decarbonization plans. This document is climate-programme neutral. If a climate programme is applicable, requirements of this programme are additional to the requirement of this document. This document does not address legal and other obligations relating to climate action. In this document, either natural or technological sequestrations occur inside the geographical and sectoral boundaries considered in the sectoral transition plan. Otherwise, they are excluded. In this document, considering its energy consumptions and its cost, the direct air capture and storage technology (DACs) is not considered relevant and is excluded from the sectoral transition plan. Carbon offsets are excluded from this document. NOTE Carbon offsets are intended as be understood as "Emissions reduction or removal resulting from an action outside the geographical and sectoral boundary used to counterbalance the sector's residual emissions".

Keel: en

Alusdokumendid: prEN 18074

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEVS-ISO 5725-2

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 2: Põhimeetod standardse mõõtemetodi korduvuse ja korratavuse määramiseks

Accuracy (trueness and precision) of measurement methods and results - Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method (ISO 5725-2:2019, identical)

1.1 See dokument — täiendab katsete kavandamise üldpõhimõtteid mõõtemeetodite täpsuse numbriliseks hindamiseks laboritevahelise ringkatse vormis; — kirjeldab detailselt põhimeetodikat mõõtemeetodite kordustäpsuse perioodiliseks hindamiseks; — annab juhised kogu isikkoosseisule, kes tegeleb kordustäpsuse hindamise katsete kavandamise, läbiviimise või katsetulemuste analüüsiga. MÄRKUS 1 Nende põhimeetodite muudatused erieesmärkidel on antud ISO 5725 teistes osades. 1.2 See puudutab ainult mõõtemeetodeid, mis annavad mõõtmisi pideval skaalal ning annavad katse tulemuseks ühe väärtuse, kuigi

see väärtus võib olla mitmete vaatlustulemuste põhjal tehtud arvutuse tulemus. 1.3 See eeldab, et täpsuskatse kavandamisel ja täitmisel on järgitakse ISO 5725-1 esitatud põhimõtteid. Põhimeetod kasutab samal arvul katsetulemusi igas laboris, kus iga labor analüüsib samal tasemel katseproove, st et tegu on tasakaalustatud ühtsel tasemel katsega. Põhimeetodit kohaldatakse protsessides, mis on standardiseeritud ja regulaarses kasutuses mitmetes laborites. 1.4 Katsetulemuste tõlgendamise ja analüüsi sobivaks aluseks on tunnistatud statistiline mudel ISO 5725-1:1994 peatükist 5, mille jaotus on ligikaudu normaalne. 1.5 Selles dokumendis kirjeldatud põhimeetod hindab (tavaliselt) korduvustäpsust meetodil: a) kui see on vajalik, et määrata kindlaks korduvuse ja korratavuse standardhälvet, mis on määratletud ISO 5725-1; b) kui kasutatavad materjalid on ühesugused või kui eriliigilisuse mõju saab lisada täpsusväärtusele; ja c) kui tasakaalustatud ühtse taseme ülesehituse kasutus on vastuvõetav. 1.6 Sama lähenemist saab kasutada, et anda esialgne korduvustäpsuse hinnang mõõtmismeetoditele mis ei ole standardiseeritud või tavakasutuses.

Keel: en

Alusdokumendid: ISO 5725-2:2019

Asendab dokumenti: EVS-ISO 5725-2:2002

Asendab dokumenti: EVS-ISO 5725-2:2002/AC:2010

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEVS-ISO 5725-4

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 4:

Põhimeetodid standardse mõõtemetodi tõesuse määramisel

Accuracy (trueness and precision) of measurement methods and results - Part 4: Basic methods for the determination of trueness of a standard measurement method (ISO 5725-4:2020, identical)

1.1 See dokument — määratleb põhimeetodid, kuidas hinnata mõõtemetodi hälvet ja laborihälvet mõõtemetodi rakendamisel; — esitab praktilise lähenemise põhimeetodi rakendamiseks rutiinsel kasutamisel mõõtemetodi hälbe ja laborihälbe hindamisel; — esitab lühijuhise kogu isikkoosseisule, kes tegeleb hälbe hindamise katsete kavandamise, läbiviimise või katsetulemuste analüüsiga. 1.2 See puutub ainult mõõtemetoditesse, mis annavad mõõtmisi pideval skaalal ning annavad mõõtmistulemuseks ühe väärtuse, kuigi see võib olla hulga vaatluste põhjal tehtud arvutuse tulemus. 1.3 See dokument on rakendatav juhul, kui mõõtemetod on standardiseeritud ja kõik mõõtmised viiakse läbi standardmeetodi põhjal. MÄRKUS: Dokumendis ISO/IEC Guide 99:2007(VIM) on „mõõteprotseduur“ (2.6) analoogne mõiste, mis on seotud selles dokumendis kasutatud mõistega „mõõtemetod“. 1.4 See dokument rakendub ainult siis kui on võimalik tõelise väärtuse asendamiseks määrata aktsepteeritud tugiväärtus, näiteks: — sobiva etalonaine väärtus; — sobiva etaloni väärtus; — viide sobivale tugimeetodile; — sobiv ettevalmistatud teadaolevate omadustega materjalinäidis. 1.5 Seda dokumenti rakendatakse ainult juhtudel, kus on mõistlik hälvet hinnata korraga ühe omaduse kaupa. See ei ole rakendatav, kui ühe omaduse mõõtmise hälve on mõjutatav teise omaduse taseme poolt (ehk dokument ei käsitle olukorda kus mõjurid üksteist mõjutavad). Kahe mõõtmise meetodi tõesuse võrdlust käsitleb ISO 5725-6.

Keel: en

Alusdokumendid: ISO 5725-4:2020

Asendab dokumenti: EVS-ISO 5725-4:2002

Arvamusküsitluse lõppkuupäev: 30.06.2024

07 LOODUS- JA RAKENDUSTEADUSED

prEN ISO 10705-3

Water quality - Detection and enumeration of bacteriophages - Part 3: Validation of methods for concentration of bacteriophages from water (ISO 10705-3:2003)

This part of ISO 10705 specifies the general principles for assessing the performance of methods for the concentration of bacteriophages from water. Concentration is recommended for those water samples expected to contain < 3 pfu (plaque-forming particles) per millilitre. Concentration methods can be applied to all kinds of water provided that the amount and nature of suspended solids and/or dissolved matter do not interfere with the concentration procedure. This part of ISO 10705 does not give specific details of concentration methods, but outlines the fundamental principles for evaluating the suitability of a particular method for a given type and volume of water. Annex A gives examples of methods that have been found satisfactory and their fields of application.

Keel: en

Alusdokumendid: ISO 10705-3:2003; prEN ISO 10705-3

Arvamusküsitluse lõppkuupäev: 30.06.2024

11 TERVISEHOOLDUS

prEN 17984-2

Assistance dogs - Part 2: Dog lifetime welfare

The purpose of this document is to protect the welfare of assistance dogs. For this, it sets out requirements based on the Five Domains Paradigm to ensure the dog's welfare. The requirements apply: - throughout the whole life of the dog; - for all types of assistance dogs; - for all people/caregivers/handlers who are entrusted with a dog at any point during its lifetime.

Keel: en

Alusdokumendid: prEN 17984-2

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 868-2

Packaging for terminally sterilized medical devices - Part 2: Sterilization wrap - Requirements and test methods

This document specifies test methods and values for sterilization wrap made of - single-use creped paper - single-use nonwoven materials - reusable woven textile materials used as sterile barrier systems and/or packaging systems for terminally sterilized medical devices. Other than the general requirements as specified in EN ISO 11607-1 and EN ISO 11607-2 this part of EN 868 specifies materials, test methods and values that are specific to the products covered by this document.

Keel: en

Alusdokumendid: prEN 868-2

Asendab dokumenti: EVS-EN 868-2:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 868-3

Packaging for terminally sterilized medical devices - Part 3: Paper for use in the manufacture of paper bags (specified in EN 868-4) and in the manufacture of pouches and reels (specified in EN 868-5) - Requirements and test methods

This document specifies test methods and values for paper used in the manufacture of single-use paper bags (specified in EN 868-4) and in the manufacture of single-use pouches and reels (specified in EN 868-5) used as sterile barrier systems and/or packaging systems for terminally sterilized medical devices by means of sterilization processes that require properties specific to higher temperature sterilization, such as moist heat sterilization used in healthcare facilities. Other than the general requirements as specified in EN ISO 11607-1 and EN ISO 11607-2 [2], this part of EN 868 specifies materials, test methods and values that are specific to the products covered by this document.

Keel: en

Alusdokumendid: prEN 868-3

Asendab dokumenti: EVS-EN 868-3:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 868-4

Packaging for terminally sterilized medical devices - Part 4: Paper bags - Requirements and test methods

This document specifies test methods and values for single-use paper bags manufactured from paper specified in EN 868-3, used as sterile barrier systems and/or packaging systems for terminally sterilized medical devices. Other than the general requirements as specified in EN ISO 11607-1 and EN ISO 11607-2, this part of EN 868 specifies materials, test methods and values that are specific to the products covered by this document.

Keel: en

Alusdokumendid: prEN 868-4

Asendab dokumenti: EVS-EN 868-4:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 868-6

Packaging for terminally sterilized medical devices - Part 6: Paper for low temperature sterilization processes - Requirements and test methods

This document specifies test methods and values for paper used in the manufacture of single-use preformed sterile barrier systems and/or packaging systems for terminally sterilized medical devices by means of low temperature sterilization processes. Other than the general requirements as specified in EN ISO 11607-1 and EN ISO 11607-2 [2], this part of EN 868 specifies materials, test methods and values that are specific to the products covered by this document.

Keel: en

Alusdokumendid: prEN 868-6

Asendab dokumenti: EVS-EN 868-6:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 868-7

Packaging for terminally sterilized medical devices - Part 7: Adhesive coated paper for low temperature sterilization processes - Requirements and test methods

This document specifies test methods and values for sealable adhesive coated paper manufactured from paper complying with EN 868-6, used as single-use sterile barrier systems and/or single-use packaging systems for terminally sterilized medical devices by the means of low temperature sterilization processes. Other than the general requirements as specified in EN ISO 11607-1 and EN ISO 11607-2 [2], this part of EN 868 specifies materials, test methods and values that are specific to the products covered by this document.

Keel: en

Alusdokumendid: prEN 868-7

Asendab dokumenti: EVS-EN 868-7:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 8871-5

Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 5: Functional requirements and testing (ISO/DIS 8871-5:2024)

ISO 8871-5:2016 specifies requirements and test methods for functional parameters of elastomeric closures used in combination with vials and when pierced by an injection needle. NOTE Functional testing with spikes is specified in ISO 8536-2 and in ISO 8536-6.

Keel: en

Alusdokumendid: ISO/DIS 8871-5; prEN ISO 8871-5

Asendab dokumenti: EVS-EN ISO 8871-5:2016

Arvamusküsitluse lõppkuupäev: 30.06.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 1627:2021/prA1

Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification

This document specifies requirements and classification systems for burglar resistant characteristics of pedestrian doorsets, windows, curtain walling, grilles and shutters. It is applicable to the following opening functions: Turning, tilting, folding, turn-tilting, top or bottom hung, sliding (horizontally and vertically), pivoted (horizontally and vertically), projecting and rolling as well as non-openable constructions. It also covers products that include items such as letter plates or ventilation grilles. It specifies requirements for the burglar resistance of a construction product (as defined in 3.1 of this document). NOTE 1 The elements of curtain walling will be assigned to group 1 to 4 product depending on their design. This document does not directly cover the resistance of locks and cylinders to attack with picking tools. Building hardware are components of the above mentioned products and cannot be classified as such according to this document. This document does not apply to walls and roofs, as well as for doors, gates and barriers, intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises, as covered by EN 13241:2003+A2:2016. NOTE 2 It is important that construction products that can be reached or driven through by vehicles are protected by appropriate measures such as barriers, extensible ramps, etc. The requirements to an electronic security system (e.g. access control system) to control electromechanical locks and strikes according to EN 14846:2008 are not in the scope of this document. NOTE 3 Locks and striking plates according to EN 14846:2008 needs an access control system for authorized and secure access (comparable to a lock cylinder). The transmission of the signal between the lock and the access control system (e.g. wiring) needs also consideration. (The signal is transmitted in encrypted form or is not accessible during the manual attack attempt.) Upcoming revisions of this document might include such a reference.

Keel: en

Alusdokumendid: EN 1627:2021/prA1

Muudab dokumenti: EVS-EN 1627:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 1366-14

Fire resistance tests for device installations - Part 14: Partial penetration seals

This part of the EN 1366 series specifies a method of test and criteria for the evaluation (including field of direct application rules) of the ability of a partial penetration seal to maintain the fire resistance of a separating element at the position at which it has been penetrated by a device or devices that passes through one face of the element only. Partial penetration seals are used to seal apertures for electrical sockets, downlighters, media devices, cables and any item which requires an opening to be made in one face of the element of construction but does not include a device which passes through both faces. Supporting constructions are used in this part of the EN 1366 series to represent separating elements such as walls or floors. These simulate the interaction between the test specimen and the separating element into which the sealing system is to be installed in practice. This part of the EN 1366 series is used in conjunction with EN 1363 1. The purpose of a test described in this part of the EN 1366 series is to assess the integrity and insulation performance of the partial penetration seal, of the penetrating service(s) or device(s) and of the separating element in the surrounding area of the partial penetration seal. Where partial penetration seals are installed in ceilings and floors, the loadbearing capacity shall also be considered. No information can be implied by the test concerning the influence of the inclusion of such penetrations and penetration seals on the loadbearing capacity of walls. It is not the intention of this test to provide quantitative information on the rate of leakage of smoke and/or hot gases or on the transmission or generation of fumes. Such phenomena are only to be noted in the test report in describing the general behaviour of test specimens during the test. Tests in accordance with this part of the EN 1366 series are not intended to supply any information on the ability of the partial penetration seal to withstand stress caused by movements or displacements of the penetrating devices. The risk of spread of fire downwards cannot be assessed with this test. Tests in accordance with this part of the EN 1366 series do not address any risks associated with leakage of dangerous liquids or gases caused by failure of the device in case of fire.

Keel: en

Alusdokumendid: prEN 1366-14

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 18074

Industrial decarbonization - Requirements and guidelines for sectoral transition plans

This document specifies the requirements and recommendations relative to the construction of a sectoral transition plan for industry decarbonization. This document does not specify the requirements for the construction of a roadmap of single industrial company's transition plan (a plant or a group), however a sectoral transition plan can be used as a reference in an entity transition

plan This document is intended to be used by organizations, including national and public bodies, trade associations, federations, companies and NGOs that wish to establish or monitor sectoral decarbonization plans. This document is climate-programme neutral. If a climate programme is applicable, requirements of this programme are additional to the requirement of this document. This document does not address legal and other obligations relating to climate action. In this document, either natural or technological sequestrations occur inside the geographical and sectoral boundaries considered in the sectoral transition plan. Otherwise, they are excluded. In this document, considering its energy consumptions and its cost, the direct air capture and storage technology (DACs) is not considered relevant and is excluded from the sectoral transition plan. Carbon offsets are excluded from this document. NOTE Carbon offsets are intended as be understood as "Emissions reduction or removal resulting from an action outside the geographical and sectoral boundary used to counterbalance the sector's residual emissions".

Keel: en

Alusdokumendid: prEN 18074

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 63395:2024

Sustainable management of waste electrical and electronic equipment (e-waste) - Proposed horizontal publication

This document specifies requirements and provides guidance for the sustainable management of waste electrical and electronic equipment (e-waste) from collection to returning recovered products, components or materials to the value chain. The document is intended for use by an organization involved in e-waste management seeking to manage its responsibilities in a systematic manner. The requirements set by this international standard will help an organization to achieve sustainability outcomes within the context of e-waste management, including • enhancement of sustainability performance and achievement of sustainability objectives; • fulfilment of compliance obligations. The document is applicable to any organization, regardless of size, type and nature. The document applies to the environmental and human health and safety aspects of e-waste management activities, that the organization determines it can either control or influence, considering a lifecycle perspective. Note: Social aspects e.g. employment creation, conflict minerals, employment conditions are not addressed directly but indirectly through the benefits of sustainable management of e-waste.

Keel: en

Alusdokumendid: 111/750/CDV; prEN IEC 63395:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 12895

Safety of machinery - Identification of whole body access and prevention of associated risk(s) (ISO/DIS 12895:2024)

This document establishes the criteria to evaluate when whole body access exists in a machinery application and includes appropriate risk reduction measures to minimize or reduce associated risks. It provides a methodology to determine the selection of risk reduction measures when whole body access exists. This document assumes separation distances have been applied according to ISO 13855 and ISO 13857. Protection against the risks from hazards arising from emissions (e.g., the ejection of solid or fluid materials, radiation, electric arcs, heat, noise, fumes, gases) are not entirely covered by this document, although the application of the proposed risk reduction measures may minimize or reduce them. Protection against the risks from hazards arising from breaking of parts of the machine or gravity falls, are not covered by this document. This document applies for safeguards used on machinery for the protection of persons 14 years and older.

