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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 3252:2023

Powder metallurgy - Vocabulary (ISO 3252:2023)

This document defines terms relating to powder metallurgy. Powder metallurgy is the branch of metallurgy which relates to the manufacture of metallic powders, or of articles made from such powders with or without the addition of non-metallic powders, by the application of forming and sintering processes.

Keel: en
Alusdokumendid: EN ISO 3252:2023; ISO 3252:2023
Asendab dokumenti: EVS-EN ISO 3252:2019

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 21872-1:2017+A1:2023

Microbiology of the food chain - Horizontal method for the determination of Vibrio spp. - Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus (ISO 21872-1:2017 + ISO 21872-1:2017/Amd 1:2023)

This document specifies a horizontal method for the detection of enteropathogenic Vibrio spp., which causes human illness in or via the intestinal tract. The species detectable by the methods specified include Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus. It is applicable to the following: — products intended for human consumption and the feeding of animals; — environmental samples in the area of food production and food handling. NOTE 1 This method may not be appropriate in every detail for certain products (see Introduction). NOTE 2 The World Health Organization (WHO) has identified that V. parahaemolyticus, V. cholerae and V. vulnificus are the major food-borne Vibrio spp. However, the method in this document can also be appropriate for the identification of other Vibrio spp. causing illness in humans.[1]

Keel: en
Alusdokumendid: ISO 21872-1:2017; EN ISO 21872-1:2017; EN ISO 21872-1:2017/A1:2023; ISO 21872 1:2017/Amd 1:2023
Konsolideerib dokumenti: EVS-EN ISO 21872-1:2017
Konsolideerib dokumenti: EVS-EN ISO 21872-1:2017/A1:2023

11 TERVISEHOOLDUS

EVS-EN IEC 60601-2-43:2023

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivsete protseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2022)

Asendus: See dokument on kohaldatav selliste FIKSEERITUD ja ka TEISALDATAVATE RÖNTGENSEADMETE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE, mille TOOTJA on kinnitanud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVSETES PROTSEDUURIDES ja mida edaspidi nimetatakse MENETLUSRÖNTGENSEADMETEKS. Selle dokumendi käsitlusalast on välja jäetud — KIIRITUSRAVI seadmed, — KOMPUUTERTOMOGRAAFIA seadmed, — PATSIENDI KEHASSE SISESTAMISEKS MÕELDUD LISASEADISED, — mammograafilised RÖNTGENSEADMED, — hambaRÖNTGENSEADMED. MÄRKUS 1 Näiteid FLUOROSKOOPILISELT JUHITAVATE INVASIIVSETE PROTSEDUURIDE kohta, mille puhul on soovitatav kasutada sellele dokumendile vastavaid MENETLUSRÖNTGENSEADMEID, on toodud lisas AA. MÄRKUS 2 SELLES DOKUMENDIS EI KÄSITLETA ERINÕUDEID MAGNETNAVIGATSIOONISEADMETELE EGA ERINÕUDEID MENETLUSRÖNTGENSEADMETE KASUTAMISELE OPERATSIOONITOA KESKKONNAS; SEEGA EI OLE SELLISTE SEADMETE EGA SELLISE KASUTAMISE KOHTA ANTUD MINGEID ERINÕUDEID. IGAL JUHUL ON SELLISED SEADMED JA SELLINE KASUTAMINE KAETUD ÜLDNÕUETE PEATÜKIGA. MÄRKUS 3 Koonuskimpkompuutertomograafia režiimis (ehk koonuskimp-KT-režiimis) kasutatav MENETLUSRÖNTGENSEADE on kaetud siinse dokumendiga, mitte standardiga IEC 60601-2-44 [1] . Siinse dokumendi kontekstis ei ole koonuskimp-KT-režiimis talitluseks määratletud mingeid lisanõudeid (vt ka märkus 5 jaotises 203.6.4.5). MENETLUSRÖNTGENSEADMED, MILLE ON TOOTJA KINNITANUD OLEMA SOBILIKUD KASUTAMISEKS FLUOROSKOOPILISELT JUHITAVATES INVASIIVSETES PROTSEDUURIDES, KUID MILLEL PUUDUB SÜSTEEMI OSANA PATSIENDILAUD, ON VABASTATUD SELLE DOKUMENDI SÄTETEST PATSIENDILAUALE. Kui peatükk või jaotis on spetsiifiliselt ette nähtud kohaldamiseks ainult MENETLUSRÖNTGENSEADMETELE või ainult EM-SÜSTEEMIDELE, on see väljendatud selle peatüki või jaotise pealkirjas ja sisus. Kui seda pole öeldud, on see peatükk või jaotis asjakohaselt kohaldatav nii MENETLUSRÖNTGENSEADMETELE kui ka EM-SÜSTEEMIDELE. IEC 60601-2-54 on kohaldatav ainult selle viidatud jaotiste puhul; standardi IEC 60601-2-54 viitamata jaotised ei ole kohaldatavad.

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2022; EN IEC 60601-2-43:2023
Asendab dokumenti: EVS-EN 60601-2-43:2010
Asendab dokumenti: EVS-EN 60601-2-43:2010/A1:2018
Asendab dokumenti: EVS-EN 60601-2-43:2010/A2:2020
Asendab dokumenti: EVS-EN 60601-2-43:2010/AC:2014
Asendab dokumenti: EVS-EN 60601-2-43:2010+A1:2018
Asendab dokumenti: EVS-EN 60601-2-43:2010+A1+A2:2020

EVS-EN ISO 11608-5:2023

Needle-based injection systems for medical use - Requirements and test methods - Part 5: Automated functions (ISO 11608-5:2022)

This part of ISO 11608 specifies requirements and test methods for needle-based injection systems with automated functions (referred to in the standard as NIS-AUTO), for the administration of medicinal products in humans. This document does not cover remote communication from the NIS-AUTO.

Keel: en
Alusdokumendid: ISO 11608-5:2022; EN ISO 11608-5:2023
Asendab dokumenti: EVS-EN ISO 11608-5:2012

EVS-EN ISO 8536-15:2022/A1:2023

Infusion equipment for medical use - Part 15: Light-protective infusion sets for single use - Amendment 1 (ISO 8536-15:2022/Amd 1:2023)

This document specifies the requirements for infusion sets for single use that use light-protective agents in the fluid path materials (henceforth abbreviated as "light-protective infusion sets"). This document also provides guidelines for performance and quality specifications of materials used in light-protective infusion sets.

Keel: en
Alusdokumendid: ISO 8536-15:2022/Amd 1:2023; EN ISO 8536-15:2022/A1:2023
Muudab dokumenti: EVS-EN ISO 8536-15:2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 12255-10:2023

Wastewater treatment plants - Part 10: Safety principles

This document defines minimum safety requirements to be observed in the planning, construction or reconstruction of wastewater treatment plants. The purpose of this document is to ensure the protection of people.

Keel: en
Alusdokumendid: EN 12255-10:2023
Asendab dokumenti: EVS-EN 12255-10:2001

EVS-EN 15725:2023

Extended application on the fire performance of construction products and building elements: Principle of EXAP standards and EXAP reports

This document gives the procedures for preparing standards and reports following the extended application (EXAP) process using the results of reaction to fire tests, fire resistance tests (including other performance characteristics e.g. smoke leakage/control and/or durability of self-closing), and external fire exposure to roof tests undertaken for fire classification of products and product families in accordance with the various parts of EN 13501. EXAP rules limit the number of tests required by implementing methods to determine the fire classification of a range of products (e.g. range of product, larger dimensions etc.) and EXAP rules form a standardized technical agreement on the parameter changes. The fundamental concept of EXAP is the development of safe methods that provide extensions to the scope of the tested product while maintaining the required classification for the product. Test reports constitute the basis of an EXAP report. This document makes reference to ‘extended application standards’ throughout; wherever this term is used it refers to either a standard prepared by CEN/TC 127 ‘Fire safety in buildings’ or the relevant product standard which includes information on extended application. The European system currently permits extended application rules to be included in technical specifications. CEN Technical Committees and EOTA Working groups producing these rules are asked to seek the guidance of CEN/TC 127 to ensure that their rules comply with standards prepared by CEN/TC 127. In cases where extended application rules in harmonized EN product standards and ETAs do not comply with standards prepared by CEN/TC 127 the CEN BT are informed. This document does not cover the incorporation of the product into the construction works that is justified by national rules. Expert judgements (i.e. an opinion that is not considered/covered by an EXAP standard and only based on the experience of one individual) do not form part of this process.

Keel: en
Alusdokumendid: EN 15725:2023
Asendab dokumenti: EVS-EN 15725:2010
Asendab dokumenti: EVS-EN 15725:2010/AC:2012

EVS-EN 17020-5:2023

Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows - Part 5: Durability of self-closing of hinged and pivoted timber doorsets

This document is applicable to single and double leaf, hinged and pivoted doorsets with timber-based leaves or timber framed glazed door leaves, covered by EN 15269-3 and / or EN 15269-20. This document prescribes the methodology for extending the application of test results obtained from durability of self-closing test(s) conducted in accordance with EN 1191 and or EN 12605:2000, as appropriate. Subject to the completion of the appropriate self-closing test(s), the extended application can cover all or some of the following examples: - door leaf; pass doors; - glazed doorsets including vision panels and framed glazed doorsets; - side, transom and/or overpanels; - ventilation grilles and/or louvres; - wall or ceiling fixed elements (door

frame/suspension system); - glazing for door leaf, side, transom and flush over panels; - items of building hardware; - decorative finishes; - intumescent, strips, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel: en
Alusdokumendid: EN 17020-5:2023

EVS-EN 17805:2023

Water quality - Sampling, capture and preservation of environmental DNA from water

This document specifies procedures for sampling, capture and preservation of environmental DNA (eDNA) in aquatic environments, stemming from organisms that are or have recently been present in a waterbody, have visited it or whose DNA has been introduced to the waterbody through some mechanism. This document also covers procedures for avoiding sample contamination and ensuring DNA quality, key properties of the filtering procedure and equipment and reporting standards. This document does not include the collection of eDNA from biofilms, sediments or similar sample types and does not cover sampling designs.

Keel: en
Alusdokumendid: EN 17805:2023

EVS-EN 50136-2:2013/A1:2023

Alarm systems - Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT)

This European Standard specifies the general equipment requirements for the performance, reliability, resilience, security and safety characteristics of supervised premises transceiver (SPT) installed in supervised premises and used in alarm transmission systems (ATS). A supervised premises transceiver can be a stand-alone device or an integrated part of an alarm system. These requirements also apply to SPT's sharing means of interconnection, control, communication and power supplies with other applications. The alarm transmission system requirements and classifications are defined within EN 50136-1. Different types of alarm systems may in addition to alarm messages also send other types of messages, e.g. fault messages and status messages. The term alarm is used in this broad sense throughout the document. Additional requirements for the connection of specific types of alarm systems are given in the relevant European Standards. Because the SPT can be applied in different applications (e.g. I&HAS, fire and social alarm systems), requirements for the SPT, additional to those of this European Standard, may be specified in separate application specific documents. This European Standard specifies the requirements specific to alarm transmission. Application specific requirements for the connection of the SPT to specific types of alarm systems are given in the EN/TS 50131 series for I&HAS, and EN 54 series for fire. For other SPT applications, see the relevant National or European standards.

Keel: en
Alusdokumendid: EN 50136-2:2013/A1:2023
Muudab dokumenti: EVS-EN 50136-2:2013

EVS-EN 50136-2:2013+A1:2023

Alarm systems - Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT)

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Keel: en
Alusdokumendid: EN 50136-2:2013; EN 50136-2:2013/A1:2023
Konsolideerib dokumenti: EVS-EN 50136-2:2013
Konsolideerib dokumenti: EVS-EN 50136-2:2013/A1:2023

EVS-EN IEC 60335-2-9:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

This European Standard deals with the safety of electric portable appliances that have a cooking function, such as baking, roasting and grilling. Examples are barbecues for indoor use, contact grills, hotplates, food dehydrators, raclette grills, toasters and waffle irons.

Keel: en
Alusdokumendid: IEC 60335-2-9:2019; EN IEC 60335-2-9:2023
Asendab dokumenti: EVS-EN 60335-2-9:2003
Asendab dokumenti: EVS-EN 60335-2-9:2003/A1:2004

Asendab dokumenti: EVS-EN 60335-2-9:2003/A12:2007
Asendab dokumenti: EVS-EN 60335-2-9:2003/A13:2010
Asendab dokumenti: EVS-EN 60335-2-9:2003/A13:2010/AC:2012
Asendab dokumenti: EVS-EN 60335-2-9:2003/A13:2010/AC2:2011
Asendab dokumenti: EVS-EN 60335-2-9:2003/A2:2006

EVS-EN IEC 60335-2-9:2023/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

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Keel: en
Alusdokumendid: EN IEC 60335-2-9:2023/A11:2023
Muudab dokumenti: EVS-EN IEC 60335-2-9:2023

EVS-EN IEC 60335-2-9:2023+A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (IEC 60335-2-9:2019)

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are – barbecues for indoor use; – breadmakers; – candy floss appliances; – contact grills (griddles); – cookers; – food dehydrators; – hotplates; – induction wok hotplates; – pop-corn makers; – portable ovens; – raclette grills; – radiant grills; – roasters; – rotary grills; – rotisseries; – toasters; – waffle irons; Examples are illustrated in Figure 101. Appliances intended for normal household and similar use and that may also be used by laymen in shops, in light industry and on farms, are within the scope of this standard. However, if the appliance is intended to be used professionally to process food for commercial consumption, the appliance is not considered to be for household and similar use only. As far as is practicable, this document deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: — children playing with the appliance; — the use of the appliance by very young children; — the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this document. NOTE 102 Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements could be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities. NOTE 103 This standard does not apply to – stationary ovens and stationary grills (IEC 60335-2-6); – warming plates (IEC 60335-2-12); – frying pans and deep fat fryers (IEC 60335-2-13); – microwave ovens (IEC 60335-2-25); – barbecues for outdoor use (IEC 60335-2-78); – appliances intended to burn charcoal or similar combustible fuels; – appliances intended for commercial catering; – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

Keel: en
Alusdokumendid: IEC 60335-2-9:2019; EN IEC 60335-2-9:2023; EN IEC 60335-2-9:2023/A11:2023
Konsolideerib dokumenti: EVS-EN IEC 60335-2-9:2023
Konsolideerib dokumenti: EVS-EN IEC 60335-2-9:2023/A11:2023

EVS-EN ISO 19085-12:2021/A11:2023

Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning/profiling machines (ISO 19085-12:2021)

Amendment to EN ISO 19085-12:2021

Keel: en
Alusdokumendid: EN ISO 19085-12:2021/A11:2023
Muudab dokumenti: EVS-EN ISO 19085-12:2021

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 61340-2-1:2015+A1:2022

Electrostatics - Part 2-1: Measurement methods - Ability of materials and products to dissipate static electric charge (IEC 61340-2-1:2015 + IEC 61340-2-1:2015/AMD1:2022)

This part of IEC 61340 describes test methods for measuring the rate of dissipation of static charge of insulating and static dissipative materials and products. It includes a generic description of test methods and detailed test procedures for specific applications. The two test methods for measuring charge decay time, one using corona charging and one using a charged metal plate are different and it is possible that they will not give equivalent results. Nevertheless, each method has a range of applications for which it is best suited. The corona charging method is suitable for evaluating the ability of materials, for example textiles, packaging, to dissipate charge from their own surfaces. The charged metal plate method is suitable for evaluating the ability of

materials and objects such as gloves, finger cots, hand tools, to dissipate charge from conductive objects placed on or in contact with them. It is possible that the charged plate method will not be suitable for evaluating the ability of materials to dissipate charge from their own surfaces. In addition to its general application, this horizontal standard is also intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 108. One of the responsibilities of a technical committee is, wherever applicable, to make use of horizontal standards in the preparation of its publications. The contents of this horizontal standard shall not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 61340-2-1:2015; EN 61340-2-1:2015; IEC 61340-2-1:2015/AMD1:2022; EN 61340-2-1:2015/A1:2022
Konsolideerib dokumenti: EVS-EN 61340-2-1:2015
Konsolideerib dokumenti: EVS-EN 61340-2-1:2015/A1:2022

EVS-EN IEC 60404-12:2023

Magnetic materials - Part 12: Methods of test for the assessment of the thermal endurance of surface insulation coatings on electrical steel strip and sheet

IEC 60404-12:2023 is applicable to surface insulation coatings on electrical steel strip and sheet classified in IEC 60404-1-1. This document defines the general principles and technical details of the tests for the assessment of the thermal endurance of surface insulation coatings on electrical steel strip and sheet. The assessment is made by evaluating the change of a specified property of the surface insulation coating due to a heat treatment at a specified temperature up to 850 °C for a specified duration time up to 2 500 h. The specified property is measured at an ambient temperature of (23 ± 5) °C both without heat treatment and after heat treatment. This edition includes the following significant technical changes with respect to the previous edition: - the method of test for adhesion has been modified to match to the method of bend test specified in ISO 1519 using a cylindrical mandrel of 32 mm in diameter instead of the 30 mm diameter mandrel specified in the first edition; - the method of test for interlaminar insulation resistance has been modified to match to the method specified in IEC 60404-11 and the modified Franklin test has been removed; - the method of test for compressibility has been modified to match to the method of test for stacking factor specified in IEC 60404-13; - the concept of "resistance grades" has been removed; - the clamping pressure to be used at temperature ratings above 500 °C has been reduced to (0,01 ± 0,001) N/mm2; - the testing for continuous exposure has been made a subject to an agreement between the manufacturer and the purchaser and the procedure has been moved to an informative Annex A.

Keel: en
Alusdokumendid: IEC 60404-12:2023; EN IEC 60404-12:2023

25 TOOTMISTEHNOLOOGIA

EVS-EN 13523-14:2023

Coil coated metals - Test methods - Part 14: Chalking (Helmen method)

This document describes the procedure for determining objectively the chalking resulting from natural or artificial weathering of an organic coating on a metallic substrate. The advantage of this procedure for measuring chalking of an organic coating is that the result can be read off immediately on an instrument. Subjective judgement by visual comparison of test specimens with reference specimens is not necessary. Reproducible results can only be obtained by careful execution of the test. Special attention is paid to the adhesive tape and its application to the test surface. The test method is not applicable to embossed coatings. In the case of textured coatings, the degree of texture will influence readings. Also, dirt collection can influence readings on outdoor weathered specimens. NOTE Different methods for assessing chalking are in use. The results of these different methods are not comparable.

Keel: en
Alusdokumendid: EN 13523-14:2023
Asendab dokumenti: EVS-EN 13523-14:2014

EVS-EN 15085-4:2023

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 4: Tootmisnõuded
Railway applications - Welding of railway vehicles and components - Part 4: Production requirements

This series of standards applies to welding of metallic materials in the manufacture and maintenance of railway vehicles and their parts. This part of the series describes the production requirements (i.e. preparation and execution) of the welding work.

Keel: en
Alusdokumendid: EN 15085-4:2023
Asendab dokumenti: EVS-EN 15085-4:2007

EVS-EN 15085-5:2023

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 5: Kontrollimine, katsetamine ja dokumenteerimine
Railway applications - Welding of railway vehicles and components - Part 5: Inspection, testing and documentation

This series of standards applies to welding of metallic materials in the manufacture and maintenance of railway vehicles and their parts. This part of the series defines the classification levels as well as the requirements for manufacturers of welded railway vehicles and components. This part of the series specifies: - inspections and testing to be executed on the welds; - destructive as well as non-destructive tests to be performed; - necessary documentation to issue to declare the conformity of the products.

Keel: en
Alusdokumendid: EN 15085-5:2023
Asendab dokumenti: EVS-EN 15085-5:2007

EVS-EN 4877-002:2023

Aerospace series - Filler metals for welding - Part 002: Authorized filler metals

This document specifies a list of procurement specifications and standards for welding products authorized for the welding of parts.