Keel: en

Alusdokumendid: ISO/DIS 12895; prEN ISO 12895

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 15923-1

Water quality - Determination of selected parameters by discrete analysis systems - Part 1: Ammonium, nitrate, nitrite, chloride, orthophosphate, sulfate and silicate with photometric detection (ISO 15923-1:2013)

This part of ISO 15923 specifies methods for the automatic performance of spectrophotometric and turbidimetric analyses with a discrete analysis system for determining ammonium, nitrate, nitrite, chloride, orthophosphate, sulfate, and silicate. The field of application is ground, potable, surface, waste, eluates, and boiler water.

Keel: en

Alusdokumendid: ISO 15923-1:2013; prEN ISO 15923-1

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 9241-161

Ergonomics of human-system interaction - Part 161: Guidance on visual user-interface elements (ISO/DIS 9241-161:2024)

ISO 9241-161:2016 describes visual user-interface elements presented by software and provides requirements and recommendations on when and how to use them. This part of ISO 9241 is concerned with software components of interactive systems to make human-system interaction usable as far as the basic interaction aspects are concerned. ISO 9241-161:2016 provides a comprehensive list of generic visual user-interface elements, regardless of a specific input method, visualization, and platform or implementation technology. The guidance given in this part of ISO 9241 is intended to be used in conjunction with ISO 9241 guidance on dialogue techniques. It recognizes that additional elements can evolve. It also addresses derivatives, compositions (assemblies) and states of user-interface elements. It gives requirements and recommendations on selection, usage

and dependencies of user-interface elements and their application. It is applicable regardless of a fixed, portable or mobile interactive system. It does not provide detailed coverage of the methods and techniques required for design of user-interface elements. This part of ISO 9241 does not address implementation (e.g. graphical design of elements) and interaction details for specific input methods or technologies. It does not cover decorative user-interface elements that are intended to address solely aesthetic (hedonic) qualities in the user interface, e.g. background images. The information in this part of ISO 9241 is intended for use by those responsible for the selection and implementation of visual user-interface elements in interactive systems and for evaluating user interfaces. It is intended for use by those planning and managing platform specific aspects of user interface screen design. It also provides guidance for human factors/ergonomics and usability professionals involved in human-centred design. It addresses technical issues only to the extent necessary to allow users of this part of ISO 9241 to understand the relevance and importance of a consistent interface element usage and selection in the design process as a whole. Annex A provides a guide to selection of different visual user interface elements depending of their appropriate application.

Keel: en

Alusdokumendid: ISO/DIS 9241-161; prEN ISO 9241-161

Asendab dokumenti: EVS-EN ISO 9241-161:2016

Arvamusküsitluse lõppkuupäev: 30.06.2024

17 METROLOOGIA JA MÕOTMINE. FÜSIKALISED NÄHTUSED

prEN IEC 60704-2-3:2024

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers

These particular requirements apply to single unit electric dishwashers for household and similar use, with or without automatic programme control, for cold and/or warm water supply, for detachable or permanent connection to water supply or sewage systems, intended for placing on the floor against a wall, for building-in or placing under a counter, a kitchen worktop or under a sink, for wall-mounting or on a counter.

Keel: en

Alusdokumendid: 59A/263/CDV; prEN IEC 60704-2-3:2024

Asendab dokumenti: EVS-EN 60704-2-3:2019

Asendab dokumenti: EVS-EN 60704-2-3:2019/A11:2019

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 13473-5

Characterization of pavement texture by use of surface profiles - Part 5: Determination of megatexture (ISO/DIS 13473-5:2024)

ISO 13473-5:2009 specifies procedures for determining the average depth or level of pavement surface megatexture by measuring the profile curve of a surface and calculating megatexture descriptors from this profile. The technique is designed to give meaningful and accurate measurement and description of pavement megatexture characteristics for various purposes. Since there is an overlap between megatexture and the surrounding ranges, the megatexture descriptors unavoidably have a certain correlation with corresponding measures in those ranges. ISO 13473-5:2009 specifies measurements and procedures which are in relevant parts compatible with those in ISO 13473-1, ISO 8608 and EN 13036-5.

Keel: en

Alusdokumendid: ISO/DIS 13473-5; prEN ISO 13473-5

Asendab dokumenti: EVS-EN ISO 13473-5:2010

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 14405-1

Geometrical product specifications (GPS) - Dimensional tolerancing - Part 1: Linear sizes (ISO/DIS 14405-1:2024)

This document establishes the default specification operator (see ISO 17450-2) and defines a special specification operator for linear sizes. It applies to the following features of linear size: — cylinders, — spheres, — two parallel opposite planes. Annex C handles the definition of sizes for circles as sections of a cone. Annex D handles the definition of sizes for circles as sections of a torus. Annex E handles the definition of sizes for parallel opposite lines as longitudinal sections of cylindrical tubes in half planes containing a specified axis. This part of ISO 14405 provides a set of tools to express several types of linear size characteristics. It does not present any information on the relationship between a function or a use and a linear size characteristic.

Keel: en

Alusdokumendid: ISO/DIS 14405-1; prEN ISO 14405-1

Asendab dokumenti: EVS-EN ISO 14405-1:2016

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEVS-ISO 5725-2

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 2: Põhimeetod standardse mõõtemetodi korduvuse ja korratavuse määramiseks **Accuracy (trueness and precision) of measurement methods and results - Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method (ISO 5725-2:2019, identical)**

1.1 See dokument — täiendab katsete kavandamise üldpõhimõtteid mõõtemetodite täpsuse numbriliseks hindamiseks laboritevahelise ringkatse vormis; — kirjeldab detailselt põhimeetodikat mõõtemetodite kordustäpsuse perioodiliseks hindamiseks; — annab juhised kogu isikkoosseisule, kes tegeleb kordustäpsuse hindamise katsete kavandamise, läbiviimise või katsetulemuste analüüsiga. MÄRKUS 1 Nende põhimeetodite muudatused erieesmärkidel on antud ISO 5725 teistes osades. 1.2 See puudutab ainult mõõtemetodeid, mis annavad mõõtmisi pideval skaalal ning annavad katse tulemuseks ühe väärtuse, kuigi see väärtus võib olla mitmete vaatlustulemuste põhjal tehtud arvutuse tulemus. 1.3 See eeldab, et täpsuskatse kavandamisel ja täitmisel on järgitakse ISO 5725-1 esitatud põhimõtteid. Põhimeetod kasutab samal arvul katsetulemusi igas laboris, kus iga labor analüüsib samal tasemel katseproove, st et tegu on tasakaalustatud ühtsel tasemel katsega. Põhimeetodit kohaldatakse protsessides, mis on standardiseeritud ja regulaarses kasutuses mitmetes laborites. 1.4 Katsetulemuste tõlgendamise ja analüüsi sobivaks aluseks on tunnustatud statistiline mudel ISO 5725-1:1994 peatükist 5, mille jaotus on ligikaudu normaalne. 1.5 Selles dokumendis kirjeldatud põhimeetod hindab (tavaliselt) korduvustäpsust meetodil: a) kui see on vajalik, et määrata kindlaks korduvuse ja korratavuse standardhälvet, mis on määratud ISO 5725-1; b) kui kasutatavad materjalid on ühesugused või kui eriliigilisuse mõju saab lisada täpsusväärtusele; ja c) kui tasakaalustatud ühte taseme ülesehituse kasutus on vastuvõetav. 1.6 Sama lähenemist saab kasutada, et anda esialgne korduvustäpsuse hinnang mõõtmismeetoditele mis ei ole standardiseeritud või tavakasutuses.

Keel: en

Alusdokumendid: ISO 5725-2:2019

Asendab dokumenti: EVS-ISO 5725-2:2002

Asendab dokumenti: EVS-ISO 5725-2:2002/AC:2010

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEVS-ISO 5725-4

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 4: Põhimeetodid standardse mõõtemetodi tõesuse määramisel **Accuracy (trueness and precision) of measurement methods and results - Part 4: Basic methods for the determination of trueness of a standard measurement method (ISO 5725-4:2020, identical)**

1.1 See dokument — määratleb põhimeetodid, kuidas hinnata mõõtemetodi hälvet ja laborihälvet mõõtemetodi rakendamisel; — esitab praktilise lähenemise põhimeetodi rakendamiseks rutiinsel kasutamisel mõõtemetodi hälbe ja laborihälbe hindamisel; — esitab lühijuhise kogu isikkoosseisule, kes tegeleb hälbe hindamise katsete kavandamise, läbiviimise või katsetulemuste analüüsiga. 1.2 See puutub ainult mõõtemetoditesse, mis annavad mõõtmisi pideval skaalal ning annavad mõõtmistulemuseks ühe väärtuse, kuigi see võib olla hulga vaatluste põhjal tehtud arvutuse tulemus. 1.3 See dokument on rakendatav juhul, kui mõõtemetod on standardiseeritud ja kõik mõõtmised viiakse läbi standardmeetodi põhjal. MÄRKUS: Dokumendis ISO/IEC Guide 99:2007(VIM) on „mõõteprotseduur“ (2.6) analoogne mõiste, mis on seotud selles dokumendis kasutatud mõistega „mõõtemetod“. 1.4 See dokument rakendub ainult siis kui on võimalik tõelise väärtuse asendamiseks määrata aktsepteeritud tugiväärtus, näiteks: — sobiva etalonaine väärtus; — sobiva etaloni väärtus; — viide sobivale tugimeetodile; — sobiv ettevalmistatud teadaolevate omadustega materjalinäidis. 1.5 Seda dokumenti rakendatakse ainult juhtudel, kus on mõistlik hälvet hinnata korraka ühe omaduse kaupa. See ei ole rakendatav, kui ühe omaduse mõõtmise hälve on mõjutatav teise omaduse taseme poolt (ehk dokument ei käsitle olukorda kus mõjurid üksteist mõjutavad). Kahe mõõtemetodi tõesuse võrdlust käsitleb ISO 5725-6.

Keel: en

Alusdokumendid: ISO 5725-4:2020

Asendab dokumenti: EVS-ISO 5725-4:2002

Arvamusküsitluse lõppkuupäev: 30.06.2024

19 KATSETAMINE

prEN IEC 60068-2-1:2024

Environmental testing - Part 2-1: Tests - Test a: Cold

This document specifies temperature tests at low temperatures, generally referred to as “cold tests”, that are applicable to non-heat-dissipating and heat-dissipating specimens, to determine the ability of components, equipment, or other articles to be used, transported or stored at low temperature. This document is applicable to energized as well as not energized specimens, that normally achieve temperature stability during the test. The specimens can be packed or unpacked in the test. This document does not specify tests to determine the impact of temperature changes on specimens.

Keel: en

Alusdokumendid: 104/1046/CDV; prEN IEC 60068-2-1:2024

Asendab dokumenti: EVS-EN 60068-2-1:2007

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 60068-2-2:2024](#)

Environmental testing - Part 2-2: Tests - Test b: Dry heat

This document specifies dry heat temperature tests that are applicable to non-heat-dissipating and heat-dissipating specimens, to determine the ability of components, equipment or other articles to be used, transported or stored at high temperature. This document is applicable to energized as well as not energized specimens, that normally achieve temperature stability during the test. The specimens can be packed or unpacked in the test. This document does not specify tests to determine the impact of temperature changes on specimens.

Keel: en

Alusdokumendid: 104/1047/CDV; prEN IEC 60068-2-2:2024

Asendab dokumenti: EVS-EN 60068-2-2:2007

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 60068-2-30:2024](#)

Environmental testing - Part 2-30: Tests - Test db: Damp heat, cyclic (12 h + 12 h cycle)

This document specifies a test procedure to determine the suitability of components, equipment, or other articles for use, transportation, and storage under conditions of high humidity combined with cyclic temperature changes and, in general, producing condensation on the surface of the specimen. This test method can also be used to validate the packaging of specimen for transportation and storage. This document does only in exceptional cases apply to specimens that are energized throughout the test.

Keel: en

Alusdokumendid: 104/1048/CDV; prEN IEC 60068-2-30:2024

Asendab dokumenti: EVS-EN 60068-2-30:2006

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 60068-2-78:2024](#)

Environmental testing - Part 2-78: Tests - Test cab: Damp heat, steady state

This document establishes a test method for determining the ability of components or equipment to withstand transportation, storage and use under conditions of high humidity. The object of this standard is to investigate the effect of high humidity at constant temperature without condensation on a specimen over a prescribed period. It is applicable to small equipment or components as well as large equipment and can be applied to both heat-dissipating and non-heat-dissipating specimens.

Keel: en

Alusdokumendid: 104/1049/CDV; prEN IEC 60068-2-78:2024

Asendab dokumenti: EVS-EN 60068-2-78:2013

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN ISO 15708-2](#)

Non-destructive testing - Radiation methods for computed tomography - Part 2: Principles, equipment and samples (ISO/DIS 15708-2:2024)

ISO 15708-2:2017 specifies the general principles of X-ray computed tomography (CT), the equipment used and basic considerations of sample, materials and geometry. It is applicable to industrial imaging (i.e. non-medical applications) and gives a consistent set of CT performance parameter definitions, including how those performance parameters relate to CT system specifications. ISO 15708-2:2017 deals with computed axial tomography and excludes other types of tomography such as translational tomography and tomosynthesis.

Keel: en

Alusdokumendid: ISO/DIS 15708-2; prEN ISO 15708-2

Asendab dokumenti: EVS-EN ISO 15708-2:2019

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN ISO 15708-3](#)

Non-destructive testing - Radiation methods for computed tomography - Part 3: Operation and interpretation (ISO/DIS 15708-3:2024)

ISO 15708-3:2017 presents an outline of the operation of a computed tomography (CT) system and the interpretation of results with the aim of providing the operator with technical information to enable the selection of suitable parameters. It is applicable to industrial imaging (i.e. non-medical applications) and gives a consistent set of CT performance parameter definitions, including how those performance parameters relate to CT system specifications. ISO 15708-3:2017 deals with computed axial tomography and excludes other types of tomography such as translational tomography and tomosynthesis.

Keel: en

Alusdokumendid: ISO/DIS 15708-3; prEN ISO 15708-3

Asendab dokumenti: EVS-EN ISO 15708-3:2019

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 15708-4

Non-destructive testing - Radiation methods for computed tomography - Part 4: Qualification (ISO/DIS 15708-4:2024)

ISO 15708-4:2017 specifies guidelines for the qualification of the performance of a CT system with respect to various inspection tasks. It is applicable to industrial imaging (i.e. non-medical applications) and gives a consistent set of CT performance parameter definitions, including how those performance parameters relate to CT system specifications. ISO 15708-4:2017 deals with computed axial tomography and excludes other types of tomography such as translational tomography and tomosynthesis.

Keel: en

Alusdokumendid: ISO/DIS 15708-4; prEN ISO 15708-4

Asendab dokumenti: EVS-EN ISO 15708-4:2019

Arvamusküsitluse lõppkuupäev: 30.06.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 10378

Welded stainless steel square and rectangular tubes for mechanical, engineering and decorative use - Technical delivery conditions

This document specifies the technical delivery conditions for welded tubes, of square and rectangular cross section, made from stainless steels, for mechanical and general engineering purposes. This document does not apply to welded stainless steel hollow sections intended to be used in metal structures, composite metal structures and concrete structures in the construction sector covered by Regulation (EU) 305/2011.

Keel: en

Alusdokumendid: prEN 10378

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 10286

Gas cylinders - Vocabulary (ISO/DIS 10286:2024)

This document defines terms for gas cylinders.

Keel: en

Alusdokumendid: ISO/DIS 10286; prEN ISO 10286

Asendab dokumenti: EVS-EN ISO 10286:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

25 TOOTMISTEHNOLLOOGIA

prEN IEC 62841-2-22:2024

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-22: Particular requirements for hand-held cut-off machines

IEC 62841-1:2014, Clause 1 is applicable, except as follows: Replacement of the third paragraph: The rated voltage is not more than 250 V for single-phase a.c. or d.c. tools, and 480 V for three-phase a.c. tools. Addition: This document applies to hand-held cut-off machines fitted with – one bonded reinforced wheel of Type 41 or Type 42; or – one or more diamond cutting wheels with peripheral gaps, if any, • having no positive rake angle for flush cutters, power cutters and wall chasers; and • not exceeding 10 mm and having no positive rake angle for cut-off machines other than flush cutters, power cutters and wall chasers; and with – a rated speed not exceeding a peripheral speed of the wheel of 100 m/s at rated capacity; and – a rated capacity not exceeding 430 mm. NOTE 101 An example of a permitted diamond cutting wheel construction is shown in Figure 101. These tools are intended to cut materials such as metals, concrete, masonry, glass and tile. This document does not apply to: – cut-off machines that can be converted to a grinder, sander or polisher, which are covered by IEC 62841-2-3; – circular saws which are covered by IEC 62841-2-5; and – die grinders and small rotary tools which are covered by IEC 62841-2-23; – tools intended to cut wood, except for utility cutters; – cut-off machines fitted with a bonded reinforced wheel of Type 42 with a diameter exceeding 230 mm.