Keel: en
Alusdokumendid: EN 4877-002:2023

EVS-EN ISO 5817:2023

Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections (ISO 5817:2023)

This document specifies quality levels of imperfections in fusion-welded joints (except for beam welding) in all types of steel, nickel, titanium and their alloys. It applies to material thickness ≥ 0,5 mm. It covers fully penetrated butt welds and all fillet welds. Its principles can also be applied to partial-penetration butt welds. Quality levels for beam-welded joints in steel are presented in ISO 13919-1. Three quality levels are given in order to permit application to a wide range of welded fabrication. They are designated by symbols B, C and D. Quality level B corresponds to the highest requirement on the finished weld. Several types of loads are considered, e.g. static load, thermal load, corrosion load, pressure load. Additional guidance on fatigue loads is given in Annex B. The quality levels refer to production and good workmanship. This document is applicable to: a) non-alloy and alloy steels; b) nickel and nickel alloys; c) titanium and titanium alloys; d) manual, mechanized and automatic welding; e) all welding positions; f) all types of welds, e.g. butt welds, fillet welds and branch connections; g) the following welding processes and their sub-processes, as defined in ISO 4063: — 11 metal arc welding without gas protection; — 12 submerged arc welding; — 13 gas-shielded metal arc welding; — 14 gas-shielded arc welding with non-consumable tungsten electrode; — 15 plasma arc welding; — 31 oxyfuel gas welding (for steel only). Metallurgical aspects, such as grain size and hardness, are not covered by this document.

Keel: en
Alusdokumendid: ISO 5817:2023; EN ISO 5817:2023
Asendab dokumenti: EVS-EN ISO 5817:2014

29 ELEKTROTEHNIKA

EVS-EN 60598-2-11:2013+A1:2022

Valgustid. Osa 2-11: Erinõuded. Akvaariumivalgustid
Luminaires - Part 2-11: Particular requirements - Aquarium luminaires (IEC 60598-2-11:2013 + IEC 60598-2-11:2013/AMD1:2022)

This part of the IEC 60598 series specifies requirements for household aquarium luminaires incorporating electric light sources on supply voltages not exceeding 1 000 V. NOTE In the U.S., electrical equipment used on or in aquariums must be supplied by voltages not exceeding 300 V.

Keel: en
Alusdokumendid: IEC 60598-2-11:2013; EN 60598-2-11:2013; IEC 60598-2-11:2013/AMD1:2022; EN 60598-2-11:2013/A1:2022
Konsolideerib dokumenti: EVS-EN 60598-2-11:2013
Konsolideerib dokumenti: EVS-EN 60598-2-11:2013/A1:2022

EVS-EN 61340-2-1:2015+A1:2022

Electrostatics - Part 2-1: Measurement methods - Ability of materials and products to dissipate static electric charge (IEC 61340-2-1:2015 + IEC 61340-2-1:2015/AMD1:2022)

This part of IEC 61340 describes test methods for measuring the rate of dissipation of static charge of insulating and static dissipative materials and products. It includes a generic description of test methods and detailed test procedures for specific applications. The two test methods for measuring charge decay time, one using corona charging and one using a charged metal plate are different and it is possible that they will not give equivalent results. Nevertheless, each method has a range of applications for which it is best suited. The corona charging method is suitable for evaluating the ability of materials, for example textiles, packaging, to dissipate charge from their own surfaces. The charged metal plate method is suitable for evaluating the ability of materials and objects such as gloves, finger cots, hand tools, to dissipate charge from conductive objects placed on or in contact with them. It is possible that the charged plate method will not be suitable for evaluating the ability of materials to dissipate charge from their own surfaces. In addition to its general application, this horizontal standard is also intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 108. One of the responsibilities of a technical committee is, wherever applicable, to make use of horizontal standards in the preparation of its publications. The contents of this horizontal standard shall not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 61340-2-1:2015; EN 61340-2-1:2015; IEC 61340-2-1:2015/AMD1:2022; EN 61340-2-1:2015/A1:2022
Konsolideerib dokumenti: EVS-EN 61340-2-1:2015
Konsolideerib dokumenti: EVS-EN 61340-2-1:2015/A1:2022

EVS-EN 61951-1:2017/A1:2023

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 1: Nickel-Cadmium

Amendment to EN 61951-1:2017

Keel: en
Alusdokumendid: IEC 61951-1:2017/AMD1:2023; EN 61951-1:2017/A1:2023
Muudab dokumenti: EVS-EN 61951-1:2017

EVS-EN IEC 60404-12:2023

Magnetic materials - Part 12: Methods of test for the assessment of the thermal endurance of surface insulation coatings on electrical steel strip and sheet

IEC 60404-12:2023 is applicable to surface insulation coatings on electrical steel strip and sheet classified in IEC 60404-1-1. This document defines the general principles and technical details of the tests for the assessment of the thermal endurance of surface insulation coatings on electrical steel strip and sheet. The assessment is made by evaluating the change of a specified property of the surface insulation coating due to a heat treatment at a specified temperature up to 850 °C for a specified duration time up to 2 500 h. The specified property is measured at an ambient temperature of (23 ± 5) °C both without heat treatment and after heat treatment. This edition includes the following significant technical changes with respect to the previous edition: - the method of test for adhesion has been modified to match to the method of bend test specified in ISO 1519 using a cylindrical mandrel of 32 mm in diameter instead of the 30 mm diameter mandrel specified in the first edition; - the method of test for interlaminar insulation resistance has been modified to match to the method specified in IEC 60404-11 and the modified Franklin test has been removed; - the method of test for compressibility has been modified to match to the method of test for stacking factor specified in IEC 60404-13; - the concept of "resistance grades" has been removed; - the clamping pressure to be used at temperature ratings above 500 °C has been reduced to (0,01 ± 0,001) N/mm2; - the testing for continuous exposure has been made a subject to an agreement between the manufacturer and the purchaser and the procedure has been moved to an informative Annex A.

Keel: en
Alusdokumendid: IEC 60404-12:2023; EN IEC 60404-12:2023

EVS-EN IEC 62246-4:2023

Reed switches - Part 4: Application in conjunction with Magnetic Actuator used for Magnetic Sensing Devices

IEC 62246-4:2023 gives additional requirements for the evaluation of functional characteristics on reed switching components operated by magnetic actuator and gives guidance for their implementation in selected applications. This document specifies test and measurement procedures for the application of reed switch (contact) based magnetic sensors. In case the application of a reed contact magnetic sensor determines additional requirements exceeding those specified in this document, the sensor is evaluated with this application in accordance with the relevant IEC or ISO standard(s) (e.g. IEC 62061 or ISO 13849 series, IEC 60335-1 and relevant parts of the IEC 60335-2 series, IEC 60730-1, IEC 61373, ISO 16750-3). This document does not apply to: – sensing or monitoring of the position of elements of interlocking devices for movable guards (see ISO 14119); – sensing or monitoring of the position of elements of pressure sensitive protective equipment (PSPE, see ISO 13856 series); – electrical equipment for measurement, control, and laboratory use (see IEC 61010-1); – aircraft – proximity switches (see ISO 6859-1). Information contained in this document is relevant to the application of a magnetic sensor on new installations as well as modifications to existing installations.

Keel: en
Alusdokumendid: IEC 62246-4:2023; EN IEC 62246-4:2023

EVS-EN IEC 62471-7:2023

Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation

IEC 62471-7:2023 specifies an assessment of the photobiological safety of electrical light sources and luminaires in normal use as well as some basic product requirements. It applies to electrical light sources and luminaires that emit radiation predominantly in the visible spectral range (380 nm to 780 nm) and are used to illuminate spaces or objects or used for signalling.

Keel: en
Alusdokumendid: IEC 62471-7:2023; EN IEC 62471-7:2023

EVS-HD 620 S3:2023

Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV up to and including 20,8/36 (42) kV

HD 620 applies to cables with extruded insulation and for rated voltages Uo/U(Um) from 3,6/6 (7,2) kV up to 20,8/36(42) kV used in power distribution systems of voltages not exceeding the maximum r.m.s. value of the system voltage Um. This Part (Part 1) specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD. Test methods specified are given EN 60228, EN 60229, EN 60332-1-2, EN 60811, EN 60885-3, HD 605 and HD 632. Attention should be drawn to the fact that a significant number of sections include references to long term tests which are collected in HD 605. These long-term tests are considered as necessary and reflect the best available knowledge for the existing cable design. They are related to specific designs and different philosophies concerning adequate measures against the influence of water.

However, it is the firm intention to reduce this large number of different tests, but more experience should be gained before starting to rationalise this important matter. The particular types of cables are specified in Parts 9 to 12. NOTE Parts 3, 4, 5, 6, 7 and 8 were withdrawn in HD 620 S2.

Keel: en
Alusdokumendid: HD 620 S3:2023
Asendab dokumenti: EVS-HD 620 S2:2010

31 ELEKTROONIKA

EVS-EN 50065-4-1:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-1: Low voltage decoupling filters - Generic specification

This document applies to decoupling filters installed on the low voltage mains network and operating in the frequency range 3 kHz to 148,5 kHz. It does not apply to EMI suppression filters incorporated in household equipment or other general electric equipment. It specifies the definitions, requirements and test methods of the functional, technical and environmental characteristics of the decoupling filter, e.g. impedance, transfer function, voltage drop, leakage current and power dissipation. The impedance and the transfer function are referred to the decoupling filter mains power ports (see Figure 1).

Keel: en
Alusdokumendid: EN 50065-4-1:2023
Asendab dokumenti: EVS-EN 50065-4-1:2002

EVS-EN 50065-4-3:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-3: Low voltage decoupling filter - Incoming filter

This document applies to incoming filters used to control the coupling of signals between the utility area and the consumer area, as illustrated in Figure 1. This document defines: - the minimum impedance in the relevant frequency band(s) at both utility port and consumer port, - the minimum attenuation of unwanted signals transmitted from the utility side to the consumer side and vice versa. This document applies to incoming filters designed for single or multiphase installations.

Keel: en
Alusdokumendid: EN 50065-4-3:2023
Asendab dokumenti: EVS-EN 50065-4-3:2003

EVS-EN 50065-4-4:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-4: Low voltage decoupling filter - Impedance filter

This document applies to impedance filters in a mains communication system, intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. These filters are used to set a suitable impedance, in the nominal frequency range of the mains signalling system, at any point of the low voltage mains network where a low impedance equipment is connected, as shown in Figure 1, in order to allow reliable operation of the mains signalling system. Impedance filters can be used either in utility or consumer networks. They can also be used in conjunction with incoming filters and segmentation filters.

Keel: en
Alusdokumendid: EN 50065-4-4:2023
Asendab dokumenti: EVS-EN 50065-4-4:2003

EVS-EN 50065-4-5:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-5: Low voltage decoupling filter - Segmentation filter

This document applies to segmentation filters in a mains communication system intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. These filters are used to control the coupling of signals between two areas of a mains communication system, as illustrated in Figure 1. This document defines in the relevant frequency range: - the minimum impedance at both ports of the filter, - the minimum attenuation of signals transmitted between the ports of the filter.

Keel: en
Alusdokumendid: EN 50065-4-5:2023
Asendab dokumenti: EVS-EN 50065-4-5:2003

EVS-EN 50065-4-6:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-6: Low voltage decoupling filters - Phase coupler

This document applies to phase couplers in a mains communication system intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. Phase couplers are used to control the coupling of communication signals between phases or sections of a mains communication system. This document defines - the requirements to ensure a minimum coupling between the phases or sections of a mains communication system, and - the requirements to ensure no change on the safety of the electrical installation.

Keel: en
Alusdokumendid: EN 50065-4-6:2023
Asendab dokumenti: EVS-EN 50065-4-6:2004

EVS-EN 60115-1:2023

Fixed resistors for use in electronic equipment - Part 1: Generic specification

This part of EN 60115 is a generic specification and is applicable to fixed resistors for use in electronic equipment. It establishes standard terms, inspection procedures and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.

Keel: en
Alusdokumendid: IEC 60115-1:2020; EN 60115-1:2023
Asendab dokumenti: EVS-EN 60115-1:2011
Asendab dokumenti: EVS-EN 60115-1:2011/A11:2015

EVS-EN IEC 60384-20:2023

Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount DC capacitors

This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyphenylene sulfide dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. This part of IEC 60384 specifies preferred ratings and characteristics and selects from IEC 60384-1:2021 the appropriate quality assessment procedures, tests and measuring methods, and gives general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification are of an equal or higher performance level; lower performance levels are not permitted. Capacitors for electromagnetic interference suppression are not included but are covered by IEC 60384-14.

Keel: en
Alusdokumendid: IEC 60384-20:2023; EN IEC 60384-20:2023
Asendab dokumenti: EVS-EN 60384-20:2015

EVS-EN IEC 60384-23:2023

Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount DC capacitors

This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyethylene naphthalate dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. This part of IEC 60384 specifies preferred ratings and characteristics, selects from IEC 60384-1:2021 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification are of an equal or higher performance level. Lower performance levels are not permitted. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Keel: en
Alusdokumendid: IEC 60384-23:2023; EN IEC 60384-23:2023
Asendab dokumenti: EVS-EN 60384-23:2015

EVS-EN IEC 61969-1:2023

Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 1: Design guidelines

This part of IEC 61969 contains design guidelines for outdoor enclosures for electrical and electronic equipment and is applicable over a wide field of mechanical, electromechanical and electronic equipment and its installation where a modular design is used. The objectives of this document are: - to provide an overview of specifications for enclosures focused on requirements for outdoor applications for stationary use at non-weather protected locations, and - to achieve product integrity under outdoor conditions and to ease product selection for the sourcing of outdoor enclosures from different vendors. These enclosures are considered to contain any equipment and provide protection for the outdoor installed facilities against unwanted environmental impacts. The installed equipment can be, but is not limited to, subracks or chassis according to IEC 60917 (all parts) or IEC 60297 (all parts). A typical outdoor enclosure is shown in Figure 1.

Keel: en
Alusdokumendid: IEC 61969-1:2023; EN IEC 61969-1:2023
Asendab dokumenti: EVS-EN IEC 61969-1:2020

EVS-EN IEC 62471-7:2023

Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation

IEC 62471-7:2023 specifies an assessment of the photobiological safety of electrical light sources and luminaires in normal use as well as some basic product requirements. It applies to electrical light sources and luminaires that emit radiation predominantly in the visible spectral range (380 nm to 780 nm) and are used to illuminate spaces or objects or used for signalling.

Keel: en
Alusdokumendid: IEC 62471-7:2023; EN IEC 62471-7:2023

33 SIDETEHNIKA

EVS-EN 50065-4-1:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-1: Low voltage decoupling filters - Generic specification

This document applies to decoupling filters installed on the low voltage mains network and operating in the frequency range 3 kHz to 148,5 kHz. It does not apply to EMI suppression filters incorporated in household equipment or other general electric equipment. It specifies the definitions, requirements and test methods of the functional, technical and environmental characteristics of the decoupling filter, e.g. impedance, transfer function, voltage drop, leakage current and power dissipation. The impedance and the transfer function are referred to the decoupling filter mains power ports (see Figure 1).

Keel: en
Alusdokumendid: EN 50065-4-1:2023
Asendab dokumenti: EVS-EN 50065-4-1:2002

EVS-EN 50065-4-3:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-3: Low voltage decoupling filter - Incoming filter

This document applies to incoming filters used to control the coupling of signals between the utility area and the consumer area, as illustrated in Figure 1. This document defines: - the minimum impedance in the relevant frequency band(s) at both utility port and consumer port, - the minimum attenuation of unwanted signals transmitted from the utility side to the consumer side and vice versa. This document applies to incoming filters designed for single or multiphase installations.

Keel: en
Alusdokumendid: EN 50065-4-3:2023
Asendab dokumenti: EVS-EN 50065-4-3:2003

EVS-EN 50065-4-4:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-4: Low voltage decoupling filter - Impedance filter

This document applies to impedance filters in a mains communication system, intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. These filters are used to set a suitable impedance, in the nominal frequency range of the mains signalling system, at any point of the low voltage mains network where a low impedance equipment is connected, as shown in Figure 1, in order to allow reliable operation of the mains signalling system. Impedance filters can be used either in utility or consumer networks. They can also be used in conjunction with incoming filters and segmentation filters.

Keel: en
Alusdokumendid: EN 50065-4-4:2023
Asendab dokumenti: EVS-EN 50065-4-4:2003

EVS-EN 50065-4-5:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-5: Low voltage decoupling filter - Segmentation filter

This document applies to segmentation filters in a mains communication system intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. These filters are used to control the coupling of signals between two areas of a mains communication system, as illustrated in Figure 1. This document defines in the relevant frequency range: - the minimum impedance at both ports of the filter, - the minimum attenuation of signals transmitted between the ports of the filter.

Keel: en
Alusdokumendid: EN 50065-4-5:2023
Asendab dokumenti: EVS-EN 50065-4-5:2003

EVS-EN 50065-4-6:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-6: Low voltage decoupling filters - Phase coupler

This document applies to phase couplers in a mains communication system intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. Phase couplers are used to control the coupling of communication signals between phases or sections of a mains communication system. This document defines - the requirements to ensure a minimum coupling between the phases or sections of a mains communication system, and - the requirements to ensure no change on the safety of the electrical installation.

Keel: en
Alusdokumendid: EN 50065-4-6:2023
Asendab dokumenti: EVS-EN 50065-4-6:2004

EVS-EN 50136-2:2013/A1:2023

Alarm systems - Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT)

This European Standard specifies the general equipment requirements for the performance, reliability, resilience, security and safety characteristics of supervised premises transceiver (SPT) installed in supervised premises and used in alarm transmission systems (ATS). A supervised premises transceiver can be a stand-alone device or an integrated part of an alarm system. These requirements also apply to SPT's sharing means of interconnection, control, communication and power supplies with other applications. The alarm transmission system requirements and classifications are defined within EN 50136-1. Different types of alarm systems may in addition to alarm messages also send other types of messages, e.g. fault messages and status messages. The term alarm is used in this broad sense throughout the document. Additional requirements for the connection of specific types of alarm systems are given in the relevant European Standards. Because the SPT can be applied in different applications (e.g. I&HAS, fire and social alarm systems), requirements for the SPT, additional to those of this European Standard, may be specified in separate application specific documents. This European Standard specifies the requirements specific to alarm transmission. Application specific requirements for the connection of the SPT to specific types of alarm systems are given in the EN/TS 50131 series for I&HAS, and EN 54 series for fire. For other SPT applications, see the relevant National or European standards.

Keel: en
Alusdokumendid: EN 50136-2:2013/A1:2023
Muudab dokumenti: EVS-EN 50136-2:2013

EVS-EN 50136-2:2013+A1:2023

Alarm systems - Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT)

This European Standard specifies the general equipment requirements for the performance, reliability, resilience, security and safety characteristics of supervised premises transceiver (SPT) installed in supervised premises and used in alarm transmission systems (ATS). A supervised premises transceiver can be a stand-alone device or an integrated part of an alarm system. These requirements also apply to SPT's sharing means of interconnection, control, communication and power supplies with other applications. The alarm transmission system requirements and classifications are defined within EN 50136 1. Different types of alarm systems may in addition to alarm messages also send other types of messages, e.g. fault messages and status messages. The term alarm is used in this broad sense throughout the document. Additional requirements for the connection of specific types of alarm systems are given in the relevant European Standards. Because the SPT can be applied in different applications (e.g. I&HAS, fire and social alarm systems), requirements for the SPT, additional to those of this European Standard, may be specified in separate application specific documents. This European Standard specifies the requirements specific to alarm transmission. Application specific requirements for the connection of the SPT to specific types of alarm systems are given in the EN 50131 (all parts) for I&HAS, and EN 54 (all parts) for fire. For other SPT applications, see the relevant National or European standards.