Keel: en

Alusdokumendid: 116/749/CDV; prEN IEC 62841-2-22:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 62841-2-22:2024/prAA:2024

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-22: Particular requirements for hand-held cut-off machines

Amendment to prEN IEC 62841-2-22

Keel: en

Alusdokumendid: prEN IEC 62841-2-22:2024/prAA:2024

Muudab dokumenti: prEN IEC 62841-2-22:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 14343

Welding consumables - Wire electrodes, strip electrodes, wires and rods for arc welding of stainless and heat resisting steels - Classification (ISO/DIS 14343:2024)

ISO 14343:2017 specifies requirements for classification of wire electrodes, strip electrodes, wires and rods for gas-shielded metal arc welding, gas tungsten arc welding, plasma arc welding, submerged arc welding, electroslag welding and laser beam welding of stainless and heat-resisting steels. The classification of the wire electrodes, strip electrodes, wires and rods is based upon their chemical composition. This document is a combined specification providing for classification utilizing a system based upon nominal composition (system A), or utilizing a system based upon alloy type (system B). a) Paragraphs which carry the label "classification according to nominal composition" and the suffix letter "A", or "ISO 14343-A", are applicable only to products classified according to system A; b) Paragraphs which carry the label "classification according to alloy type" and the suffix letter "B", or "ISO 14343-B", are applicable only to products classified according to system B. c) Paragraphs which carry neither label nor suffix letter are applicable to products that can be classified according to either system A or B or both.

Keel: en

Alusdokumendid: ISO/DIS 14343; prEN ISO 14343

Asendab dokumenti: EVS-EN ISO 14343:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 21952

Welding consumables - Wire electrodes, wires, rods and deposits for gas shielded arc welding of creep-resisting steels - Classification (ISO/DIS 21952:2024)

ISO 21952:2012 specifies requirements for classification of wire electrodes, wires and rods for gas shielded metal arc welding and tungsten inert-gas welding of creep-resisting steels, and for their deposits in the as-welded or post-weld heat-treated condition. One wire electrode can be tested and classified with different shielding gases. ISO 21952:2012 is a combined specification providing for classification utilizing a system based upon the chemical composition of wire electrodes, wires and rods with requirements for yield strength and average impact energy of 47 J of all-weld metal, or utilizing a system based upon the tensile strength of the all-weld metal deposits and the chemical composition of wire electrodes, wires and rods.

Keel: en

Alusdokumendid: ISO/DIS 21952; prEN ISO 21952

Asendab dokumenti: EVS-EN ISO 21952:2012

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 26304

Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels - Classification (ISO/DIS 26304:2024)

ISO 26304:2017 specifies requirements for classification of solid wire electrodes, tubular cored electrodes, and electrode-flux combinations (the all-weld metal deposits) in the as-welded condition and in the post-weld heat-treated condition for submerged arc welding of high strength steels with a minimum yield strength greater than 500 MPa or a minimum tensile strength greater than 570 MPa. One flux can be tested and classified with different electrodes. One electrode can be tested and classified with different fluxes. The solid wire electrode is also classified separately based on its chemical composition. This document is a combined specification providing for classification utilizing a system based on the yield strength and average impact energy of 47 J for the all-weld metal, or utilizing a system based on the tensile strength and average impact energy of 27 J for the all-weld metal. a) Clauses, subclauses and tables which carry the suffix letter "A" are applicable only to solid wire electrodes, tubular cored electrodes and the all-weld metal deposits classified to the system based on the yield strength and the average impact energy of 47 J for the all-weld metal obtained with electrode-flux combinations in accordance with this document. b) Clauses, subclauses and tables which carry the suffix letter "B" are applicable only to solid wire electrodes, tubular cored electrodes and the all-weld metal deposits classified to the system based on the tensile strength and the average impact energy of 27 J for the all-weld metal obtained with electrode-flux combinations in accordance with this document. c) Clauses, subclauses and tables which do not have either the suffix letter "A" or the suffix letter "B" are applicable to all solid wire electrodes, tubular cored electrodes and electrode-flux combinations classified in accordance with this document. For comparison purposes, some tables include requirements for electrodes classified in accordance with both systems, placing individual electrodes from the two systems, which are similar in composition and properties, on adjacent lines in the particular table. In a particular line of the table that is mandatory in one system, the symbol for the similar electrode from the other system is indicated in parentheses. By appropriate restriction of the formulation of a particular electrode, it is often, but not always, possible to produce an electrode that can be classified in both systems, in which case the electrode, or its packaging, can be marked with the classification in either or both systems.

Keel: en

Alusdokumendid: ISO/DIS 26304; prEN ISO 26304

Asendab dokumenti: EVS-EN ISO 26304:2018

Arvamusküsitluse lõppkuupäev: 30.06.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 12953-1

Shell boilers - Part 1: General

This document applies to shell boilers with volumes in excess of 2 l for the generation of steam and/or hot water at a maximum allowable pressure greater than 0,5 bar and with a temperature in excess of 110 °C. For the purpose of this document the following pressurized parts are included: — the shell boiler as one entity of pressure equipment including all the pressure parts from the

feedwater/hot water inlet (including the inlet valve) up to and including the steam/hot water outlet (including the outlet valve or, if there is no valve, the first circumferential weld or flange downstream of the shell boiler or if applicable the outlet header); — all superheaters, economizers and interconnecting piping; — additionally, the piping that is connected to the boiler involved in services such as draining, venting, desuperheating, etc., up to the first isolating valve or, if there is no valve, the first circumferential weld or flange downstream of the shell boiler or if applicable the outlet header/piping. This document does not apply to the following types of boilers and equipments: a) water-tube boilers; b) non stationary boilers, e.g. locomotive boilers; c) thermal oil boilers; d) boilers where the main pressure housing is made of cast material; e) pumps, gaskets, etc; f) brickwork setting and insulation, etc. NOTE 1 Further information on shell boilers is given in Annex A. NOTE 2 Stainless steel boilers are covered by EN 14222:2021.

Keel: en

Alusdokumendid: prEN 12953-1

Asendab dokumenti: EVS-EN 12953-1:2012

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 55012:2024

Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers

The limits in this International Standard are designed to provide protection in the frequency range of 30 MHz to 1 000 MHz for off-board receivers. Compliance with this document might not provide adequate protection for receivers nearer than 10 m to the vehicle, boat or device. This document applies to the emission of electromagnetic energy that can cause interference to radio reception and which is emitted from: 1) vehicles propelled by an internal combustion engine (ICE), electrical means or both (see 3.1.30); 2) boats propelled by an ICE, electrical means or both (see 3.1.4). Boats are to be tested in the same manner as vehicles except where they have unique characteristics as explicitly stated in this document; 3) devices equipped with ICE (see 3.1.8). In the case of hybrid devices (e.g. equipped with both ICE and traction batteries), only the ICE mode is included in this document; 4) inboard and outboard boat engines/ motors [i.e. equipped with ICE, electric motor (EM), or both], when marketed independently. See Annex D for a flow chart and a list of examples to help determine the applicability of CISPR 12. This document does not apply to aircraft, household appliances, medical devices, traction systems (railway engine or locomotive, streetcar or tram and electric trolley bus), vehicle / boat / device off-board chargers or to incomplete vehicles/boats/devices. In the case of a dual-mode trolley bus (e.g. propelled by power from either AC/DC mains or an ICE), the ICE propulsion system is included, but the EM propulsion portion of the vehicle is excluded from this document. In addition, domestic helper robots, such as household cleaning robots, hotel service robots and personal safety robots are also excluded from the scope of this document. NOTE 1 Other than inboard or outboard boat engines/ motors that are marketed independently, this document does not apply to components or incomplete products, such as an ICE, an incomplete vehicle/boat that has not yet been fitted with an ICE or EM, or spare parts. This document only applies to the final product, which is equipped with all necessary parts and components to be able to function as intended. NOTE 2 Appliances without ICE for typical housekeeping and service functions in the household and similar environment are covered by the requirements of CISPR 14-1. NOTE 3 Protection of receivers used on board the same vehicle as the disturbance source(s) are covered by CISPR 25. This document does not prescribe measurement methods or limits for conducted disturbances, for the charging mode of operation, where the (electric or hybrid) vehicle/boat is connected to power mains, either directly (i.e. plug-in vehicle or boat) or indirectly (i.e. wireless power charging). The user is referred to appropriate IEC and CISPR standards, which define measurement techniques and limits for this condition. NOTE 4 See IEC 61851-21-1 for road vehicles and IEC 61000-6-3, IEC 61000-6-4 and IEC 61000-6-8 for other types of vehicles or boats. The emission requirements in this document are not applicable to the intentional transmissions from a radio transmitter, as defined by the ITU-R, including their spurious emissions. Equipment that is covered by other CISPR product and product family emission standards are excluded from the scope of this standard, except where they include ICE(s). In the latter case, the equipment shall comply with this standard in all modes of operation where the ICE(s) is(are) active. NOTE 5 The other CISPR product or product family emission standard might also apply to the equipment for those modes of operation where the ICE(s) is (are) not active. In case the ICE(s) is (are) always in operation, the other CISPR product or product family emission standard might still apply, for verifying the emissions from the other components and circuitry of the equipment. Annex B and Annex C contain methods to evaluate the disturbance characteristics of high voltage ignition systems. Annex H lists work being considered for future revisions.

Keel: en

Alusdokumendid: CIS/D/498/CDV; prEN IEC 55012:2024

Asendab dokumenti: EVS-EN 55012:2008

Asendab dokumenti: EVS-EN 55012:2008/A1:2010

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 17828

Solid biofuels - Determination of bulk density (ISO/DIS 17828:2024)

This revised International Standard describes a method for determining bulk density of solid biofuels with the use of a standardized measuring container. This method is applicable to all pourable solid biofuels with a nominal top size of maximum 63 mm. while the maximum particle length is 200 mm. For fuels with a nominal top size larger than 63 mm, a different method is described. Note: The scope has been changed from the previous version

Keel: en

Alusdokumendid: ISO/DIS 17828; prEN ISO 17828

Asendab dokumenti: EVS-EN ISO 17828:2015

Arvamusküsitluse lõppkuupäev: 30.06.2024

EN 50122-1:2022/prA1:2024**Fixed installations for railway applications - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock**

This document specifies requirements for the protective provisions relating to electrical safety in fixed installations associated with AC and/or DC traction systems and to any installations that can be endangered by the electric traction power supply system. This also includes requirements applicable to vehicles on electrified lines. It also applies to all aspects of fixed installations which are necessary to ensure electrical safety during maintenance work within electric traction power supply systems. This document applies to new electric traction power supply systems and major revisions to electric traction power supply systems for: a) railways; b) guided mass transport systems such as 1) tramways, 2) elevated and underground railways, 3) mountain railways, 4) trolleybus systems, 5) electric traction power supply systems for road vehicles, which use an overhead contact line system, and 6) magnetically levitated systems, which use a contact line system; c) material transportation systems. This document does not apply to: a) electric traction power supply systems in underground mines, b) cranes, transportable platforms and similar transportation equipment on rails, temporary structures (e.g. exhibition structures) in so far as these are not supplied directly or via transformers from the contact line system and are not endangered by the electric traction power supply system, c) suspended cable cars, d) funicular railways, e) existing vehicles. This document does not specify working rules for maintenance. The requirements within this document related to protection against electric shock are applicable to persons only.

Keel: en

Alusdokumendid: EN 50122-1:2022/prA1:2024

Muudab dokumenti: EVS-EN 50122-1:2022

Arvamusküsitluse lõppkuupäev: 30.06.2024

EN 50122-2:2022/prA1:2024**Fixed installations for railway applications - Electrical safety, earthing and the return circuit - Part 2: Provisions against the effects of stray currents caused by DC traction systems**

This document specifies requirements for protective provisions against the effects of stray currents, which result from the operation of DC electric traction power supply systems. As several decades' experience has not shown evident corrosion effects from AC electric traction power supply systems, this document only deals with stray currents flowing from a DC electric traction power supply system. This document applies to all metallic fixed installations which form part of the traction system, and also to any other metallic components located in any position in the earth, which can carry stray currents resulting from the operation of the railway system. This document applies to all new DC lines and to all major revisions to existing DC lines. The principles can also be applied to existing electrified transportation systems where it is necessary to consider the effects of stray currents. This document does not specify working rules for maintenance but provides design requirements to allow maintenance. The range of application includes: a) railways, b) guided mass transport systems such as: 1) tramways, 2) elevated and underground railways, 3) mountain railways, 4) magnetically levitated systems, which use a contact line system, and 5) trolleybus systems, c) material transportation systems. This document does not apply to a) electric traction power supply systems in underground mines, b) cranes, transportable platforms and similar transportation equipment on rails, temporary structures (e.g. exhibition structures) in so far as these are not supplied directly from the contact line system and are not endangered by the electric traction power supply system, c) suspended cable cars, d) funicular railways.

Keel: en

Alusdokumendid: EN 50122-2:2022/prA1:2024

Muudab dokumenti: EVS-EN 50122-2:2022

Arvamusküsitluse lõppkuupäev: 30.06.2024

EN 50122-3:2022/prA1:2024**Fixed installations for railway applications - Electrical safety, earthing and the return circuit - Part 3: Mutual Interaction of AC and DC traction systems**

This document specifies requirements for the protective provisions relating to electrical safety in fixed installations, when it is reasonably likely that hazardous voltages or currents will arise for people or equipment, as a result of the mutual interaction of AC and DC electric power supply traction systems. It also applies to all aspects of fixed installations that are necessary to ensure electrical safety during maintenance work within electric power supply traction systems. The mutual interaction can be of any of the following kinds: - parallel running of AC and DC electric traction power supply systems; - crossing of AC and DC electric traction power supply systems; - shared use of tracks, buildings or other structures; - system separation sections between AC and DC electric traction power supply systems. The scope is limited to galvanic, inductive and capacitive coupling of the fundamental frequency voltages and currents and their superposition. This document applies to all new lines, extensions and to all major revisions to existing lines for the following electric traction power supply systems: a) railways; b) guided mass transport systems such as: 1) tramways, 2) elevated and underground railways, 3) mountain railways, 4) magnetically levitated systems, which use a contact line system, 5) trolleybus systems, and 6) electric traction power supply systems for road vehicles, which use an overhead contact line system; c) material transportation systems. The document does not apply to: a) electric traction power supply systems in underground mines; b) cranes, transportable platforms and similar transportation equipment on rails, temporary structures (e.g. exhibition structures) in so far as these are not supplied directly or via transformers from the contact line system and are not endangered by the electric traction power supply system for railways; c) suspended cable cars; d) funicular railways; e) procedures or rules for maintenance. The rules given in this document can also be applied to mutual interaction with non-electrified tracks, if hazardous voltages or currents can arise from AC or DC electric traction power supply systems.

Keel: en

Alusdokumendid: EN 50122-3:2022/prA1:2024

Muudab dokumenti: EVS-EN 50122-3:2022

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 50317:2024

Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

This document specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line.

Keel: en

Alusdokumendid: prEN 50317:2024

Asendab dokumenti: EVS-EN 50317:2012

Asendab dokumenti: EVS-EN 50317:2012/A1:2022

Asendab dokumenti: EVS-EN 50317:2012+A1:2022

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 60068-2-78:2024

Environmental testing - Part 2-78: Tests - Test cab: Damp heat, steady state

This document establishes a test method for determining the ability of components or equipment to withstand transportation, storage and use under conditions of high humidity. The object of this standard is to investigate the effect of high humidity at constant temperature without condensation on a specimen over a prescribed period. It is applicable to small equipment or components as well as large equipment and can be applied to both heat-dissipating and non-heat-dissipating specimens.

Keel: en

Alusdokumendid: 104/1049/CDV; prEN IEC 60068-2-78:2024

Asendab dokumenti: EVS-EN 60068-2-78:2013

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 60205:2024

Calculation of the effective parameters of magnetic piece parts

This document specifies uniform rules for the calculation of the effective parameters of closed circuits of ferromagnetic material.

Keel: en

Alusdokumendid: 51/1486/CDV; prEN IEC 60205:2024

Asendab dokumenti: EVS-EN 60205:2017

Asendab dokumenti: EVS-EN 60205:2017/AC:2018

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 62031:2024

LED modules - Safety requirements

This document specifies safety requirements for LED modules for operation at supply of a DC supply of up to 1 500 V or an AC supply up to 1 000 V. This document does not include requirements for performance characteristics of LED light sources. NOTE 1 LED light sources as defined in IEC 60050-845:2020, 845-27-053 can take the form of an LED module or an LED lamp. This document does not apply to: – LED packages; – LED light sources for automotive lighting; – OLED light sources; NOTE 2 Independent LED modules (see IEC 60050, 845-27-064) are considered luminaires with integral LED module(s) and are covered by the IEC 60598 series. NOTE 3 LED modules that are an integral component of the luminaire are covered by the requirements within IEC 60598-1:XXXX, Clause 4.3.1, referencing this document as far as applicable. NOTE 4 Where the word "LED module" is used in this document, it is understood to be "built-in LED module" as defined in IEC 60050-845:2020, 845-27-062."

Keel: en

Alusdokumendid: 34A/2390/CDV; prEN IEC 62031:2024

Asendab dokumenti: EVS-EN IEC 62031:2020

Asendab dokumenti: EVS-EN IEC 62031:2020/A11:2021

Asendab dokumenti: EVS-EN IEC 62031:2020+A11:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 63395:2024

Sustainable management of waste electrical and electronic equipment (e-waste) - Proposed horizontal publication

This document specifies requirements and provides guidance for the sustainable management of waste electrical and electronic equipment (e-waste) from collection to returning recovered products, components or materials to the value chain. The document is intended for use by an organization involved in e-waste management seeking to manage its responsibilities in a systematic manner. The requirements set by this international standard will help an organization to achieve sustainability outcomes within the context of e-waste management, including • enhancement of sustainability performance and achievement of sustainability objectives; • fulfilment of compliance obligations. The document is applicable to any organization, regardless of size, type and nature. The document applies to the environmental and human health and safety aspects of e-waste management activities, that the organization determines it can either control or influence, considering a lifecycle perspective. Note: Social aspects e.g. employment creation, conflict minerals, employment conditions are not addressed directly but indirectly through the benefits of sustainable management of e-waste.

Keel: en

Alusdokumendid: 111/750/CDV; prEN IEC 63395:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 63522-0:2024](#)

Electrical relays - Tests and Measurements - Part 0: General and Guidance

This document includes a series of methods for testing along with their appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. This part of IEC 63522 series specifies the general condition conditions to be applied for all testing if not otherwise specified and provide general guidance to be used in conjunction with all other IEC 63522 parts.

Keel: en

Alusdokumendid: 94/990/CDV; prEN IEC 63522-0:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 63522-33:2024](#)

Electrical relays - Tests and Measurements - Part 33: Continuity of protective earth connection

This part of IEC 63522 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. It provides test methods to ensure that the connection between an earth terminal and parts required to be connected thereto is of low resistance.

Keel: en

Alusdokumendid: 94/983/CDV; prEN IEC 63522-33:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 63522-34:2024](#)

Electrical relays - Testing and measurement - Part 34: Fluid contamination

This part of IEC 63522 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. It provides tests to ensure that a relay is suitable for use when subjected to contamination by fluids found in aerospace applications and similar. This test applies to RT III to RT V relays only.

Keel: en

Alusdokumendid: 94/984/CDV; prEN IEC 63522-34:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 63554:2024](#)

LED lamps - Safety requirements

This document specifies safety requirements for LED lamps for operation at supply of a DC supply of up to 1 500 V or an AC supply up to 1 000 V. This document does not include requirements for performance characteristics of LED light sources. NOTE LED light sources as defined in IEC 60050-845:2020, 845-27-053 can take the form of an LED module or an LED lamp. LED lamp is defined in IEC 60050-845:2020, 845-27-054. This document does not apply to: – LED packages; – LED light sources for automotive lighting; – OLED light sources; This document is only applicable to the product categories listed in Table 1.

Keel: en

Alusdokumendid: 34A/2394/CDV; prEN IEC 63554:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

[prEN IEC 63555:2024](#)

LED light sources - Performance requirements

This document specifies performance requirements for LED light sources connected to a DC supply of up to 1 500 V or an AC supply of up to 1 000 V. This document specifies requirements and test methods for electrical, photometric, colorimetric and dimensional characteristics. NOTE 1 LED light sources as defined in IEC 845-27-053 can take the form of an LED module or an LED lamp. This document covers LED light sources that produce light with a correlated colour temperature typically between 2 200 and 6 500 K, based on inorganic LED technology. NOTE 2 Correlated colour temperature is a quantity used to describe the chromaticity appearance of a light source emitting white light. NOTE 3 The scope is not limiting for values outside the mentioned CCT range. Therefore, the addition of the word “typically” is important. The CCT preferred values used in this document are specified in Annex C. NOTE 4 See the definition of correlated colour temperature in IEC 60050-845:2020, 845-23-068. The requirements of this document relate only to type testing. This document does not apply to: – LED packages; – LED light sources for automotive lighting; – LED light sources for horticultural lighting; – OLED light sources. NOTE 5 Independent LED modules (see IEC 60050, 845-27-064) are considered as luminaires and will be covered by a future revision of IEC 62722-2-1: Luminaire performance - Part 2-1: Particular requirements - LED luminaires. The lifetime of LED light sources is in most cases much longer than the practical test times. Consequently, verification of manufacturer's lifetime claims cannot be made in a sufficiently confident way because projecting test data further in time is not fully reliable. For that reason the acceptance or rejection of a manufacturer's lifetime claim is out of the scope of this document.

Keel: en

Alusdokumendid: 34A/2395/CDV; prEN IEC 63555:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 62031:2024**LED modules - Safety requirements**

This document specifies safety requirements for LED modules for operation at supply of a DC supply of up to 1 500 V or an AC supply up to 1 000 V. This document does not include requirements for performance characteristics of LED light sources. NOTE 1 LED light sources as defined in IEC 60050-845:2020, 845-27-053 can take the form of an LED module or an LED lamp. This document does not apply to: – LED packages; – LED light sources for automotive lighting; – OLED light sources; NOTE 2 Independent LED modules (see IEC 60050, 845-27-064) are considered luminaires with integral LED module(s) and are covered by the IEC 60598 series. NOTE 3 LED modules that are an integral component of the luminaire are covered by the requirements within IEC 60598-1:XXXX, Clause 4.3.1, referencing this document as far as applicable. NOTE 4 Where the word "LED module" is used in this document, it is understood to be "built-in LED module" as defined in IEC 60050-845:2020, 845-27-062."

Keel: en

Alusdokumendid: 34A/2390/CDV; prEN IEC 62031:2024

Asendab dokumenti: EVS-EN IEC 62031:2020

Asendab dokumenti: EVS-EN IEC 62031:2020/A11:2021

Asendab dokumenti: EVS-EN IEC 62031:2020+A11:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 63378-3:2024**Thermal standardization on semiconductor packages - Part 3: Thermal circuit simulation models of discrete semiconductor packages for transient analysis**

This part of IEC 63378 specifies the thermal circuit network model of discrete (TO-243, TO-252 and TO-263) packages, which is used in the transient analysis of electronic devices to estimate precise junction temperatures without experimental verification. This model is assumed to be made and provided by semiconductor suppliers and to be used by assembly makers of electronic devices.

Keel: en

Alusdokumendid: 47D/967/CDV; prEN IEC 63378-3:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 319 132-1 V1.3.0**Electronic Signatures and Trust Infrastructures (ESI); XAdES digital signatures; Part 1: Building blocks and XAdES baseline signature**

The present document specifies XAdES digital signatures. XAdES signatures build on XML digital signatures [<https://www.w3.org/TR/xmldsig-core1/>], by incorporation of signed and unsigned qualifying properties, which fulfil certain common requirements (such as the long term validity of digital signatures, for instance) in a number of use cases. The present document specifies XML Schema definitions for the aforementioned qualifying properties as well as mechanisms for incorporating them into XAdES signatures. The present document specifies formats for XAdES baseline signatures, which provide the basic features necessary for a wide range of business and governmental use cases for electronic procedures and communications to be applicable to a wide range of communities when there is a clear need for interoperability of digital signatures used in electronic documents. The present document defines four levels of XAdES baseline signatures addressing incremental requirements to maintain the validity of the signatures over the long term, in a way that a certain level always addresses all the requirements addressed at levels that are below it. Each level requires the presence of certain XAdES qualifying properties, suitably profiled for reducing the optionality as much as possible. Procedures for creation, augmentation, and validation of XAdES digital signatures are out of scope and specified in ETSI EN 319 102-1. Guidance on creation, augmentation and validation of XAdES digital signatures including the usage of the different properties defined in the present document is provided in ETSI TR 119 100. The present document aims at supporting electronic signatures in different regulatory frameworks. NOTE: Specifically but not exclusively, XAdES digital signatures specified in the present document aim at supporting electronic signatures, advanced electronic signatures, qualified electronic signatures, electronic seals, advanced electronic seals, and qualified electronic seals as per Regulation (EU) No 910/2014.

Keel: en

Alusdokumendid: Draft ETSI EN 319 132-1 V1.3.0

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 55012:2024**Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers**

The limits in this International Standard are designed to provide protection in the frequency range of 30 MHz to 1 000 MHz for off-board receivers. Compliance with this document might not provide adequate protection for receivers nearer than 10 m to the vehicle, boat or device. This document applies to the emission of electromagnetic energy that can cause interference to radio reception and which is emitted from: 1) vehicles propelled by an internal combustion engine (ICE), electrical means or both (see 3.1.30); 2) boats propelled by an ICE, electrical means or both (see 3.1.4). Boats are to be tested in the same manner as vehicles except where they have unique characteristics as explicitly stated in this document; 3) devices equipped with ICE (see 3.1.8). In the case of hybrid devices (e.g. equipped with both ICE and traction batteries), only the ICE mode is included in this document;

4) inboard and outboard boat engines/ motors [i.e. equipped with ICE, electric motor (EM), or both], when marketed independently. See Annex D for a flow chart and a list of examples to help determine the applicability of CISPR 12. This document does not apply to aircraft, household appliances, medical devices, traction systems (railway engine or locomotive, streetcar or tram and electric trolley bus), vehicle / boat / device off-board chargers or to incomplete vehicles/boats/devices. In the case of a dual-mode trolley bus (e.g. propelled by power from either AC/DC mains or an ICE), the ICE propulsion system is included, but the EM propulsion portion of the vehicle is excluded from this document. In addition, domestic helper robots, such as household cleaning robots, hotel service robots and personal safety robots are also excluded from the scope of this document. NOTE 1 Other than inboard or outboard boat engines/ motors that are marketed independently, this document does not apply to components or incomplete products, such as an ICE, an incomplete vehicle/boat that has not yet been fitted with an ICE or EM, or spare parts. This document only applies to the final product, which is equipped with all necessary parts and components to be able to function as intended. NOTE 2 Appliances without ICE for typical housekeeping and service functions in the household and similar environment are covered by the requirements of CISPR 14-1. NOTE 3 Protection of receivers used on board the same vehicle as the disturbance source(s) are covered by CISPR 25. This document does not prescribe measurement methods or limits for conducted disturbances, for the charging mode of operation, where the (electric or hybrid) vehicle/boat is connected to power mains, either directly (i.e. plug-in vehicle or boat) or indirectly (i.e. wireless power charging). The user is referred to appropriate IEC and CISPR standards, which define measurement techniques and limits for this condition. NOTE 4 See IEC 61851-21-1 for road vehicles and IEC 61000-6-3, IEC 61000-6-4 and IEC 61000-6-8 for other types of vehicles or boats. The emission requirements in this document are not applicable to the intentional transmissions from a radio transmitter, as defined by the ITU-R, including their spurious emissions. Equipment that is covered by other CISPR product and product family emission standards are excluded from the scope of this standard, except where they include ICE(s). In the latter case, the equipment shall comply with this standard in all modes of operation where the ICE(s) is(are) active. NOTE 5 The other CISPR product or product family emission standard might also apply to the equipment for those modes of operation where the ICE(s) is (are) not active. In case the ICE(s) is (are) always in operation, the other CISPR product or product family emission standard might still apply, for verifying the emissions from the other components and circuitry of the equipment. Annex B and Annex C contain methods to evaluate the disturbance characteristics of high voltage ignition systems. Annex H lists work being considered for future revisions.

Keel: en

Alusdokumendid: CIS/D/498/CDV; prEN IEC 55012:2024

Asendab dokumenti: EVS-EN 55012:2008

Asendab dokumenti: EVS-EN 55012:2008/A1:2010

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 61300-3-3:2024

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss

This part of IEC 61300 describes the procedure to monitor changes in attenuation and/or return loss of a component, an interconnecting device, a fibre management system, or a protective housing, when subjected to an environmental or mechanical test. Such a procedure is commonly referred to as active monitoring. The procedure to monitor temporary changes (generally faster) during disruptive events is given in IEC 61300-3-28. The procedure can be applied to measurements on single samples or to simultaneous measurements on multiple samples, both at single wavelengths and multiple wavelengths, by using branching devices and/or switches as appropriate.

Keel: en

Alusdokumendid: prEN IEC 61300-3-3:2024; IEC 61300-3-3 ED4 (86B/4885/CDV) (EQV)

Asendab dokumenti: EVS-EN 61300-3-3:2009

Arvamusküsitluse lõppkuupäev: 31.05.2024

35 INFOTEHNOLOOGIA

prEN ISO 11073-10700

Health informatics - Device interoperability - Part 10700: Point-of-Care Medical Device Communication - Standard for Base Requirements for Participants in a Service-Oriented Device Connectivity (SDC) System (ISO/IEEE FDIS 11073-10700:2024)

This standard specifies the base set of Participant Key Purposes (PKPs) for the Service-oriented Device Connectivity (SDC) series of standards. PKPs are role-based sets of requirements for products in order to support safe, effective, and secure interoperability in medical IT networks at point-of-care environments such as the intensive care unit (ICU), operating room (OR) or other acute care settings. This standard specifies both product development process and technical requirements.

Keel: en

Alusdokumendid: ISO/IEEE FDIS 11073-10700; prEN ISO 11073-10700

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 19152-2

Geographic information - Land Administration Domain Model (LADM) - Part 2: Land registration (ISO/DIS 19152-2:2024)

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. International law, constitutional law, public law and private law define different geographical spaces that juxtapose or overlap each other to produce a complex legal reality. Harmonizing and integrating the activities related to management of these

legal spaces is the overarching idea of the land administration paradigm. Even if they differ in their objectives and normative sources, objects created by geo-regulation share basic components. This part of ISO 19152 defines a general schema that permits regulatory information to be described in information systems. Essentially, legal actors – individuals, organizations, States – (party) create among themselves sets of obligations (rights, restrictions, responsibilities) with the specificity of having a geographical component (spatial unit). The way the legal spaces related to reality is defined by the survey system (survey and representation). All these elements are recognized through legal instruments and official documents (source). The first edition of this standard, ISO 19152:2012 concentrated on Land Administration, Land Registration and Cadastre. This information is about the relationship between people and land. This is now included in Part 2 with a more refined survey model. This part of the standard provides an abstract, conceptual model with three packages and one sub-package related to • parties (people and organizations); • basic administrative units, rights, responsibilities, and restrictions (ownership rights) -2); • spatial units (parcels, and the legal space of buildings and utility networks and other geometry) with a sub-package on surveying and spatial representation (geometry and topology).

Keel: en

Alusdokumendid: ISO/DIS 19152-2; prEN ISO 19152-2

Asendab dokumenti: EVS-EN ISO 19152:2012

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 9241-161

Ergonomics of human-system interaction - Part 161: Guidance on visual user-interface elements (ISO/DIS 9241-161:2024)

ISO 9241-161:2016 describes visual user-interface elements presented by software and provides requirements and recommendations on when and how to use them. This part of ISO 9241 is concerned with software components of interactive systems to make human-system interaction usable as far as the basic interaction aspects are concerned. ISO 9241-161:2016 provides a comprehensive list of generic visual user-interface elements, regardless of a specific input method, visualization, and platform or implementation technology. The guidance given in this part of ISO 9241 is intended to be used in conjunction with ISO 9241 guidance on dialogue techniques. It recognizes that additional elements can evolve. It also addresses derivatives, compositions (assemblies) and states of user-interface elements. It gives requirements and recommendations on selection, usage and dependencies of user-interface elements and their application. It is applicable regardless of a fixed, portable or mobile interactive system. It does not provide detailed coverage of the methods and techniques required for design of user-interface elements. This part of ISO 9241 does not address implementation (e.g. graphical design of elements) and interaction details for specific input methods or technologies. It does not cover decorative user-interface elements that are intended to address solely aesthetic (hedonic) qualities in the user interface, e.g. background images. The information in this part of ISO 9241 is intended for use by those responsible for the selection and implementation of visual user-interface elements in interactive systems and for evaluating user interfaces. It is intended for use by those planning and managing platform specific aspects of user interface screen design. It also provides guidance for human factors/ergonomics and usability professionals involved in human-centred design. It addresses technical issues only to the extent necessary to allow users of this part of ISO 9241 to understand the relevance and importance of a consistent interface element usage and selection in the design process as a whole. Annex A provides a guide to selection of different visual user interface elements depending of their appropriate application.

Keel: en

Alusdokumendid: ISO/DIS 9241-161; prEN ISO 9241-161

Asendab dokumenti: EVS-EN ISO 9241-161:2016

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO/IEC 12792

Information technology - Artificial intelligence - Transparency taxonomy of AI systems (ISO/IEC DIS 12792:2024)

This document defines a taxonomy of information elements to assist AI stakeholders with identifying and addressing the needs for transparency of AI systems. The document describes the semantics of the information elements and their relevance to the various objectives of different AI stakeholders. This document uses a horizontal approach and is applicable to any kind of organization and application involving AI.