Keel: en
Alusdokumendid: EN 50136-2:2013; EN 50136-2:2013/A1:2023
Konsolideerib dokumenti: EVS-EN 50136-2:2013
Konsolideerib dokumenti: EVS-EN 50136-2:2013/A1:2023

EVS-EN IEC 60794-1-308:2023

Optical fibre cables - Part 1-308: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon residual twist test, method G8

IEC 60794-1-308: 2023 describes test procedures to evaluates the degree of permanent twist in an uncabled ribbon or in a cabled optical fibre ribbon. This document applies to optical fibre ribbons in optical cables for use with telecommunication equipment and devices employing similar techniques, and to optical fibre ribbons in cables having a combination of both optical fibres and electrical conductors. This document is not applicable to partially-bonded ribbons. The method for partially-bonded ribbons is under consideration. Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. NOTE The environmental testing of optical fibre ribbon would be valuable for some applications. Useful information about suitable test methods can be found in the optical fibre standards IEC 60793-1-50, IEC 60793-1-51, IEC 60793-1-52, and IEC 60793-1-53.

Keel: en
Alusdokumendid: IEC 60794-1-308:2023; EN IEC 60794-1-308:2023
Asendab osaliselt dokumenti: EVS-EN IEC 60794-1-23:2019

EVS-EN IEC 61076-3-126:2023

Connectors for electrical and electronic equipment - Product requirements - Part 3-126: Rectangular connectors - Detail specification for 5-way power connectors for industrial environments with push-pull locking

IEC 61076-3-126:2023 covers 5-pole rectangular connectors for electric power supply up to 16 A per pole. These connectors consist of fixed and free connectors, both either rewirable or non-rewirable. This document employs the general function principles of the push-pull connector housing system described in IEC 61076-3-117 with IP65/IP67 degree of protection according to IEC 60529 for harsh applications. Male connectors have pin contacts with square cross-section with 1 mm side. Connectors according to this document are without breaking capacity COC according to IEC 61984, therefore they are not intended to be engaged or disengaged in normal use when live or under load.

Keel: en
Alusdokumendid: IEC 61076-3-126:2023; EN IEC 61076-3-126:2023

EVS-EN IEC 61291-2:2023

Optical amplifiers - Part 2: Single channel applications - Performance specification template

IEC 61292-2:2023 provides a performance specification template applicable to optical amplifiers (OAs) used in single channel applications. Multichannel applications are covered in IEC 61291-4. The objective of this template is to provide a framework for the preparation of performance standards and/or product specifications defining the performance of OA devices used in single channel applications. In addition to the requirements specified in this template, a performance standard or product specification could include other parameters, such as ratings, operating conditions, tests, and pass/fail criteria. For a particular application, product specification writers could add specification parameters and/or groups of specification parameters to this template, without removing the parameters specified in this document. This fifth edition cancels and replaces the fourth edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - the test methods for gain ripple in Table 2, Table 4 and Table 6 refer now to the IEC 61290-1 series; - the SOA definition (3.1.3) refers now to IEC 61931.

Keel: en
Alusdokumendid: IEC 61291-2:2023; EN IEC 61291-2:2023
Asendab dokumenti: EVS-EN 61291-2:2016

EVS-EN IEC 62148-22:2023

Fibre optic active components and devices - Package and interface standards - Part 22: 25 Gbit/s directly modulated laser packages with temperature control unit

IEC 62148-22: 2023 defines the physical dimensions and interface specifications for directly modulated laser (DML) devices used in optical telecommunication and optical data transmission applications. The intent of this document is to adequately specify the physical requirements for DML devices so as to enable mechanical interchangeability of laser devices or transmitters complying with this document both at the printed circuit board and for any panel-mounting requirements.

Keel: en
Alusdokumendid: IEC 62148-22:2023; EN IEC 62148-22:2023

EVS-EN IEC 62149-12:2023

Fibre optic active components and devices - Performance standards - Part 12: Distributed feedback laser diode device for analogue radio over fibre systems

This part of IEC 62149 defines performance specifications for distributed feedback laser diode (DFB-LD) devices used in analogue radio over fibre (RoF) systems. It defines product performance requirements together with a series of tests and measurements with clearly defined conditions, severities, and pass/fail criteria. The tests are intended to be run on a “once-off” basis to prove a product’s ability to satisfy the performance requirements.

Keel: en
Alusdokumendid: IEC 62149-12:2023; EN IEC 62149-12:2023

35 INFOTEHNOLOOGIA

CEN ISO/TS 17251:2023

Health informatics - Business requirements for a syntax to exchange structured dose information for medicinal products (ISO/TS 17251:2023)

This document specifies the business requirements for the structured content of structured or semi-structured dose instructions for recording dose instructions in the electronic health record (EHR), supporting clinical decision support, and in exchanging medication orders, as applicable to primary, secondary and tertiary care. This document is focused on the dose instructions as will be presented to the individual subject of care or caregiver. Comprehension of dose instructions by the subject of care or caregiver is an overarching consideration for subject of care safety and the best outcomes. Related factors are discussed but are not part of the primary scope. This document does not define an information model, except to the extent that those information model concepts are necessary to define business requirements. Outside the scope of this document are: — The implementation of dose instructions, i.e. assembling the structured elements into a form appropriate for the patient or caregiver; — The content of a medication order (see ISO 17523) beyond content related to dose instructions; — The content of a record of dispense of a medicinal product (see ISO/TS 19293); — The functionality of health, clinical and/or pharmacy systems; — Other kinds of content of health, clinical or pharmacy systems that are needed to support the whole process of health care providers, such as: — A drug knowledge database (see ISO/TS 22756); — A decision support system (see ISO/TS 22756 and ISO/TS 22703); — A complete medical record (EHR); — A medicinal product dictionary (see ISO/TS 19256); — Verification of the medicinal product and dose being administered. — Some concepts from Identification of Medicinal Products are referenced, but not defined, in this document. See Clause 4 for discussion of the relationship of this document with IDMP.

Keel: en
Alusdokumendid: ISO/TS 17251:2023; CEN ISO/TS 17251:2023
Asendab dokumenti: CEN ISO/TS 17251:2016

37 VISUAALTEHNIKA

EVS-EN IEC 60601-2-43:2023

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivsete protseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2022)

Asendus: See dokument on kohaldatav selliste FIKSEERITUD ja ka TEISALDATAVATE RÖNTGENSEADMETE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE, mille TOOTJA on kinnitanud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVSETES PROTSEDUURIDES ja mida edaspidi nimetatakse MENETLUSRÖNTGENSEADMETEKS. Selle dokumendi käsitlusalast on välja jäetud — KIIRITUSRAVI seadmed, — KOMPUUTERTOMOGRAAFIA seadmed, — PATSIENDI KEHASSE SISESTAMISEKS MÕELDUD LISASEADISED, — mammograafilised RÖNTGENSEADMED, — hambaRÖNTGENSEADMED. MÄRKUS 1 Näiteid FLUOROSKOOPILISELT JUHITAVATE INVASIIVSETE PROTSEDUURIDE kohta, mille puhul on soovitatav kasutada sellele dokumendile vastavaid MENETLUSRÖNTGENSEADMEID, on toodud lisas AA. MÄRKUS 2 SELLES DOKUMENDIS EI KÄSITLETA ERINÕUDEID MAGNETNAVIGATSIOONISEADMETELE EGA ERINÕUDEID MENETLUSRÖNTGENSEADMETE KASUTAMISELE OPERATSIOONITOA KESKKONNAS; SEEGA EI OLE SELLISTE SEADMETE EGA SELLISE KASUTAMISE KOHTA ANTUD MINGEID ERINÕUDEID. IGAL JUHUL ON SELLISED SEADMED JA SELLINE KASUTAMINE KAETUD ÜLDNÕUETE PEATÜKIGA. MÄRKUS 3 Koonuskimpkompuutertomograafia režiimis (ehk koonuskimp-KT-režiimis) kasutatav MENETLUSRÖNTGENSEADE on kaetud siinse dokumendiga, mitte standardiga IEC 60601-2-44 [1] . Siinse dokumendi kontekstis ei ole koonuskimp-KT-režiimis talitluseks määratletud mingeid lisanõudeid (vt ka märkus 5 jaotises 203.6.4.5). MENETLUSRÖNTGENSEADMED, MILLE ON TOOTJA KINNITANUD OLEMA SOBILIKUD KASUTAMISEKS FLUOROSKOOPILISELT JUHITAVATES INVASIIVSETES PROTSEDUURIDES, KUID MILLEL PUUDUB SÜSTEEMI OSANA PATSIENDILAUD, ON VABASTATUD SELLE DOKUMENDI SÄTETEST PATSIENDILAUALE. Kui peatükk või jaotis on spetsiifiliselt ette nähtud kohaldamiseks ainult MENETLUSRÖNTGENSEADMETELE või ainult EM-SÜSTEEMIDELE, on see väljendatud selle peatüki või jaotise pealkirjas ja sisus. Kui seda pole öeldud, on see peatükk või jaotis asjakohaselt kohaldatav nii MENETLUSRÖNTGENSEADMETELE kui ka EM-SÜSTEEMIDELE. IEC 60601-2-54 on kohaldatav ainult selle viidatud jaotiste puhul; standardi IEC 60601-2-54 viitamata jaotised ei ole kohaldatavad.

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2022; EN IEC 60601-2-43:2023
Asendab dokumenti: EVS-EN 60601-2-43:2010
Asendab dokumenti: EVS-EN 60601-2-43:2010/A1:2018
Asendab dokumenti: EVS-EN 60601-2-43:2010/A2:2020
Asendab dokumenti: EVS-EN 60601-2-43:2010/AC:2014
Asendab dokumenti: EVS-EN 60601-2-43:2010+A1:2018
Asendab dokumenti: EVS-EN 60601-2-43:2010+A1+A2:2020

39 TÄPPISMEHAANIKA. JUVEELITOOTED

EVS-EN ISO 11210:2023

Jewellery and precious metals - Determination of platinum - Gravimetry using ammonium chloride (ISO 11210:2023)

This document specifies a gravimetric method for the determination of platinum in platinum alloys. The platinum content of sample lies preferably between 50 and 999 parts per thousands (‰) by weight. Fineness above 999 ‰ can be determined using a spectroscopy method by difference (e.g. ISO 15093). This method is also intended to be used as one of the recommended methods for the determination of fineness in jewellery alloys covered by ISO 9202.

Keel: en
Alusdokumendid: EN ISO 11210:2023; ISO 11210:2023
Asendab dokumenti: EVS-EN ISO 11210:2016

43 MAANTEESÕIDUKITE EHITUS

CEN/TS 17831:2023

Cycles - Electrically power assisted cycles - Anti-tampering measures

This document is intended to cover anti-tampering requirements of EN 15194:2017, 4.2.17. It provides reproducible test methods recognized by the market aiming at protecting safety and fighting tampering of electric power assisted cycles.

Keel: en
Alusdokumendid: CEN/TS 17831:2023

45 RAUDTEETEHNIKA

EVS-EN 15085-4:2023

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 4: Tootmisnõuded
Railway applications - Welding of railway vehicles and components - Part 4: Production requirements

This series of standards applies to welding of metallic materials in the manufacture and maintenance of railway vehicles and their parts. This part of the series describes the production requirements (i.e. preparation and execution) of the welding work.

Keel: en
Alusdokumendid: EN 15085-4:2023
Asendab dokumenti: EVS-EN 15085-4:2007

EVS-EN 15085-5:2023

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 5: Kontrollimine, katsetamine ja dokumenteerimine
Railway applications - Welding of railway vehicles and components - Part 5: Inspection, testing and documentation

This series of standards applies to welding of metallic materials in the manufacture and maintenance of railway vehicles and their parts. This part of the series defines the classification levels as well as the requirements for manufacturers of welded railway vehicles and components. This part of the series specifies: - inspections and testing to be executed on the welds; - destructive as well as non-destructive tests to be performed; - necessary documentation to issue to declare the conformity of the products.

Keel: en
Alusdokumendid: EN 15085-5:2023
Asendab dokumenti: EVS-EN 15085-5:2007

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 10088:2023

Väikelaevad. Püsipaigaldusega kütusesüsteemid
Small craft - Permanently installed fuel systems (ISO 10088:2022)

Selles dokumendis määratakse kindlaks sisepõlemismootorite püsipaigaldusega kütusesüsteemide projekteerimise, materjalide, konstruktsiooni, paigaldamise ja katsetamise nõuded. Seda kohaldatakse püsipaigaldatud diisel- ja bensiinimootori kütusesüsteemide kõigile osadele, nagu need on paigaldatud, alates sise- ja päramootoriga väikelaevade kütuse täitmisavast kuni käituri või lisamootori(te) ühenduskohani. Nõuded väikelaevadesse püsipaigaldatud sisepõlemismootorite bensiini- ja diislikütuse paakide projekteerimiseks ja katsetamiseks on esitatud standardis ISO 21487:2022

Keel: en, et
Alusdokumendid: EN ISO 10088:2023; ISO 10088:2022
Asendab dokumenti: EVS-EN ISO 10088:2017

EVS-EN ISO 11591:2020/A1:2023

Väikelaevad. Nähtavus roolimiskohast
Small craft - Field of vision from the steering position - Amendment 1 (ISO 11591:2020/Amd 1:2022)

Amendment to EN ISO 11591:2020

Keel: en
Alusdokumendid: ISO 11591:2020/Amd 1:2022; EN ISO 11591:2020/A1:2023
Muudab dokumenti: EVS-EN ISO 11591:2020

EVS-EN ISO 13590:2023

Väikelaevad. Isiklik veesõiduk. Ehituse ja süsteemipaigalduse nõuded
Small craft - Personal watercraft - Construction and system installation requirements (ISO 13590:2022)

This document applies to personal watercraft as defined in 3.1, for the construction and installation of builder's plate, permanently installed petrol fuel systems, electrical systems, steering systems, ventilation, hull structure and floatation, stability, freeboard, mooring and towing, flooding, off-throttle steering and owner's manual. Outboard powered personal watercraft or jet powered surfboards are outside the scope of this standard.

Keel: en
Alusdokumendid: EN ISO 13590:2023; ISO 13590:2022
Asendab dokumenti: EVS-EN ISO 13590:2018

EVS-EN ISO 21487:2023

Väikelaevad. Püsipaigaldatud bensiini- ja diislikütuse paagid
Small craft - Permanently installed petrol and diesel fuel tanks (ISO 21487:2022)

This document establishes requirements for design, construction, installation and test of petrol and diesel fuel tanks, for internal combustion engines, that are intended to be permanently installed in small craft. For installation requirements, ISO 10088:2013 applies.

Keel: en
Alusdokumendid: EN ISO 21487:2023; ISO 21487:2022
Asendab dokumenti: EVS-EN ISO 21487:2012

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 252:2023

Conveyor belts - Adhesion between constitutive elements - Test methods (ISO 252:2023)

This document specifies two test methods, A and B, for determining the adhesion strength between constitutive elements of a conveyor belt, i.e. between plies and between covers and carcass. Basic test conditions are in conformity with ISO 36. It is applicable to all types of construction of conveyor belting with the exception of belts containing steel cord reinforcement, and textile-reinforced belts with a full-thickness tensile strength of less than 160 N/mm. It is not suitable or valid for light conveyor belts as described in ISO 21183-1[1]. NOTE Methods A and B are alternative options, but the mean adhesive force values calculated for the two methods can be different. Also, as both methods might not be equally suitable for all belt constructions, it is advisable that the advice of the belt manufacturer be sought.

Keel: en
Alusdokumendid: ISO 252:2023; EN ISO 252:2023
Asendab dokumenti: EVS-EN ISO 252:2007

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 17665:2022+A1:2023

Pakend. Katsemeetodid ja nõuded, mis näitavad, et plastkorgid ja -kaaned jäävad pärast avamist joogipakendi külge kinnitatuks
Packaging - Test methods and requirements to demonstrate that plastic caps and lids remain attached to beverage containers

This document specifies the requirements and test methods to demonstrate that plastic caps and lids of single-use beverage containers with a capacity of up to three litres remain attached to the container during the product's intended use stage. This document also addresses the need to ensure the necessary strength, reliability and safety of beverage container closures, including those for carbonated drinks. This document applies to the strength, reliability and safety impacted by the attachment features and does not apply to the overall closure system.

Keel: en
Alusdokumendid: EN 17665:2022+A1:2023
Asendab dokumenti: EVS-EN 17665:2022

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 15195:2023

Liquid petroleum products - Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber

This document specifies a test method for the quantitative determination of ignition delay of middle distillate fuels intended for use in compression ignition engines. The method utilizes a constant volume combustion chamber designed for operation by compression ignition, and employing direct injection of fuel into compressed air that is controlled to a specified pressure and temperature. An equation is given to calculate the derived cetane number (DCN) from the ignition delay measurement. This document covers the ignition delay range from 2,58 ms to 6,34 ms (76,8 DCN to 33,9 DCN). The combustion analyser can measure shorter or longer ignition delays, but precision is not known. This document is applicable to diesel fuels, including those containing fatty acid methyl esters (FAME) up to 30 % (V/V). The method is also applicable to middle distillate fuels of non-petroleum origin, oil-sands based fuels, blends of fuel containing biodiesel material, diesel fuel oils containing cetane number improver additives and low-sulfur diesel fuel oils. Furthermore, the method is applicable to paraffinic diesel from synthesis or hydrotreatment, containing up to a volume fraction of 7 % FAME [1]. However, users applying this document especially to unconventional distillate fuels are warned that the relationship between derived cetane number and combustion behaviour in real engines is not yet fully understood. The test method is also applicable to the quantitative determination of the ignition characteristics of FAME, especially the ignition delay. However, analysis of the data available, regarding correlation with EN ISO 5165, is inconclusive. So the determination of derived cetane number for FAME fuel, also known as B100, has not been included in the precision determination as in Clause 12. NOTE For the purpose of this document, the expression "% (V/V)" is used to represent the volume fraction and "% (m/m)" the mass fraction. WARNING — The use of this document may 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 15195:2023
Asendab dokumenti: EVS-EN 15195:2014

EVS-EN 16568:2023

Automotive fuels - Blends of Fatty acid methyl ester (FAME) with diesel fuel - Determination of oxidation stability by rapidly accelerated oxidation method at 120 °C

This document specifies a test method for the determination of the oxidation stability at 120 °C of fuels for diesel engines, by means of measuring the induction period of the fuel up to 20 h. The method is applicable to blends of FAME with petroleum-based diesel having a FAME content in the range between 2 % (V/V) and 50 % (V/V). NOTE 1 An almost identical test method for oxidation stability at 110 °C is described in EN 15751 [1], which applies to pure FAME and diesel/FAME blends 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 [3]. NOTE 2 The precision of this method was determined using samples with a maximum induction period of approximately 20 h. Higher induction periods are not covered by the precision statement; however, experience from EN 15751 indicates sufficient precision up to 48 h. NOTE 3 The presence of cetane improver can reduce the oxidation stability determined by this test method. Limited studies with 2-ethyl hexyl nitrate (EHN) indicated 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.

Keel: en
Alusdokumendid: EN 16568:2023
Asendab dokumenti: EVS-EN 16568:2014

77 METALLURGIA

EVS-EN ISO 3252:2023

Powder metallurgy - Vocabulary (ISO 3252:2023)

This document defines terms relating to powder metallurgy. Powder metallurgy is the branch of metallurgy which relates to the manufacture of metallic powders, or of articles made from such powders with or without the addition of non-metallic powders, by the application of forming and sintering processes.

Keel: en
Alusdokumendid: EN ISO 3252:2023; ISO 3252:2023
Asendab dokumenti: EVS-EN ISO 3252:2019

79 PUIDUTEHNOLOOGIA

EVS-EN ISO 19085-12:2021/A11:2023

Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning/profiling machines (ISO 19085-12:2021)

Amendment to EN ISO 19085-12:2021

Keel: en
Alusdokumendid: EN ISO 19085-12:2021/A11:2023
Muudab dokumenti: EVS-EN ISO 19085-12:2021

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 17092:2023

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of corrosion resistance of monolithic ceramics in acid and alkaline solutions (ISO 17092:2005)

ISO 17092:2005 describes the test method for determining the corrosion resistance of fine ceramics in acid and alkaline solutions, such as sulfuric acid and sodium hydroxide. This International Standard is designed to provide an assessment of the mass changes and dimensional changes of test specimens following the corrosion test immersed in the corrosive liquids, and to assess whether corrosion has a significant effect on the subsequent strength. This test method may be used for development of materials, quality control, characterization, and design-data generation purposes.