Keel: en

Alusdokumendid: ISO/IEC DIS 12792; prEN ISO/IEC 12792

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO/IEEE 11073-10471

Health informatics - Device interoperability - Part 10471: Personal Health Device Communication - Device Specialization - Independent Living Activity Hub (ISO/IEEE FDIS 11073-10471:2024)

ISO/IEEE 11073-10471:2010 establishes a normative definition of the communication between independent living activity hubs and managers (e.g., cell phones, personal computers, personal health appliances and set top boxes) in a manner that enables plug-and-play (PnP) interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology and information models. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting ambiguity in base frameworks in favour of interoperability. ISO/IEEE 11073-10471:2010 defines a common core of communication functionality for independent living activity hubs. In this context, independent living activity hubs are defined as devices that communicate with simple situation monitors (binary sensors), normalize information received from the simple environmental monitors, and provide this normalized information to one or more managers. This information can be examined (for example) to determine when a person's activities/behaviour have deviated significantly from what is normal for them such that relevant parties can be notified. Independent living activity hubs will normalize information from the following simple situation monitors (binary

sensors) for the initial release of the proposed standard: fall sensor, motion sensor, door sensor, bed/chair occupancy sensor, light switch sensor, smoke sensor, (ambient) temperature threshold sensor, personal emergency response system (PERS), and enuresis sensor (bed-wetting). ISO/IEEE 11073-10471:2010 addresses a need for an openly defined, independent standard for controlling information exchange to and from personal health devices and managers

Keel: en

Alusdokumendid: ISO/IEEE FDIS 11073-10471; prEN ISO/IEEE 11073-10471

Asendab dokumenti: EVS-EN ISO 11073-10471:2011

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO/IEEE 11073-10472

Health informatics - Device interoperability - Part 10472: Personal Health Device Communication - Device Specialization - Medication Monitor (ISO/IEEE FDIS 11073-10472:2024)

Within the context of the ISO/IEEE 11073 family of standards for device communication, ISO/IEEE 11073-10472:2012 establishes a normative definition of communication between personal telehealth medication monitor devices and compute engines (e.g. cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. ISO/IEEE 11073-10472:2012 defines a common core of communication functionality for personal telehealth medication monitor devices.

Keel: en

Alusdokumendid: ISO/IEEE FDIS 11073-10472; prEN ISO/IEEE 11073-10472

Asendab dokumenti: EVS-EN ISO 11073-10472:2012

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO/IEEE 11073-10701

Health informatics - Device interoperability - Part 10701: Point-of-Care Medical Device Communication - Metric Provisioning by Participants in a Service-Oriented Device Connectivity (SDC) System (ISO/IEEE FDIS 11073-10701:2024)

This standard specifies a set of Participant Key Purposes (PKPs) pertaining to metric data exchange for the Service-oriented Device Connectivity (SDC) series of standards. PKPs are role-based sets of requirements for products in order to support safe, effective, and secure interoperability in medical IT networks at point-of-care environments such as the intensive care unit (ICU), operating room (OR) or other acute care settings. This standard specifies both product development process and technical requirements.

Keel: en

Alusdokumendid: ISO/IEEE FDIS 11073-10701; prEN ISO/IEEE 11073-10701

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO/IEEE 110736-10425

Health informatics - Device interoperability - Part 10425: Personal Health Device Communication - Device Specialization- Continuous Glucose Monitor (CGM) (ISO/IEEE FDIS 11073-10425:2024)

This standard establishes a normative definition of communication between personal health continuous glucose monitor (CGM) devices (agents) and managers (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages work done in other ISO/IEEE 11073 standards including existing terminology, information profiles, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments, restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality of CGM devices. In this context, CGM refers to the measurement of the level of glucose in the body on a regular (typically 5 minute) basis through a sensor continuously attached to the person.

Keel: en

Alusdokumendid: ISO/IEEE FDIS 11073-10425; prEN ISO/IEEE 110736-10425

Asendab dokumenti: EVS-EN ISO 11073-10425:2019

Arvamusküsitluse lõppkuupäev: 30.06.2024

43 MAANTEESÕIDUKITE EHITUS

EN 12252:2022/prA1

LPG equipment and accessories - Equipping of LPG road tankers

This document specifies equipment and accessories for road tankers used for the transport of Liquefied Petroleum Gas (LPG) and identifies the equipment that is considered necessary to ensure that filling, transportation and discharge operations can be carried out safely. It specifies the requirements for the assembly of the accessories and the vehicle LPG equipment to the road tanker. This document also identifies additional equipment and accessories that can be used on road tankers carrying LPG. This document does not preclude the use of alternative designs, materials and equipment testing which provide the same or a higher level of safety. ADR [9] requires that such alternative technical codes be recognized by the competent authority, provided that the minimum requirements of section 6.8.2 of ADR [9] are complied with. This document does not apply to "tank-containers" or "battery-vehicles" used for the transport of LPG.

Keel: en

Alusdokumendid: EN 12252:2022/prA1

Muudab dokumenti: EVS-EN 12252:2022

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 1645-1

Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety

This document specifies requirements intended to ensure the safety and health of people when they use caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. Requirements applicable to road safety are not included in the scope of this document. This document is applicable exclusively to rigid and rigid folding caravans as defined in EN 13878.

Keel: en

Alusdokumendid: prEN 1645-1

Asendab dokumenti: EVS-EN 1645-1:2018

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 1646-1

Leisure accommodation vehicles - Motor caravans - Part 1: Habitation requirements relating to health and safety

This document specifies requirements intended to ensure the safety and health of persons when they use motor caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. Specific requirements of this document apply to motor caravans where the overall length multiplied by the overall width does not exceed 13,5 m² plan area. Requirements applicable to road safety are not included in the scope of this document. This document is applicable exclusively to motor caravans as defined in EN 13878.

Keel: en

Alusdokumendid: prEN 1646-1

Asendab dokumenti: EVS-EN 1646-1:2018

Arvamusküsitluse lõppkuupäev: 30.06.2024

45 RAUDTEETEHNIKA

prEN 50317:2024

Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

This document specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line.

Keel: en

Alusdokumendid: prEN 50317:2024

Asendab dokumenti: EVS-EN 50317:2012

Asendab dokumenti: EVS-EN 50317:2012/A1:2022

Asendab dokumenti: EVS-EN 50317:2012+A1:2022

Arvamusküsitluse lõppkuupäev: 30.06.2024

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 23625

Small craft - Lithium-ion batteries (ISO/DIS 23625:2024)

This document provides requirements and recommendations for the selection and installation of lithium-ion batteries for boats. It applies to lithium-ion batteries and to battery systems with a capacity greater than 600 Wh, installed on small craft for providing power for general electrical loads and/or to electric propulsion systems. It is primarily intended for manufacturers and battery installers.

Keel: en

Alusdokumendid: ISO/DIS 23625; prEN ISO 23625

Asendab dokumenti: CEN ISO/TS 23625:2022

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 2267-002**Aerospace series - Cables, electrical, for general purpose - Operating temperatures between -55 °C and 260 °C - Part 002: General**

This document specifies the list of product standards and common characteristics of electrical cables for use in the on-board electrical systems of aircraft at operating temperatures between -55 °C and 260 °C (except otherwise specified in product standards).

Keel: en

Alusdokumendid: prEN 2267-002

Asendab dokumenti: EVS-EN 2267-002:2015

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 2714-013**Aerospace series - Cables, electrical, single and multicore for general purpose - Operating temperatures between -55 °C and 260 °C - Part 013: DR family, screened (spiral) and jacketed, UV laser printable - Product standard**

This document specifies the characteristics of UV laser printable DR family, single and multicore screened (spiral) and jacketed electrical lightweight cables for use in the on-board electrical systems of aircraft, at operating temperatures between -55 °C and 260 °C. Nevertheless, if needed, -65 °C is also acceptable as shown by cold test. It is also possible to mark these cables by qualified compatible marking. These markings satisfy the requirements of EN 3838.

Keel: en

Alusdokumendid: prEN 2714-013

Asendab dokumenti: EVS-EN 2714-013:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 3475-404**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 404 : Thermal shock**

This document specifies a method of evaluating the performance of a cable after exposure to a thermal shock. It is intended to be used together with EN 3475-100.

Keel: en

Alusdokumendid: prEN 3475-404

Asendab dokumenti: EVS-EN 3475-404:2002

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 3687**Aerospace series - Bolts, normal hexagon head, relieved shank, long thread, in heat resisting steel FE-PA2601 (A286), silver plated - Classification: 1 100 MPa/650 °C**

This document specifies the characteristics of silver-plated Bolts normal Hexagon Head with relieved shank and long thread, in heat resisting steel FE-PA92HT (A286), tensile strength class 1 100 MPa at room temperature. The maximum test temperature of the material is 650 °C.

Keel: en

Alusdokumendid: prEN 3687

Asendab dokumenti: EVS-EN 3687:2011

Asendab dokumenti: EVS-EN 3687:2011/AC:2011

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 4855-01**Aerospace series - ECO efficiency of catering equipment - Part 01: General conditions**

This document specifies the test procedures and calculations to determine the ECO efficiency of the following catering equipment installed in an aircraft: - chilling equipment (with and without freeze function); - ovens (steam and convection ovens); - beverage makers (coffee maker, water heater); - trash compactors (single and double bin); - espresso makers (grain, powder, pad and capsule based). Based on the results it will be possible to derive the energy consumption index and a performance index of the considered equipment type. The two index values represent the ECO efficiency.

Keel: en

Alusdokumendid: prEN 4855-01

Asendab dokumenti: EVS-EN 4855-01:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 4855-03

Aerospace series - ECO efficiency of catering equipment - Part 03: Chilling equipment

This document specifies a test procedure to identify performance characteristics and a weight rating of a galley chilling equipment used on aircraft. Furthermore it specifies the calculation procedure to determine an energy consumption index and a performance index. The effect of the chilling equipment on food quality is not addressed in this document.

Keel: en

Alusdokumendid: prEN 4855-03

Asendab dokumenti: EVS-EN 4855-03:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 4855-04

Aerospace series - ECO efficiency of catering equipment - Part 04: Beverage makers

This document specifies a test procedure to identify performance characteristics and a weight rating of beverage maker products used on aircraft. Furthermore it specifies the calculation procedure to determine an energy consumption index and a performance index. The effect of the beverage makers on beverage quality is not addressed in this document.

Keel: en

Alusdokumendid: prEN 4855-04

Asendab dokumenti: EVS-EN 4855-04:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 4855-05

Aerospace series - ECO efficiency of catering equipment - Part 05: Trash compactor

This document specifies a test procedure to identify performance characteristics and trash volume capacity rating of trash compactors used on a commercial aircraft. Furthermore it specifies the calculation procedure to determine an energy efficiency index.

Keel: en

Alusdokumendid: prEN 4855-05

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 4855-06

Aerospace series - ECO efficiency of catering equipment - Part 06: Espresso maker

This document specifies a test procedure to identify performance characteristics and a weight rating for espresso makers used on a commercial aircraft. Furthermore it specifies the calculation procedure to determine an energy efficiency index. The effect of the espresso makers on espresso quality is not addressed in this document.

Keel: en

Alusdokumendid: prEN 4855-06

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 9227-1

Aerospace series - Programme management - Guide to dependability and safety control

The success of a programme depends on optimizing the compromise between the expected technical and operational performance of the products, the cost of these products and the lead-time to realize them. In this context, products dependability and safety control is a key activity which cannot be separated from other product performance control or programme management. This document is thus one of the documents supporting EN 9200 concerning the programme management specification. The purpose of this document is to provide customers and their suppliers with a document specifying the notions of "construction" and "management" of product dependability and safety (RAMS). It offers programme directors and project managers information likely to help them: - determine the tasks to be performed and the application procedures, according to the specific nature of the programme and its goals; - define and implement the provisions necessary for performing these tasks; - within programme execution, situate the various tasks involved in constructing and managing the RAMS of a product. This document applies to all programmes that involve customer/supplier relation. RAMS management concerns not only all the products covered by these programmes, but also the components of these products and the production and support resources and processes to be implemented. The provisions of this document can be negotiated at all levels between the parties directly concerned by a given programme. This implies, on the part of the ordering parties, that each lower level is provided with the information needed to perform the tasks and meet the specified targets. This also implies, on the part of suppliers, an escalation of information pertaining to the RAMS results of the products for which they are responsible. This document is mainly concerned with the technical aspects, aspects of a legislative (in particular safety at work and regulatory conformity) and confidential nature are not dealt with in this document.

Keel: en

Alusdokumendid: prEN 9227-1

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 9227-2

Aerospace series - Programme management - Guide for reliability control

The purpose of this document is to provide customers and their suppliers with a document specifying the notions of product reliability "construction" and "management". It offers programme directors and project managers information likely to help them: - to determine the tasks to be performed and the application procedures, according to the specific nature of the programme and its goals; - to define and implement the provisions necessary for performing these tasks; - within programme execution, to situate the various tasks involved in constructing and managing the reliability of a product. This document applies to all programmes (in particular aeronautical, space and armament programmes). These reliability construction procedures concern not only all the products and its constituents covered by these programmes, but also the means and manufacturing processes to be implemented for their realization. The provisions of this document can be negotiated at all levels between the parties directly concerned by a given programme. This implies, on the part of the customer, that each lower level is provided with the information necessary to perform tasks and meet the specified targets.

Keel: en

Alusdokumendid: prEN 9227-2

Arvamusküsitluse lõppkuupäev: 30.06.2024

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 13001-3-5

Cranes - General design - Part 3-5: Limit states and proof of competence of forged and cast hooks

This document covers the following parts of hooks and types of hooks: - bodies of any type of hooks made of steel forgings or steel castings, including stainless steel; - machined shanks of hooks with a thread/nut suspension. Plate hooks, which are those assembled of one or several parallel parts of rolled steel plates, are not covered. The following is a list of significant hazardous situations and hazardous events that could result in risks to persons during normal use and foreseeable misuse. Clauses 4 to 8 of this document are intended to reduce or eliminate the risks associated with the following hazards: a) exceeding the limits of yield strength, ultimate strength, fatigue strength, brittle fracture; b) exceeding temperature limits of material. This document is not applicable to hooks installed in cranes manufactured before the date of its publication and serves as a reference base for product standards for particular crane types. This part of EN 13001 deals only with the limit state method in accordance with EN 13001-1:2015.

Keel: en

Alusdokumendid: prEN 13001-3-5

Asendab dokumenti: EVS-EN 13001-3-5:2016+A1:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

61 RÕIVATÖÖSTUS

prEN ISO 8559-2

Size designation of clothes - Part 2: Primary and secondary dimension indicators (ISO/DIS 8559-2:2024)

This document specifies primary and secondary dimensions for specified types of garments to be used in combination with ISO 8559-1 (anthropometric definitions for body measurement). The primary aim of this document is to establish a size designation system that can be used by manufacturers and retailers to indicate to consumers (in a simple, direct and meaningful manner) the body dimensions of the person that the garment is intended to fit. Provided that the size of the person's body (as indicated by the specified dimensions) has been determined in accordance with ISO 8559-1, this designation system will facilitate the choice of garments that fit. This information can be indicated by labelling, etc. The size designation system is based on body measurements, not garment measurements. The choice of garment measurements is normally determined by the designer and the manufacturers who make appropriate allowances to accommodate the type and position of wear, style, cut and fashion elements of the garment.

Keel: en

Alusdokumendid: ISO/DIS 8559-2; prEN ISO 8559-2

Asendab dokumenti: EVS-EN ISO 8559-2:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

65 PÕLLUMAJANDUS

prEN 17984-2

Assistance dogs - Part 2: Dog lifetime welfare

The purpose of this document is to protect the welfare of assistance dogs. For this, it sets out requirements based on the Five Domains Paradigm to ensure the dog's welfare. The requirements apply: - throughout the whole life of the dog; - for all types of assistance dogs; - for all people/caregivers/handlers who are entrusted with a dog at any point during its lifetime.

Keel: en

Alusdokumendid: prEN 17984-2

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 18068

Agricultural machinery - Safety - Compact carriers

This document specifies the safety requirements and their verification for the design and construction of compact carriers. It is intended to be used together with EN ISO 4254 1:20152. When provisions of this document are different from those which are stated in EN ISO 4254 1:2015, the provisions of this document take precedence over the provisions of EN ISO 4254 1:2015 for machines that have been designed and built according to the provisions of this document. This document deals with the significant hazards, hazardous situations and events relevant to compact carriers, when they are used as intended and under the conditions foreseen by the manufacturer but also taking into account any reasonably foreseeable misuse thereof (see Annex A). In addition, this document specifies the type of information on safe working practices that is provided by the manufacturer. The following significant and relevant hazards are not covered in this document: - design of machinery to facilitate its handling; - external radiation; - laser radiation; - lightning; - falling objects; - towing devices; - transmission of power between self-propelled machinery (or tractor) and recipient machinery; and hazards related to: - the presence of a seated operator; - the environment on compact carrier intended for pesticide application; - lifting operations; - lifting of persons. While this document does not deal with the design and construction of interchangeable equipment, requirements in this document also address hazards which can occur from the combination of compact carriers with interchangeable equipment as per multiple uses intended by the manufacturer of the compact carrier. Compact carriers when provided with cab and provisions for fitting a cab are not dealt with this document. This document is not applicable to machines manufactured before the date of its publication.