Keel: en
Alusdokumendid: ISO 17092:2005; EN ISO 17092:2023
Asendab dokumenti: EVS-EN 12923-1:2007

EVS-EN ISO 20509:2023

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of oxidation resistance of non-oxide monolithic ceramics (ISO 20509:2003)

ISO 20509:2003 describes the method of test for determining the oxidation resistance of non-oxide monolithic ceramics, such as silicon nitride, sialon and silicon carbide at high temperatures. This International Standard is designed to provide an assessment of the mass and dimensional changes of test pieces following oxidation at high temperature in an oxidizing atmosphere, and to assess whether oxidation has a significant effect on the subsequent strength. This test method may be used for materials development, quality control, characterization, and design data generation purposes.

Keel: en

Alusdokumendid: ISO 20509:2003; EN ISO 20509:2023

EVS-EN ISO 24370:2023

Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for fracture toughness of monolithic ceramics at room temperature by chevron-notched beam (CNB) method (ISO 24370:2005)

This International Standard ISO 24370 specifies a test method for determining the fracture toughness of monolithic ceramic materials at room temperature by the chevron-notched beam (CNB) method. This International Standard is applicable to monolithic ceramics and whisker- or particulate-reinforced ceramics that are regarded as macroscopically homogeneous. It is not applicable to continuous-fibre reinforced ceramic composites. This International Standard is usually applicable to ceramic materials with a fracture toughness less than about 12 MPa(m1/2). The test method is applicable to materials with a flat crack-growth resistance curve and may be applicable to materials with a rising crack-growth resistance curve (R-curve).

Keel: en
Alusdokumendid: ISO 24370:2005; EN ISO 24370:2023
Asendab dokumenti: EVS-EN 14425-3:2010

91 EHITUSMATERJALID JA EHITUS

EVS-EN 14154-4:2023

Water meters - Part 4: Additional functionalities

This document specifies definitions, requirements and testing of additional functionalities for water meters, without metrological impact, in combination with Additional Functionality Devices (AFD) and in response to EU/EFTA Mandate M/441 EN. These AFDs are considered as “ancillary devices” as defined in EN ISO 4064-1:2017 and EN ISO 4064-4:2014. This document does not cover the changing of metrological software within the meter or the upload/download of metrological software. NOTE A manufacturer can claim compliance only for additional functionalities described in this document. It is not mandatory that an AFD complies with all additional functionalities described herein.

Keel: en
Alusdokumendid: EN 14154-4:2023
Asendab dokumenti: EVS-EN 14154-4:2014

EVS-EN 17020-5:2023

Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows - Part 5: Durability of self-closing of hinged and pivoted timber doorsets

This document is applicable to single and double leaf, hinged and pivoted doorsets with timber-based leaves or timber framed glazed door leaves, covered by EN 15269-3 and / or EN 15269-20. This document prescribes the methodology for extending the application of test results obtained from durability of self-closing test(s) conducted in accordance with EN 1191 and or EN 12605:2000, as appropriate. Subject to the completion of the appropriate self-closing test(s), the extended application can cover all or some of the following examples: - door leaf; pass doors; - glazed doorsets including vision panels and framed glazed doorsets; - side, transom and/or overpanels; - ventilation grilles and/or louvres; - wall or ceiling fixed elements (door frame/suspension system); - glazing for door leaf, side, transom and flush over panels; - items of building hardware; - decorative finishes; - intumescent, strips, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel: en
Alusdokumendid: EN 17020-5:2023

EVS-EN IEC 60379:2023

Methods for measuring the performance of electric storage water heaters for household purposes

This Standard specifies methods for measuring the performance of electric storage water heaters to produce domestic potable or non-potable hot water for household and similar use. The object is to state and define the principal performance characteristics of electric storage water heaters and to describe the test methods for measuring these characteristics. NOTE 1 This standard does not apply to; - storage water heaters that use electricity as a secondary source of heating the water; - storage water heaters that do not use a tank to storage hot water; - electric storage water heaters that do not meet the minimum (or maximum) output performance of the smallest (or biggest) load profile, as defined in Table 4. - water-heaters without thermal insulation NOTE 2 This standard does not specify safety requirements. For safety requirements see IEC 60335-1 in conjunction with IEC 60335-2-21.

Keel: en
Alusdokumendid: IEC 60379:2023; EN IEC 60379:2023
Asendab dokumenti: EVS-EN 60379:2004

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 12790-1:2023

Lapsehooldustooted. Kallutatud lamamisasendiga hällid (ehk kaldhällid). Osa 1: Kaldhällid lastele, kes veel ei tõuse istuma
Child care articles - Reclined cradles - Part 1: Reclined cradles for children up to when they start to try to sit up

This document specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to when they start to try to sit up. This document applies also to car seats complying with UN ECE R44 or UN ECE R129 that can be used as reclined cradles according to manufacturer's instructions. If usage as reclined cradle is not included in the product information or marketing material, car seats are excluded from the scope of this document. If a reclined cradle has several functions or can be converted into another function the relevant European standards apply to it.

Keel: en
Alusdokumendid: EN 12790-1:2023
Asendab dokumenti: EVS-EN 12790:2009

EVS-EN 50065-4-1:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-1: Low voltage decoupling filters - Generic specification

This document applies to decoupling filters installed on the low voltage mains network and operating in the frequency range 3 kHz to 148,5 kHz. It does not apply to EMI suppression filters incorporated in household equipment or other general electric equipment. It specifies the definitions, requirements and test methods of the functional, technical and environmental characteristics of the decoupling filter, e.g. impedance, transfer function, voltage drop, leakage current and power dissipation. The impedance and the transfer function are referred to the decoupling filter mains power ports (see Figure 1).

Keel: en
Alusdokumendid: EN 50065-4-1:2023
Asendab dokumenti: EVS-EN 50065-4-1:2002

EVS-EN 50065-4-3:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-3: Low voltage decoupling filter - Incoming filter

This document applies to incoming filters used to control the coupling of signals between the utility area and the consumer area, as illustrated in Figure 1. This document defines: - the minimum impedance in the relevant frequency band(s) at both utility port and consumer port, - the minimum attenuation of unwanted signals transmitted from the utility side to the consumer side and vice versa. This document applies to incoming filters designed for single or multiphase installations.

Keel: en
Alusdokumendid: EN 50065-4-3:2023
Asendab dokumenti: EVS-EN 50065-4-3:2003

EVS-EN 50065-4-4:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-4: Low voltage decoupling filter - Impedance filter

This document applies to impedance filters in a mains communication system, intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. These filters are used to set a suitable impedance, in the nominal frequency range of the mains signalling system, at any point of the low voltage mains network where a low impedance equipment is connected, as shown in Figure 1, in order to allow reliable operation of the mains signalling system. Impedance filters can be used either in utility or consumer networks. They can also be used in conjunction with incoming filters and segmentation filters.

Keel: en
Alusdokumendid: EN 50065-4-4:2023
Asendab dokumenti: EVS-EN 50065-4-4:2003

EVS-EN 50065-4-5:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-5: Low voltage decoupling filter - Segmentation filter

This document applies to segmentation filters in a mains communication system intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. These filters are used to control the coupling of signals between two areas of a mains communication system, as illustrated in Figure 1. This document defines in the relevant frequency range: - the minimum impedance at both ports of the filter, - the minimum attenuation of signals transmitted between the ports of the filter.

Keel: en
Alusdokumendid: EN 50065-4-5:2023
Asendab dokumenti: EVS-EN 50065-4-5:2003

EVS-EN 50065-4-6:2023

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-6: Low voltage decoupling filters - Phase coupler

This document applies to phase couplers in a mains communication system intended for utility networks or household and similar fixed installation including residential, commercial and light industrial buildings. Phase couplers are used to control the coupling of communication signals between phases or sections of a mains communication system. This document defines - the requirements to ensure a minimum coupling between the phases or sections of a mains communication system, and - the requirements to ensure no change on the safety of the electrical installation.

Keel: en
Alusdokumendid: EN 50065-4-6:2023
Asendab dokumenti: EVS-EN 50065-4-6:2004

EVS-EN 50631-1:2023

Household appliances network and grid connectivity - Part 1: General requirements, Generic data modelling and neutral messages

This document defines data models for Interoperable Connected Household Appliances. The data models are derived from a logical decomposition of use cases into functional blocks that themselves were realized by abstract actions on the data model itself. This document is part of the EN 50631 series, which defines the information exchange between Smart Appliances and management systems in homes and buildings including energy management.

Keel: en
Alusdokumendid: EN 50631-1:2023
Asendab dokumenti: EVS-EN 50631-1:2017

EVS-EN 50631-2:2023

Household appliances network and grid connectivity - Part 2: Product specific mappings, details, requirements and deviations

This document maps the generic use cases, use case functions, and generic data definitions to categories of appliances (e.g. washer, dishwasher, water heater, HVAC devices) as well as any necessary appliance-specific details and deviations. This document is part of the EN 50631 series, which defines the information exchange between Smart Appliances and management systems in homes and buildings including energy management.

Keel: en
Alusdokumendid: EN 50631-2:2023

EVS-EN 50631-3-1:2023

Household appliances network and grid connectivity - Part 3-1: Specific Data Model Mapping: SPINE and SPINE-IoT

This document maps the generic use case functions and data models defined in EN 50631-1:2023 to specific languages; in this case, SPINE and SPINE-IoT. This document is part of the EN 50631 series, which defines the information exchange between Smart Appliances and management systems in homes and buildings including energy management.

Keel: en
Alusdokumendid: EN 50631-3-1:2023

EVS-EN 50631-4-1:2023

Household appliances network and grid connectivity - Part 4-1: Communication Protocol Specific Aspects: SPINE, SPINE-IoT and SHIP

This document specifies the application of relevant transport protocols for Home and Wide Area Networks as well as cloud connectivity; in this case, SPINE (Smart Premises Interoperable Neutral-Message Exchange), SPINE-IoT, and SHIP (Smart Home IP). This document is part of the EN 50631 series, which defines the information exchange between Smart Appliances and management systems in homes and buildings including energy management.