Keel: en

Alusdokumendid: prEN 18068

Arvamusküsitluse lõppkuupäev: 30.06.2024

67 TOIDUAINETE TEHNOLOOGIA

prEN 4855-01

Aerospace series - ECO efficiency of catering equipment - Part 01: General conditions

This document specifies the test procedures and calculations to determine the ECO efficiency of the following catering equipment installed in an aircraft: - chilling equipment (with and without freeze function); - ovens (steam and convection ovens); - beverage makers (coffee maker, water heater); - trash compactors (single and double bin); - espresso makers (grain, powder, pad and capsule based). Based on the results it will be possible to derive the energy consumption index and a performance index of the considered equipment type. The two index values represent the ECO efficiency.

Keel: en

Alusdokumendid: prEN 4855-01

Asendab dokumenti: EVS-EN 4855-01:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 4855-03

Aerospace series - ECO efficiency of catering equipment - Part 03: Chilling equipment

This document specifies a test procedure to identify performance characteristics and a weight rating of a galley chilling equipment used on aircraft. Furthermore it specifies the calculation procedure to determine an energy consumption index and a performance index. The effect of the chilling equipment on food quality is not addressed in this document.

Keel: en

Alusdokumendid: prEN 4855-03

Asendab dokumenti: EVS-EN 4855-03:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 4855-04

Aerospace series - ECO efficiency of catering equipment - Part 04: Beverage makers

This document specifies a test procedure to identify performance characteristics and a weight rating of beverage maker products used on aircraft. Furthermore it specifies the calculation procedure to determine an energy consumption index and a performance index. The effect of the beverage makers on beverage quality is not addressed in this document.

Keel: en

Alusdokumendid: prEN 4855-04

Asendab dokumenti: EVS-EN 4855-04:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

71 KEEMILINE TEHNOLOOGIA

prEVS-ISO 22734-MOD

Vee elektrolüüsi kasutavad vesinikugeneraatorid. Tööstuslikud, kaubanduslikud ja kodutarbija rakendused

Hydrogen generators using water electrolysis. Industrial, commercial, and residential applications (ISO 22734:2019, modified)

Käesolev dokument määratleb konstruktsiooni-, ohutus- ja jõudlusnõuded modulaarsete või tehases sobitatud vesinikgaasi tootmiseadmetele (edaspidi vesinikugeneraatorid), mis kasutavad elektrokeemilisi reaktsioone vesiniku tootmiseks vee

elektrolüüsi teel. See dokument on kohaldatav vesinikugeneraatoritele, mis kasutavad järgmist tüüpi ionide transpordikeskkondi: — aluste vesilahused; — hapete vesilahused; — tahked polümeersed materjalid, millele on lisatud happelisi funktsionaalrühmi, näiteks prootonvahetusmembraan (PEM); — tahked polümeersed materjalid, millele on lisatud aluselisi funktsionaalrühmi, näiteks anioonvahetusmembraan (AEM). Käesolev dokument kehtib vesinikugeneraatorite kohta, mis on mõeldud tööstuslikuks ja kaubanduslikuks kasutuseks, samuti kasutamiseks kodutarbijale sise- ja välisoludes ilmastiku eest kaitstud oludes, nagu autovarjualused, garaažid, majapidamisruumid ja muud sarnased eluruumid. Vesinikugeneraatorid, mida saab kasutada ka elektri tootmiseks, näiteks pööratavad kütuseelemendid, ei kuulu selle dokumendi käsitusllasse. Elamutele mõeldud vesinikugeneraatorid, mis pakuvad saadusena ka hapnikku, ei kuulu selle dokumendi käsitusllasse.

Keel: en

Alusdokumendid: ISO 22734:2019

Arvamusküsitluse lõppkuupäev: 31.05.2024

75 NAFTA JA NAFTATEHNOLOOGIA

EN 15553:2021/prA1

Petroleum products and related materials - Determination of hydrocarbon types - Fluorescent indicator adsorption method

This document specifies a fluorescent indicator adsorption method for the determination of hydrocarbon types over the concentration ranges from 5 % (V/V) to 99 % (V/V) aromatic hydrocarbons, 0,3 % (V/V) to 55 % (V/V) olefins, and 1 % (V/V) to 95 % (V/V) saturated hydrocarbons in petroleum fractions that distil below 315 °C. This method can apply to concentrations outside these ranges, but the precision has not been determined. When samples containing oxygenated blending components are analysed, the hydrocarbon type results can be reported on an oxygenate-free basis or, when the oxygenate content is known, the results can be corrected to a total-sample basis. This test method is applicable to full boiling range products. Cooperative data have established that the precision statement does not apply to petroleum fractions with narrow boiling ranges near the 315 °C limit. Such samples are not eluted properly, and results are erratic. It does not apply to samples containing dark-coloured components that interfere with reading the chromatographic bands that cannot be analysed. NOTE 1 The oxygenated blending components methanol, ethanol, tert-butyl methyl ether (MTBE), methyl tert-pentyl ether (TAME) and tert-butyl ethyl ether (ETBE) do not interfere with the determination of hydrocarbon types at concentrations normally found in commercial petroleum blends. These oxygenated compounds are not detected since they elute with the alcohol desorbent. The effects of other oxygenated compounds are individually verified. NOTE 2 For the purposes of this document, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction. 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: EN 15553:2021/prA1

Muudab dokumenti: EVS-EN 15553:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 15751

Automotive fuels - Fatty acid methyl ester (FAME) fuel and blends with diesel fuel - Determination of oxidation stability by accelerated oxidation method at 110 °C

This document specifies a test method for the determination of the oxidation stability of fuels for diesel engines at 110 °C, by means of measuring the induction period of the fuel up to 48 h. The method is applicable to fatty acid methyl esters (FAME) intended for the use as pure biofuel or as a blending component for diesel fuels, and to blends of FAME with diesel fuel containing 2 % (V/V) of FAME at minimum. The precision of the test method has been developed for conventional diesel. This test method is applicable for paraffinic diesel fuels as specified in EN 15940, however a separate precision statement for paraffinic diesel is not available. NOTE 1 EN 14112 [1] describes a similar test method for the determination of the oxidation stability of pure fatty acid methyl esters (see the Introduction to this document). Additionally, EN 16568 [3] describes a similar test method for the determination of the oxidation stability of fuels for diesel engines at 120 °C, by means of measuring the induction period of the fuel up to 20 h. This method is applicable to blends of FAME with diesel fuel containing 2 % (V/V) of FAME at minimum. Other alternative test methods for the determination of the oxidation stability of distillate fuels are described in CEN/TR 17225 [4]. NOTE 2 For induction periods higher than 48 h the precision is not covered by the precision statement of this method. The limit values of the relevant fuel standards are well within the scope of this test method. NOTE 3 The presence of cetane improver can reduce the oxidation stability determined by this test method. Limited studies with EHN (2-ethyl hexyl nitrate) indicated, however, that the stability is reduced to an extent which is within the reproducibility of the test method. NOTE 4 For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction (v) of a material.

Keel: en

Alusdokumendid: prEN 15751

Asendab dokumenti: EVS-EN 15751:2014

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 228

Automotive fuels - Unleaded petrol - Requirements and test methods

This document specifies requirements and test methods for marketed and delivered unleaded petrol. It is applicable to unleaded petrol for use in petrol engine vehicles designed to run on unleaded petrol. This document specifies two types of unleaded petrol: - one type with a maximum oxygen content of 3,7 % (m/m) and a maximum ethanol content of 10,0 % (V/V) in Table 1; - one type in Table 2 with a maximum oxygen content of 2,7 % (m/m) and a maximum ethanol content of 5,0 % (V/V) intended for older

vehicles that are not warranted to use unleaded petrol defined in Table 1. NOTE 1 The two types are based on European Directive requirements [3], [4] and [10]. NOTE 2 For the purposes of this document, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction, μ , and the volume fraction, φ .

Keel: en

Alusdokumendid: prEN 228

Asendab dokumenti: EVS-EN 228:2012/NA:2017

Asendab dokumenti: EVS-EN 228:2012+A1:2017

Asendab dokumenti: EVS-EN 228:2012+A1:2017/AC:2023

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 13503-2

Oil and gas industries including lower carbon energy - Completion fluids and materials - Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations (ISO/DIS 13503-2:2024)

ISO 13503-2:2006 provides standard testing procedures for evaluating proppants used in hydraulic fracturing and gravel-packing operations. "Proppants" mentioned henceforth in ISO 13503-2:2006 refer to sand, ceramic media, resin-coated proppants, gravel-packing media and other materials used for hydraulic fracturing and gravel-packing operations. The objective of ISO 13503-2:2006 is to provide a consistent methodology for testing performed on hydraulic fracturing and/or gravel-packing proppants.

Keel: en

Alusdokumendid: ISO/DIS 13503-2; prEN ISO 13503-2

Asendab dokumenti: EVS-EN ISO 13503-2:2006

Asendab dokumenti: EVS-EN ISO 13503-2:2006/A1:2009

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 16486-2

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 2: Pipes (ISO/DIS 16486-2:2024)

This document specifies the physical and mechanical properties of pipes made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels. It also specifies the test parameters for the test methods to which it refers. The ISO 16486 series of standards is applicable to PA-U piping systems, the components of which are connected by fusion jointing and/or mechanical jointing. In addition, this document lays down dimensional characteristics and requirements for the marking of pipes. Pipes conforming to this document are jointed typically by using mechanical, electrofusion or butt fusion techniques.

Keel: en

Alusdokumendid: ISO/DIS 16486-2; prEN ISO 16486-2

Asendab dokumenti: EVS-EN ISO 16486-2:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 16486-3

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 3: Fittings (ISO/DIS 16486-3:2024)

This document specifies the physical and mechanical properties of fittings made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels. It also specifies the test parameters for the test methods to which it refers. The ISO 16486 series is applicable to PA-U piping systems, the components of which are connected by fusion jointing and/or mechanical jointing. In addition, it lays down dimensional characteristics and requirements for the marking of fittings. In conjunction with the other parts of the ISO 16486 series, this document is applicable to PA-U fittings, their joints, joints with components of PA-U and joints with mechanical fittings of other materials, and to the following fitting types: — fusion fittings (electrofusion fittings and butt fusion fittings), and — transition fittings.

Keel: en

Alusdokumendid: ISO/DIS 16486-3; prEN ISO 16486-3

Asendab dokumenti: EVS-EN ISO 16486-3:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 17828

Solid biofuels - Determination of bulk density (ISO/DIS 17828:2024)

This revised International Standard describes a method for determining bulk density of solid biofuels with the use of a standardized measuring container. This method is applicable to all pourable solid biofuels with a nominal top size of maximum 63 mm, while the maximum particle length is 200 mm. For fuels with a nominal top size larger than 63 mm, a different method is described. Note: The scope has been changed from the previous version

Keel: en

Alusdokumendid: ISO/DIS 17828; prEN ISO 17828

Asendab dokumenti: EVS-EN ISO 17828:2015

Arvamusküsitluse lõppkuupäev: 30.06.2024

77 METALLURGIA

prEN 14361

Aluminium and aluminium alloys - Chemical analysis - Sampling from metal melts

This document specifies criteria for sampling and gives guidance on the sampling from melts in order to verify if the chemical composition of the product fabricated from a metal melt is in conformance with the specification. NOTE For sampling from product or laboratory samples see EN 14242 or EN 14726.

Keel: en

Alusdokumendid: prEN 14361

Asendab dokumenti: EVS-EN 14361:2005

Arvamusküsitluse lõppkuupäev: 30.06.2024

79 PUIDUTEHNOLOOGIA

prEN 18079

Wood-based panels - Determination of melamine applying extraction and high-performance chromatography (HPLC) with ultraviolet detection

This document specifies the determination of free melamine in coated and uncoated wood-based-panels. NOTE 1 It is also applicable to other wood-based products, to other solid products e.g. impregnates or decorative paper and to liquid products (e.g. adhesives). The determination of melamine is performed by extraction in dimethyl sulfoxide (DMSO) and subsequent high-performance chromatography (HPLC) analysis and ultraviolet (UV) detection. NOTE 2 For determination of melamine in foodstuff EN 16858 is applicable. For determination of melamine in animal feeding stuffs EN 17212 is applicable. For determination of melamine in textiles EN ISO 1833 26 is applicable.

Keel: en

Alusdokumendid: prEN 18079

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 321

Wood-based panels - Determination of moisture resistance under cyclic test conditions

This document specifies a test method for the determination of the moisture resistance of wood-based panels under cyclic test conditions.

Keel: en

Alusdokumendid: prEN 321

Asendab dokumenti: EVS-EN 321:2002

Arvamusküsitluse lõppkuupäev: 30.06.2024

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 11357-5

Plastics - Differential scanning calorimetry (DSC) - Part 5: Determination of characteristic reaction-curve temperatures and times, enthalpy of reaction and degree of conversion (ISO/DIS 11357-5:2024)

ISO 11357-5:2013 specifies a method for the determination of reaction temperatures and times, enthalpies of reaction, and degrees of conversion using differential scanning calorimetry (DSC). The method applies to monomers, prepolymers, and polymers in the solid or liquid state. The material can contain fillers and/or initiators in the solid or liquid state.

Keel: en

Alusdokumendid: ISO/DIS 11357-5; prEN ISO 11357-5

Asendab dokumenti: EVS-EN ISO 11357-5:2014

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 16486-2

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 2: Pipes (ISO/DIS 16486-2:2024)

This document specifies the physical and mechanical properties of pipes made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels. It also specifies the test parameters for the test methods to which it refers. The ISO 16486 series of standards is applicable to PA-U piping systems, the components of which are connected by fusion jointing and/or mechanical jointing. In addition, this document lays down dimensional characteristics and requirements for the marking of pipes. Pipes conforming to this document are jointed typically by using mechanical, electrofusion or butt fusion techniques.

Keel: en

Alusdokumendid: ISO/DIS 16486-2; prEN ISO 16486-2

Asendab dokumenti: EVS-EN ISO 16486-2:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 16486-3

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 3: Fittings (ISO/DIS 16486-3:2024)

This document specifies the physical and mechanical properties of fittings made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels. It also specifies the test parameters for the test methods to which it refers. The ISO 16486 series is applicable to PA-U piping systems, the components of which are connected by fusion jointing and/or mechanical jointing. In addition, it lays down dimensional characteristics and requirements for the marking of fittings. In conjunction with the other parts of the ISO 16486 series, this document is applicable to PA-U fittings, their joints, joints with components of PA-U and joints with mechanical fittings of other materials, and to the following fitting types: — fusion fittings (electrofusion fittings and butt fusion fittings), and — transition fittings.

Keel: en

Alusdokumendid: ISO/DIS 16486-3; prEN ISO 16486-3

Asendab dokumenti: EVS-EN ISO 16486-3:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 20427

Pigments and extenders - Dispersion procedure for sedimentation-based particle sizing of suspended pigment or extender with liquid sedimentation methods (ISO 20427:2023)

This document specifies sample preparation methods to determine the size distribution of separate particles of a single pigment or extender, which is dispersed in a liquid by application of a standardized dispersion procedure, using an ultrasonic device, shaker device or wet jet mill. The sample preparation methods described are optimized for measurements carried out with a particle sizing technique based on sedimentation. This technique relies on particle migration due to gravitation or centrifugal forces and requires a density contrast between the particles and the liquid phase.

Keel: en

Alusdokumendid: ISO 20427:2023; prEN ISO 20427

Arvamusküsitluse lõppkuupäev: 30.06.2024

91 EHITUSMATERJALID JA EHITUS

EN 1627:2021/prA1

Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification

This document specifies requirements and classification systems for burglar resistant characteristics of pedestrian doorsets, windows, curtain walling, grilles and shutters. It is applicable to the following opening functions: Turning, tilting, folding, turn-tilting, top or bottom hung, sliding (horizontally and vertically), pivoted (horizontally and vertically), projecting and rolling as well as non-openable constructions. It also covers products that include items such as letter plates or ventilation grilles. It specifies requirements for the burglar resistance of a construction product (as defined in 3.1 of this document). NOTE 1 The elements of curtain walling will be assigned to group 1 to 4 product depending on their design. This document does not directly cover the resistance of locks and cylinders to attack with picking tools. Building hardware are components of the above mentioned products and cannot be classified as such according to this document. This document does not apply to walls and roofs, as well as for doors, gates and barriers, intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises, as covered by EN 13241:2003+A2:2016. NOTE 2 It is important that construction products that can be reached or driven through by vehicles are protected by appropriate measures such as barriers, extensible ramps, etc. The requirements to an electronic security system (e.g. access control system) to control electromechanical locks and strikes according to EN 14846:2008 are not in the scope of this document. NOTE 3 Locks and striking plates according to EN 14846:2008 needs an access control system for authorized and secure access (comparable to a lock cylinder). The transmission of the signal between the lock and the access control system (e.g. wiring) needs also consideration. (The signal is transmitted in encrypted form or is not accessible during the manual attack attempt.) Upcoming revisions of this document might include such a reference.

Keel: en

Alusdokumendid: EN 1627:2021/prA1

Muudab dokumenti: EVS-EN 1627:2021

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 1366-14

Fire resistance tests for device installations - Part 14: Partial penetration seals

This part of the EN 1366 series specifies a method of test and criteria for the evaluation (including field of direct application rules) of the ability of a partial penetration seal to maintain the fire resistance of a separating element at the position at which it has been penetrated by a device or devices that passes through one face of the element only. Partial penetration seals are used to seal apertures for electrical sockets, downlighters, media devices, cables and any item which requires an opening to be made in one face of the element of construction but does not include a device which passes through both faces. Supporting constructions are

used in this part of the EN 1366 series to represent separating elements such as walls or floors. These simulate the interaction between the test specimen and the separating element into which the sealing system is to be installed in practice. This part of the EN 1366 series is used in conjunction with EN 1363 1. The purpose of a test described in this part of the EN 1366 series is to assess the integrity and insulation performance of the partial penetration seal, of the penetrating service(s) or device(s) and of the separating element in the surrounding area of the partial penetration seal. Where partial penetration seals are installed in ceilings and floors, the loadbearing capacity shall also be considered. No information can be implied by the test concerning the influence of the inclusion of such penetrations and penetration seals on the loadbearing capacity of walls. It is not the intention of this test to provide quantitative information on the rate of leakage of smoke and/or hot gases or on the transmission or generation of fumes. Such phenomena are only to be noted in the test report in describing the general behaviour of test specimens during the test. Tests in accordance with this part of the EN 1366 series are not intended to supply any information on the ability of the partial penetration seal to withstand stress caused by movements or displacements of the penetrating devices. The risk of spread of fire downwards cannot be assessed with this test. Tests in accordance with this part of the EN 1366 series do not address any risks associated with leakage of dangerous liquids or gases caused by failure of the device in case of fire.

Keel: en

Alusdokumendid: prEN 1366-14

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 13892-10

Method of test for screed materials - Part 10: Determination of moisture content - Calcium Carbide Method

This document specifies a method for determining the moisture content of cementitious screed, calcium sulphate screed and magnesite screed made according to EN 13813.

Keel: en

Alusdokumendid: prEN 13892-10

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 13892-9

Methods of test for screed materials - Part 9: Dimensional stability

This document specifies a method for determining the dimensional stability (i.e. the shrinkage and swelling) of cementitious screed, calcium sulphate screed, magnesite screed and synthetic resin screed materials made in accordance with EN 13892-1.

Keel: en

Alusdokumendid: prEN 13892-9

Asendab dokumenti: EVS-EN 13892-9:2018

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN 15316-5

Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 5: Space heating and DHW storage systems (not cooling), Module M3-7, M8-7

This document covers energy performance calculation of water based storage sub-systems used for heating, for domestic hot water or for combination of these. This document does not cover sizing or inspection of such storage systems. Table 1 shows the relative position of this document within the set of EPB standards in the context of the modular structure as set out in EN ISO 52000 1. NOTE 1 In CEN ISO/TR 52000 2, the same table can be found with, for each module, the numbers of the relevant EPB standards and accompanying Technical Reports that are published or in preparation. NOTE 2 The modules represent EPB standards, although one EPB standard may cover more than one module and one module may be covered by more than one EPB standard, for instance a simplified and a detailed method respectively. See also Clause 2 and Tables A.1 and B.1. Table 1 - Position of this document within the modular structure of the set of EPB standards [...table not reproduced...]

Keel: en

Alusdokumendid: prEN 15316-5

Asendab dokumenti: EVS-EN 15316-5:2017

Arvamusküsitluse lõppkuupäev: 30.06.2024

93 RAJATISED

prEN ISO 13473-5

Characterization of pavement texture by use of surface profiles - Part 5: Determination of megatexture (ISO/DIS 13473-5:2024)

ISO 13473-5:2009 specifies procedures for determining the average depth or level of pavement surface megatexture by measuring the profile curve of a surface and calculating megatexture descriptors from this profile. The technique is designed to give meaningful and accurate measurement and description of pavement megatexture characteristics for various purposes. Since there is an overlap between megatexture and the surrounding ranges, the megatexture descriptors unavoidably have a certain correlation with corresponding measures in those ranges. ISO 13473-5:2009 specifies measurements and procedures which are in relevant parts compatible with those in ISO 13473-1, ISO 8608 and EN 13036-5.

Keel: en

Alusdokumendid: ISO/DIS 13473-5; prEN ISO 13473-5

Asendab dokumenti: EVS-EN ISO 13473-5:2010

Arvamusküsitluse lõppkuupäev: 30.06.2024

97 OLME. MEELELAHUTUS. SPORT

prEN IEC 60436:2024/prAA:2024

Electric dishwashers for household use - Methods for measuring the performance

Amendment to prEN IEC 60436

Keel: en

Alusdokumendid: prEN IEC 60436:2024/prAA:2024

Muudab dokumenti: prEN IEC 60436:2024

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN IEC 60704-2-3:2024

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers

These particular requirements apply to single unit electric dishwashers for household and similar use, with or without automatic programme control, for cold and/or warm water supply, for detachable or permanent connection to water supply or sewage systems, intended for placing on the floor against a wall, for building-in or placing under a counter, a kitchen worktop or under a sink, for wall-mounting or on a counter.

Keel: en

Alusdokumendid: 59A/263/CDV; prEN IEC 60704-2-3:2024

Asendab dokumenti: EVS-EN 60704-2-3:2019

Asendab dokumenti: EVS-EN 60704-2-3:2019/A11:2019

Arvamusküsitluse lõppkuupäev: 30.06.2024

prEN ISO 20127

Dentistry - Physical properties of powered toothbrushes (ISO/DIS 20127:2024)

This document specifies requirements and test methods for the physical properties of powered toothbrushes in order to promote the safety of these products for their intended use. There are different technologies of power toothbrushes. Common features of those powered toothbrushes for which this document applies: — a battery; — a motor; — a mechanical or magnetic drive system; — a moving brush head with tufts. Power toothbrushes may have different motions of the moving brush head (e.g. oscillating-rotating, side-by-side) and may have different frequencies and velocities for the moving brush head. The requirements listed in this document shall be fulfilled for all types of power toothbrushes if applicable. However, some requirements may not be applicable for all types, e.g. brush head retention can only be applied if the brush has a head portion that might get detached from the brush tube. Excluded are other types of powered oral hygiene devices (such as powered interdental brushes) and manual toothbrushes.

Keel: en

Alusdokumendid: ISO/DIS 20127; prEN ISO 20127

Asendab dokumenti: EVS-EN ISO 20127:2020

Arvamusküsitluse lõppkuupäev: 30.06.2024

TÖLKED KOMMENTEERIMISEL

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

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

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

CEN/TS 15084:2006

Lubiained. Lubjavajaduse määramise juhend.

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

Keel: et

Alusdokumendid: CEN/TS 15084:2006

Kommenteerimise lõppkuupäev: 31.05.2024

EVS-EN 12255-10:2023

Reoveepuhastid. Osa 10: Ohutuspõhimõtted

Standard määratleb minimaalsed ohutusnõuded, mida tuleb järgida reoveepuhastite kavandamisel, ehitamisel ja rekonstrueerimisel. Standardi eesmärk on tagada inimeste kaits.

Keel: et

Alusdokumendid: EN 12255-10:2023

Kommenteerimise lõppkuupäev: 31.05.2024

EVS-EN IEC 62676-2-33:2022

Turvarakendustes kasutatavad videoalvesüsteemid. Osa 2-33: Video edastusprotokollid.

Pilvepõhine üleslüli ja kaughalduse juurdepääs

Dokumendis käsitletakse haldussüsteemide liideseid ja mehhanisme füüsiliste turvaseadmete, näiteks videoalveseadmete ja -süsteemide, kaughalduseks. Videoalve puhul keskenduvad näited reaaliajaviide juurdepääsule ja salvestiste hankimisele. Selles dokumendis käsitletud tehnikad ei piirdu valverakendustega, vaid hõlmavad ka kaugjuurdepääsu turvasüsteemidele ja elektroonilistele juurdepääsu jälgimise süsteemidele. Seadmete ja haldussüsteemide seadistamine ei kuulu selle dokumendi käsitusallas. Peatükis 4 tutvustatakse juurdepääsu kaughaldusele. Peatükis 5 määratletakse nõuete kogum, millele protokoll peab vastama. Peatükis 6 laiendatakse standardi IEC 60839-11-31 identüstõendipõhist (token) ressursi haldamise skeemi. Peatükis 7 käsitletakse, kuidas saada kätte informatsiooni kaugüsteemist. Peatükis 8 määratletakse seadmetega ühendumise viise, mis pole otseselt ligipääsetavad, kuna on näiteks tulemüüri taga.

Keel: et

Alusdokumendid: IEC 62676-2-33:2022; EN IEC 62676-2-33:2022

Kommenteerimise lõppkuupäev: 31.05.2024

EVS-EN ISO 7393-2:2018

Vee kvaliteet. Vaba ja üldkloori määramine. Osa 2: Kolorimeetria N,N-dietüül-1,4-fenüleendiamiiniga, rutiinse kontrolli eesmärgil

See dokument määrab kindlaks meetodi vaba kloori ja üldkloori määramiseks vees, mis on hõlpsasti rakendatav labori- ja välikatsetes. See põhineb punase DPD värvikompleksi neeldumise mõõtmisel fotomeetris või värvi intensiivsuse visuaalsel võrdlemisel korrapäraselt kalibreeritavate standarditega. See meetod sobib joogivee ja muude veeliikide jaoks, kus täiendavad halogeeneid nagu broom, jood ja muud oksüdeerivad ained on peaaegu tühistes kogustes. Merevesi ning bromiide ja jodiide sisaldavad veed moodustavad rühma, mille puhul tuleb läbi viia eriprotseduurid. See meetod on praktikas rakendatav kloori (Cl₂) kontsentratsioonide korral, näiteks 0,000 4 mmol/l kuni 0,07 mmol/l (nt 0,03 mg/l kuni 5 mg/l) üldkloori. Suuremate kontsentratsioonide korral katse kogus lahjendatakse. Tavaliselt kasutatakse seda meetodit välikatsetes mobiilsete fotomeetrite ja kaubanduslikult saadavate kasutusvalmis reaktiividega (vedelad reaktiivid, pulbrid ja tabletid). On oluline, et need reaktiivid vastaksid miinimumnõuetele ning sisaldaksid olulisi reagente ja puhversüsteemi, mis sobivad mõõtelahuse pH reguleerimiseks tavaliselt vahemikku 6,2–6,5. Kui tekib kahtlus, et veeproovidel on ebatavalised pH väärtused ja/või puhvermahtuvus, peab kasutaja proovi pH-d kontrollima ja vajadusel reguleerima soovitud vahemikku. Proovi pH on vahemikus pH 4 kuni 8. Vajadusel reguleerida enne katset naatriumhüdroksiidi lahuse või väävelhappega. Protseuur monoklooramiini tüüpi seotud kloori, diklooramiini tüüpi seotud kloori ja seotud kloori lämmastiktrikloriidi vormis eristamiseks on esitatud lisas A. Lisas C on esitatud vaba ja üldkloori määramise protseduur joogivees ja muudes vähesaastatud vetes, ühekordselt kasutatavate tasapinnaliste reaktiiviga täidetud küvetide jaoks, kasutades mesojuga kanaliga pumpa/kolorimeetrit.

Keel: et

Alusdokumendid: ISO 7393-2:2017; EN ISO 7393-2:2017

Kommenteerimise lõppkuupäev: 31.05.2024

prEN 10216-2

Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused Osa 2: Süsinik- ja leegerterasest torud, millel on kindlaksmääratud omadused kõrgendatud temperatuuril

See dokument määratleb süsinikterasest ja legeeritud terasest valmistatud ümmarguse ristlõikega õmblusteta torude tehnilised tarnetingimused kahes katsekategoorias. Standardi EN 10216 seda osa võib rakendada ka mitteümmarguse ristlõikega torudele, vajalikud muudatused lepitakse kokku päringu ja tellimuse ajal.

Keel: et

Alusdokumendid: prEN 10216-2

Kommenteerimise lõppkuupäev: 31.05.2024

prEN 13172

Soojusisolatsioonitooted. Vastavushindamine

See dokument määrab kindlaks ühised hindamisreeglid, mis on kasulikud ühtlustatud tehniliste kirjelduste, tootestandardite ja muude hindamisdokumentidega soojusisolatsioonitoodete toimivuse püsivuse hindamiseks ja kontrollimiseks. Harmoneeritud tehnilisi kirjeldusi, tootestandardeid ja muid hindamisdokumente nimetatakse selles dokumendis Euroopa tootespetsifikatsioonideks. Seda Euroopa standardit kohaldatakse ehitistele tööstuslikult valmistatud toodetele, tööstuslikult valmistatud hoonete tehnoseadmete ja tööstuspaigaldiste toodetele, kasutuskohas ehitistele valmistatud toodetele, kasutuskohas valmistatud hoonete tehnoseadmete ja tööstuspaigaldiste toodetele, tsiviilehituslike rakenduste toodetele ja välisele komposiitsoojustussüsteemidele.

Keel: et

Alusdokumendid: prEN 13172

Kommenteerimise lõppkuupäev: 31.05.2024

prEN 1838

Valgustrakendused. Hoonete hädavalgustus

See dokument määrab kindlaks valgustusnõuded avariivalgustussüsteemidele, sealhulgas adaptiivsetele evakuatsioonivalgustussüsteemidele, elektrilisele avariivalgustusele, mis on paigaldatud ruumidesse või kohtadesse, kus selliseid süsteeme nõutakse või vajatakse, ja mis on põhiliselt kohaldatavad kohtades, kuhu on juurdepääs üldsusel või töötajatel.

Keel: et

Alusdokumendid: prEN 1838

Kommenteerimise lõppkuupäev: 31.05.2024

prEN 50172

Evakuatsiooni hädavalgustussüsteemid

See dokument määratleb hädavalgustussüsteemidele spetsiifilised elektripaigaldise nõuded koos nende süsteemide kontrolli-, kasutus- ja hooldusdokumentatsiooniga ning testimisnõuded. MÄRKUS 1 Hädavalgustus hõlmab väljapääsutee valgustust, avatud ala (paanikavastast) valgustust, kohalikku ohutusvalgustust ja ohtliku piirkonna valgustust. Ohutusmärgid on osa evakuatsioonivalgustussüsteemist. MÄRKUS 2 Evakuatsioonivalgustussüsteemid hõlmavad adaptiivseid ja mitteadaptiivseid süsteeme, samuti ka nii kõrgele kui ka madalale paigaldatud süsteeme. See dokument ei sisalda nõudeid tööjätkamisvalgustusele. MÄRKUS 3 Tööjätkamise valgustussüsteeme saab kasutada ka evakuatsioonivalgustusena, kui vastavad nõuded on täidetud, vt EN 1838.

Keel: et

Alusdokumendid: prEN 50172

Kommenteerimise lõppkuupäev: 31.05.2024

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.

ÜLEVAATUSKÜSITLUS

EVS 885:2005

Ehituskulude liigitamine

Classification of construction costs

Standardis leiavad käsitlemist: • ehituskulude liigitus; • töömahtude mõõtmise ja tööde arvestamise reeglid. Standardi alusel ehituskulude liigitamine ning töömahtude arvutamise reeglite kasutamine loob võimaluse kulusid ühtviisi nimetada, määratleda ja mõista nii omaniku, tellija, projekteerijate kui ehitajate (pea- ja alltöövõtjate) ning projektiga seotud konsultantide poolt. Iga organisatsiooni (tellija-organisatsioon; projektbüroo; ehitusettevõtte) siseselt võib liigitis toodud määranguid täpsustada ja põhjendatult ümber kujundada. Samas ei tohi sellised ettevõttesisesed muudatused saada takistuseks andmete esitamisel avalikkusele ning teistele osapooltele siis, kui vajatakse kirjeldusi käesolevas standardis toodud liigiti nõudeid järgides, näiteks riigihangete pakkumisdokumentides. Käesoleva standardi ehituskulude liigiti on kasutatav hoonete, insenerehitiste ja rajatiste ehitamise ning rekonstrueerimise ehitusprojekt- ja hankedokumentide koostamisel ning projekti arengu järgnevatel etappidel.

Ülevaatusküsitluse lõppkuupäev: 31.05.2024

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 920-2:2013

Katuseehitusreeglid. Osa 2: Metallkatused

Requirements for roof building - Part 2: Metal roofs

See standard määrab kindlaks nõuded isekandvatele katusetoodetele, mis on valmistatud kuumtsingitud õhukesest lehtterasest, tsingitud, või tsingitud ja kaetud polümeersete pinnakatetega. Standard määratleb nõuded metallist katuste ehitamiseks ning nõuded metallist katusekattetoodetele, mis on vastavuses standardite EVS-EN 14782 ning EVS-EN 14783 nõuetega. Standard on kasutamiseks tootjatele, paigaldajatele, lõpptarbijatele. Standard määrab nõuded toodetele ja paigalduslahendustele toodete kasutamiseks normaalses eksploatatsioonitingimustes. Standard määratleb nõuded kuumtsingitud teraslehest toodetud ja paigaldatud valtsplekk-katusele. Standard määratleb nõuded õhukesest tsingitud lehtterasest ja tsingitud ning polümeersete katetega kaetud katusekatetele. Nende alla liigituvad kõik katusekatetena kasutatavad profiilplekid (katusekivi profiiliga, trapetsprofiilid, siinusprofiiliga, peitkinnitusega plekid ja analoogid). Standardis esitatud viited seinakatetele on tingitud nende sagedasest kooskasutamisest katusekatetega. Standardis esinevad viited teistele metallidele, mida on oluline käsitleda kuumtsingitud ja kuumtsingitud ning pinnakatetega kaetud katusekatete seisukohast. See standard määratleb nõuded tööstuslikult toodetud kuumtsingitud ning kuumtsingitud ja polümeerse kattega terasest vihmaveesüsteemidele. Standard ei käsitte käsitööna valmistatud vihmaveesüsteemide osi. Standard esitab nõuded kuni maapinnani, ega puuduta maa-aluseid drenaažisüsteeme ja -lahendusi. Standard ei esita nõudeid kõigile kandekonstruktsioonidele ega arhitektuursetele lahendustele. Selle standardi ainukesed nõuded kandekonstruktsioonidele on roovitusele metallkatustel.

Kehtima jätmise alus: EVS/TK 60 otsus 11.03.2024 (2-8.2/48) ning teade pikendamisküsitlusest 15.03.2024 EVS Teatajas.

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas allpool nimetatud standardite ja standarddilaadsete 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-ISO 24510:2008

Joogivee- ja kanalisatsiooniteenustega seotud tegevused . Juhised joogivee- ja kanalisatsiooniteenuste hindamiseks ning parandamiseks kasutajale

Activities relating to drinking water and wastewater services — Guidelines for the assessment and for the improvement of the service to users

Käesolev rahvusvaheline standard määratleb kasutajate jaoks olulised ja huvipakkuvad joogivee ja kanalisatsiooni teenuste elemendid. Samuti juhendab käesolev standard kuidas teha kindlaks kasutajate vajadusi ja ootusi ja kuidas hinnata, kas nendele vajadustele/ootustele on vastatud. Käesoleva rahvusvahelise standardi ulatus hõlmab järgmisi aspekte: erinevatele huvigruppidele ühise keele definitsioon; kasutajatele pakutava teenuse peamiste elementide ja omaduste definitsioon; teenuse eesmärgid kasutajate vajaduste ja ootuste suhtes; juhised kasutajate vajaduste ja ootuste rahuldamiseks; kasutajatele pakutava teenuse hindamise kriteeriumid; tulemuslikkuse näitajate tutvustus; tulemuslikkuse näitajate näited. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmisi aspekte: joogivee- ja kanalisatsioonisüsteemide projekteerimise ja ehituse meetodid; joogivee- ja kanalisatsiooniteenustega seotud tegevuste opereerimise ja juhtimise korralduslik juhtimisstruktuur ja meetodika, ka lepingute sõlmimine; hoonetesiseste süsteemidega seotud teemad. MÄRKUS 1. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 2. Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 3. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel: en

Alusdokumendid: ISO 24510:2007

Tühistamisküsitluse lõppkuupäev: 31.05.2024

EVS-ISO 24511:2008

Joogivee- ja kanalisatsiooniteenustega seotud tegevused. Juhised kanalisatsiooniteenust pakkuvate ettevõtete juhtimiseks ning kanalisatsiooniteenuste hindamiseks

Activities relating to drinking water and wastewater services — Guidelines for the management of wastewater utilities and for the assessment of wastewater services

Käesolev rahvusvaheline standard sätestab juhtnõõrid kanalisatsiooniteenust pakkuvate ettevõtete juhtimiseks ning kanalisatsiooniteenuste hindamiseks. Käesolev rahvusvaheline standard on kohaldatav avalikule sektorile ja eraomandis olevatele ning opereeritavatele kanalisatsiooniteenust pakkuvatele ettevõtetele, kuid see ei soosi mistahes spetsiaalset omandi- või opereerimismudelit. MÄRKUS 1. Alati kui kasutatakse või tarbitakse vett, tekib reovesi. Vastavalt, võib reovesi pärineda erinevatest allikatest – elamutest, tööstusest, kaubandusest või asutustest. Kogutud sadevett või (sulanud) lund võib samuti pidada reoveeks, kuna tihti peale kannavad need teel kogumissüsteemi õhust või maapinnalt kogutud saasteaineid ja patogeene. Teatud tingimustel, eriti arendamata piirkondades, kogutakse sanitaarjätmeid lahjendamata kujul. Käesolev rahvusvaheline standard käsitleb kanalisatsioonisüsteemi tervikuna ning on kohaldatav süsteemidele mistahes arengujärgus (näit. käimlakastid, kohalikud süsteemid, võrgud, puhastid). Käesoleva rahvusvahelise standardi ulatus hõlmab järgmisi aspekte: erinevatele huvigruppidele ühise keele definitsioon; kanalisatsiooniteenuseid pakkuva ettevõtte eesmärgid; kanalisatsiooniteenuseid pakkuva ettevõtte juhtimise juhendid; teenuse hindamise kriteeriumid ja sellega seonduvad tulemuslikkuse näitajate näited, seadmata mistahes sihtväärtusi või künniseid. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmisi aspekte: kanalisatsioonisüsteemide projekteerimise ja ehituse meetodid; kanalisatsiooniteenustega seotud tegevuste opereerimise ja juhtimise juhtimisstruktuuri ja meetodika reguleerimine; lepingute ja alltöövõtulepingute sisu reguleerimine; hoonetesiseste, pargimiskoha ja kogumiskoha vaheliste süsteemidega seotud teemad. MÄRKUS 2. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 3. Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 4. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel: en

Alusdokumendid: ISO 24511:2007

Tühistamisküsitluse lõppkuupäev: 31.05.2024

EVS-ISO 24512:2008

Joogivee- ja kanalisatsiooniteenustega seotud tegevused. Juhised joogiveeteenust pakkuvate ettevõtete juhtimiseks ja joogiveeteenuste hindamiseks

Activities relating to drinking water and wastewater services — Guidelines for the management of drinking water utilities and for the assessment of drinking water services

Käesolev rahvusvaheline standard sätestab juhtnõõrid joogiveeteenust pakkuvate ettevõtete juhtimiseks ning joogiveeteenuste hindamiseks. Käesolev rahvusvaheline standard on kohaldatav avalikule sektorile ja eraomandis olevatele ning opereeritavatele kanalisatsiooniteenust pakkuvatele ettevõtetele. See ei soosi mistahes spetsiaalset omandi- või opereerimismudelit. Käesolev

rahvusvaheline standard käsitleb joogiveesüsteemi tervikuna ning on kohaldatav süsteemidele mistahes arengujärgus (näit. kohalikud süsteemid, jaotusvõrgud, puhastid). Käesoleva rahvusvahelise standardi ulatus hõlmab järgmiseid aspekte: erinevatele huvigruppidele ühise keele definitsioon; joogiveevarustusesüsteemi komponentide definitsioon; joogiveeteenuseid pakkuva ettevõtte juhtimise juhendid; juhtnõõrid eesmärkide seadmiseks, teenuse hindamise kriteeriumid ja sellega seonduvad tulemuslikkuse näitajad, mis on sobivad joogiveeteenuste hindamiseks. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmiseid aspekte: sihtväärtused ja künnised väljapakutud eesmärkidele, teenuse hindamise kriteeriumitele ja sellega seonduvatele tulemuslikkuse näitajatele; joogiveesüsteemide projekteerimise ja ehitamisega seotud küsimused; joogiveeteenuseid pakkuva ettevõtte juhtimisstruktuuriga seotud küsimused; joogiveeteenuste reguleerimisega seotud küsimused, k.a. juhtimis- ja tootmistegevus; lepingute ja alltöövõtulepingute sisu reguleerimisega seotud küsimused; varustuskoha ja kasutuskoha vahelised seadmed. MÄRKUS 1. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 2 Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 3. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel: en

Alusdokumendid: ISO 24512:2007

Tühistamisküsitluse lõppkuupäev: 31.05.2024

AVALDATUD EESTIKEELSESD STANDARDIPARANDUSED

Selles rubriigis avaldame teavet Eesti standardite paranduste koostamise kohta. Standardiparandus koostatakse toimetusslikku laadi vigade (trükivead jms) kõrvaldamiseks standardist. Eesti standardi paranduse tähis koosneb standardi tähisest ja selle lõppu lisatud tähtedest AC.

Näiteks standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ. Parandatud standardi tähis ei muutu.

EVS-EN 12595:2023/AC:2024

Bituumen ja bituumensideained. Kinemaatilise viskoossuse määramine

Bitumen and bituminous binders - Determination of kinematic viscosity

UUED EESTIKEELSESD 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 875-4:2024

Vara hindamine. Osa 4: Hindaja kutse-eesitamine ja hindamistulemuste esitamine Property valuation - Part 4: Professional ethics of an appraiser and valuation reporting

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenuandjate ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisari „Vara hindamine“ osa, milles määratakse hindamise häid tavasid ja hindamistulemuste esitatavaid nõudeid. Selles Eesti standardis kirjeldatakse varade hindaja kutsemääratlust, hindaja kutse-eesitamat ja hindamistoimingu korraldamise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. Tegemist on standardi EVS 875-4:2015 „Hindamise head tavad ja hindamistulemuste esitamine“ uuendatusega.

EVS-EN ISO 4063:2023

Keevitamine, kõvajoodisjootmine, pehmejoodisjootmine ja termolõikamine. Protsesside nomenklatuur ja viitenumbriid Welding, brazing, soldering and cutting - Nomenclature of processes and reference numbers (ISO 4063:2023)

See standard kehtestab protsesside nomenklatuuri — keevitamisele; — kõvajoodisjootmisele, pehmejoodisjootmisele ja jootkeevitusele; — termolõikamisele koos igat protsessi identifitseeriva viitenumbriga (ingl reference number). See hõlmab põhiprotsesse (üks ühekohaline number), gruppi (kaks ühekohalist numbrit) ja alagruppi (kolm ühekohalist numbrit). Iga protsessi viitenumber koosneb maksimaalselt kolmest numbrist. See süsteem on kavatsatud kui abivahend arvutiseerimiseks (komputeriseerimiseks) ja visandamiseks, nt jooniste, töödokumentide ja keevitusprotseduuride koostamiseks, ning võimaldab ühtlustada rahvusvahelist protsesside tähistamist. See standard ei hõlma kõiki protsesside variante. Loetelus mitte toodud variantidel võib protsesside numbreid laiendada lisainfoga.

EVS-EN ISO 5667-3:2024

Vee kvaliteet. Proovivõtt. Osa 3: Veeproovide konserveerimine ja käitlemine Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO 5667-3:2024)

See dokument määrab üldised nõudmised kõikide veeproovide, kaasa arvatud füsiokeemilisteks, keemilisteks, hüdrobioloogilisteks ja mikrobioloogilisteks analüüsideks ja radiokeemiliste analüütide ja aktiivsuste jaoks mõeldud proovide võtmise, konserveerimise, käitlemise, transpordi ja hoidmise osas. Veeproovide säilitusaegade valideerimise juhised on esitatud tehnilises spetsifikatsioonis ISO/TS 5667-25. See dokument ei kohaldu veeproovidele, mis on ette nähtud ökotoksikoloogilisteks katseteks, bioloogilisteks katseteks (mis on määratletud standardis ISO 5667-16), passiivseks proovivõtuks (mis on määratletud standardis ISO 5667-23) ja mikroplasti jaoks (mis on määratletud standardis ISO 5667-27). See dokument on eriti asjakohane siis, kui proove ei ole võimalik kohapeal analüüsida ning need tuleb analüüsiks laborisse toimetada.

EVS-ISO/IEC 27032:2024

Küberturbe. Juhised interneti turbeks Cybersecurity — Guidelines for Internet security (ISO/IEC 27032:2023, identical)

See dokument esitab — Interneti turbe, veebiturbe, võrguturbe ja küberturbe vaheliste seoste seletuse; — ülevaate Interneti turbest; — huvipoolte piiritlemise ja kirjelduse nende rollidest Interneti turbes; — üldjoonelised juhised tavaliste Interneti turvaküsimuste käsitlemiseks. See dokument on mõeldud Interneti kasutavatele organisatsioonidele.

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 ISO 4063:2023 | Welding, brazing, soldering and cutting - Nomenclature of processes and reference numbers (ISO 4063:2023) | Keevitamine, kõvajoodisjootmine, pehmejoodisjootmine ja termolõikamine. Protsesside nomenklatuur ja viitenumbrid |

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 2013/53/EL Väikelaevad ja jetid Komisjoni rakendusotsus (EL) 2024/1197 (EL Teataja 2024/L 25.04.2024)

| 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 ISO 13297:2021 Väikelaevad. Elektrisüsteemid. Vahelduv- ja alalisvoolupaigaldised | 25.04.2024 | EN ISO 10133:2017; EN ISO 13297:2018 | 25.10.2025 |
| EVS-EN ISO 13297:2021/A1:2022 Väikelaevad. Elektrisüsteemid. Vahelduv- ja alalisvoolupaigaldised | 25.04.2024 | | |
| EVS-EN ISO 13297:2021/A11:2023 Väikelaevad. Elektrisüsteemid. Vahelduv- ja alalisvoolupaigaldised | 25.04.2024 | | |
| EVS-EN ISO 13297:2021+A1+A11:2023 Väikelaevad. Elektrisüsteemid. Vahelduv- ja alalisvoolupaigaldised | 25.04.2024 | | |
| EVS-EN ISO 15083:2020 Väikelaevad. Pilsu pumbasüsteemid | 25.04.2024 | EN ISO 15083:2018 | |
| EVS-EN ISO 15083:2020/A1:2022 Väikelaevad. Pilsu pumbasüsteemid. Muudatus 1 | 25.04.2024 | | |
| EVS-EN ISO 15083:2020/A11:2023 Väikelaevad. Pilsu pumbasüsteemid | 25.04.2024 | | |
| EVS-EN ISO 15083:2020+A1+A11:2023 Väikelaevad. Pilsu pumbasüsteemid | 25.04.2024 | | |

Direktiiv 2014/35/EL Madalpinge Komisjoni rakendusotsus (EL) 2024/1198 (EL Teataja 2024/L 23.04.2024)

| 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 50626-1:2023 Maa-alused paigaldustorusüsteemid isoleeritud elektrikaablite või sidekaablite kaitseks ja käitlemiseks. Osa 1: Üldnõuded | 24.04.2024 | EN 61386-24:2010 | 24.10.2025 |
| EVS-EN 50626-2:2023 Maa-alused paigaldustorusüsteemid isoleeritud elektrikaablite või sidekaablite kaitseks ja käitlemiseks. Osa 2: Polüeteen-, polüpropeen- või plastifitseerimata polüvinüülkloriid-paigaldustorusüsteemid. Nõuded kõvaseinalistele paigaldustorudele, liitmikele ja erirakendustes kasutatavale süsteemile | 24.04.2024 | | |

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|--|------------|---|------------|
| EVS-EN 60670-21:2007/A11:2023 Majapidamis- ja muude taoliste kohtkindlate elektripaigaldiste elektriseadmekastid ja -ümbrised. Osa 21: Erinõuded riputusseadistega varustatud kastidele ja ümbristele | 24.04.2024 | | |
| EVS-EN 60670-23:2009/A11:2023 Majapidamis- ja muude taoliste kohtkindlate elektripaigaldiste elektriseadmekastid ja -ümbrised. Osa 23: Erinõuded põrandal paiknevatele kastidele ja ümbristele | 24.04.2024 | | |
| EVS-EN 60670-24:2013/A11:2023 Elektriseadmete karbid ja ümbrised majapidamis- ja muudes taolistes kohtkindlates elektripaigaldistes. Osa 24: Erinõuded kaitseseadiste ja muude energiat hajutavate elektriseadmete paigutusümbristele | 24.04.2024 | | |
| EVS-EN IEC 60947-8:2023 Madalpingelised lülitus- ja juhtimisaparaadid. Osa 8: Pöörlevate elektrimasinate sisseehitatud termokaitse juhtimisseadised | 24.04.2024 | EN 60947-8:2003; EN 60947-8:2003/A1:2006; EN 60947-8:2003/A2:2012 | 24.10.2025 |