Keel: en
Alusdokumendid: EN 50631-4-1:2023

EVS-EN IEC 60335-2-9:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

This European Standard deals with the safety of electric portable appliances that have a cooking function, such as baking, roasting and grilling. Examples are barbecues for indoor use, contact grills, hotplates, food dehydrators, raclette grills, toasters and waffle irons.

Keel: en
Alusdokumendid: IEC 60335-2-9:2019; EN IEC 60335-2-9:2023
Asendab dokumenti: EVS-EN 60335-2-9:2003
Asendab dokumenti: EVS-EN 60335-2-9:2003/A1:2004

Asendab dokumenti: EVS-EN 60335-2-9:2003/A12:2007
Asendab dokumenti: EVS-EN 60335-2-9:2003/A13:2010
Asendab dokumenti: EVS-EN 60335-2-9:2003/A13:2010/AC:2012
Asendab dokumenti: EVS-EN 60335-2-9:2003/A13:2010/AC2:2011
Asendab dokumenti: EVS-EN 60335-2-9:2003/A2:2006

EVS-EN IEC 60335-2-9:2023/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

This European Standard deals with the safety of electric portable appliances that have a cooking function, such as baking, roasting and grilling. Examples are barbecues for indoor use, contact grills, hotplates, food dehydrators, raclette grills, toasters and waffle irons.

Keel: en
Alusdokumendid: EN IEC 60335-2-9:2023/A11:2023
Muudab dokumenti: EVS-EN IEC 60335-2-9:2023

EVS-EN IEC 60335-2-9:2023+A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (IEC 60335-2-9:2019)

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are – barbecues for indoor use; – breadmakers; – candy floss appliances; – contact grills (griddles); – cookers; – food dehydrators; – hotplates; – induction wok hotplates; – pop-corn makers; – portable ovens; – raclette grills; – radiant grills; – roasters; – rotary grills; – rotisseries; – toasters; – waffle irons; Examples are illustrated in Figure 101. Appliances intended for normal household and similar use and that may also be used by laymen in shops, in light industry and on farms, are within the scope of this standard. However, if the appliance is intended to be used professionally to process food for commercial consumption, the appliance is not considered to be for household and similar use only. As far as is practicable, this document deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: — children playing with the appliance; — the use of the appliance by very young children; — the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this document. NOTE 102 Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements could be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities. NOTE 103 This standard does not apply to – stationary ovens and stationary grills (IEC 60335-2-6); – warming plates (IEC 60335-2-12); – frying pans and deep fat fryers (IEC 60335-2-13); – microwave ovens (IEC 60335-2-25); – barbecues for outdoor use (IEC 60335-2-78); – appliances intended to burn charcoal or similar combustible fuels; – appliances intended for commercial catering; – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

Keel: en
Alusdokumendid: IEC 60335-2-9:2019; EN IEC 60335-2-9:2023; EN IEC 60335-2-9:2023/A11:2023
Konsolideerib dokumenti: EVS-EN IEC 60335-2-9:2023
Konsolideerib dokumenti: EVS-EN IEC 60335-2-9:2023/A11:2023

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 3252:2019
Powder metallurgy - Vocabulary (ISO 3252:2019)

Keel: en
Alusdokumendid: ISO 3252:2019; EN ISO 3252:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 3252:2023
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 60601-2-43:2010
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X ray equipment for interventional procedures

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020
Muudetud järgmise dokumendiga: EVS-EN 60601-2-43:2010/A1:2018
Muudetud järgmise dokumendiga: EVS-EN 60601-2-43:2010/A2:2020
Parandatud järgmise dokumendiga: EVS-EN 60601-2-43:2010/AC:2014
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010/A1:2018
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010/A1:2017; EN 60601-2-43:2010/A1:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010/A2:2020
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010/A2:2019)

Keel: en, et
Alusdokumendid: EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010/AC:2014
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X-ray equipment for interventional procedures

Keel: en
Alusdokumendid: EN 60601-2-43:2010/AC:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010+A1:2018

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X ray equipment for interventional procedures (IEC 60601-2-43:2010 + IEC 60601-2-43:2010/A1:2017)

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014; IEC 60601-2-43:2010/A1:2017; EN 60601-2-43:2010/A1:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010+A1+A2:2020

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010 + IEC 60601-2-43:2010/A1:2017 + IEC 60601-2-43:2010/A2:2019)

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014; IEC 60601-2-43:2010/A1:2017; EN 60601-2-43:2010/A1:2018; EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Standardi staatus: Kehtetu

EVS-EN 61205:2002

Ultrasonics; dental descaler systems; measurement and declaration of the output characteristics

Keel: en
Alusdokumendid: IEC 61205:1993; EN 61205:1994
Standardi staatus: Kehtetu

EVS-EN ISO 11608-5:2012

Nõelinfusiooni süsteemid meditsiiniliseks kasutamiseks. Nõuded ja katsemeetodid. Osa 5: Automatiseeritud funktsioonid
Needle-based injection systems for medical use - Requirements and test methods - Part 5: Automated functions (ISO 11608-5:2012)

Keel: en
Alusdokumendid: ISO 11608-5:2012; EN ISO 11608-5:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 11608-5:2023
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CLC/TR 62061-1:2010

Guidance on the application of ISO 13849-1 and IEC 62061 in the design of safety-related control systems for machinery

Keel: en
Alusdokumendid: IEC/TR 62061-1:2010; CLC/TR 62061-1:2010
Standardi staatus: Kehtetu

EVS-EN 12255-10:2001

Wastewater treatment plants - Part 10: Safety principles

Keel: en
Alusdokumendid: EN 12255-10:2000
Asendatud järgmise dokumendiga: EVS-EN 12255-10:2023
Standardi staatus: Kehtetu

EVS-EN 15725:2010

Extended application reports on the fire performance of construction products and building elements

Keel: en
Alusdokumendid: EN 15725:2010
Asendatud järgmise dokumendiga: EVS-EN 15725:2023

Parandatud järgmise dokumendiga: EVS-EN 15725:2010/AC:2012
Standardi staatus: Kehtetu

EVS-EN 15725:2010/AC:2012

Extended application reports on the fire performance of construction products and building elements

Keel: en
Alusdokumendid: EN 15725:2010/AC:2012
Asendatud järgmise dokumendiga: EVS-EN 15725:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: IEC 60335-2-9:2002; EN 60335-2-9:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A1:2004
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A12:2007
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A2:2006
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A1:2004

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: IEC 60335-2-9:2002/A1:2004; EN 60335-2-9:2003/A1:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A12:2007

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety -- Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A12:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A13:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A13:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Parandatud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010/AC:2011
Parandatud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010/AC:2012
Parandatud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010/AC2:2011
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A13:2010/AC:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A13:2010/AC:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A13:2010/AC2:2011

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A13:2010/AC:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A2:2006

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances – Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: IEC 60335-2-9:2002/A2:2006; EN 60335-2-9:2003/A2:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

CEN/TR 15760:2010

Heat meters - Checklist documenting the relationship between the Directive 2004/22/EC (MID) and EN 1434:2007

Keel: en
Alusdokumendid: CEN/TR 15760:2010
Standardi staatus: Kehtetu

EVS-EN 61205:2002

Ultrasonics; dental descaler systems; measurement and declaration of the output characteristics

Keel: en
Alusdokumendid: IEC 61205:1993; EN 61205:1994
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

CLC/TR 62061-1:2010

Guidance on the application of ISO 13849-1 and IEC 62061 in the design of safety-related control systems for machinery

Keel: en
Alusdokumendid: IEC/TR 62061-1:2010; CLC/TR 62061-1:2010
Standardi staatus: Kehtetu

CLC/TR 62453-501:2009

Field device tool (FDT) interface specification - Part 501: Communication implementation for common object model - IEC 61784 CPF 1

Keel: en
Alusdokumendid: IEC/TR 62453-501:2009; CLC/TR 62453-501:2009
Standardi staatus: Kehtetu

CLC/TR 62453-502:2009
Field device tool (FDT) interface specification - Part 502: Communication implementation for common object model - IEC 61784 CPF 2

Keel: en
Alusdokumendid: IEC/TR 62453-502:2009; CLC/TR 62453-502:2009
Standardi staatus: Kehtetu

CLC/TR 62453-503-1:2009
Field device tool (FDT) interface specification - Part 503-1: Communication implementation for common object model - IEC 61784 CP 3/1 and CP 3/2

Keel: en
Alusdokumendid: IEC/TR 62453-503-1:2009; CLC/TR 62453-503-1:2009
Standardi staatus: Kehtetu

CLC/TR 62453-503-2:2009
Field device tool (FDT) interface specification - Part 503-2: Communication implementation for common object model - IEC 61784 CP 3/4, CP 3/5 and CP 3/6

Keel: en
Alusdokumendid: IEC/TR 62453-503-2:2009; CLC/TR 62453-503-2:2009
Standardi staatus: Kehtetu

CLC/TR 62453-506:2009
Field device tool (FDT) interface specification - Part 506: Communication implementation for common object model - IEC 61784 CPF 6

Keel: en
Alusdokumendid: IEC/TR 62453-506:2009; CLC/TR 62453-506:2009
Standardi staatus: Kehtetu

CLC/TR 62453-509:2009
Field device tool (FDT) interface specification - Part 509: Communication implementation for common object model - IEC 61784 CPF 9

Keel: en
Alusdokumendid: IEC/TR 62453-509:2009; CLC/TR 62453-509:2009
Standardi staatus: Kehtetu

CLC/TR 62453-515:2009
Field device tool (FDT) interface specification - Part 515: Communication implementation for common object model - IEC 61784 CPF 15

Keel: en
Alusdokumendid: IEC/TR 62453-515:2009; CLC/TR 62453-515:2009
Standardi staatus: Kehtetu

CLC/TS 62603-1:2014
Industrial process control systems - Guideline for evaluating process control systems - Part 1: Specifications

Keel: en
Alusdokumendid: CLC/TS 62603-1:2014; IEC/TS 62603-1:2014
Standardi staatus: Kehtetu

EVS-EN 13523-14:2014
Coil coated metals - Test methods - Part 14: Chalking (Helmen method)

Keel: en
Alusdokumendid: EN 13523-14:2014
Asendatud järgmise dokumendiga: EVS-EN 13523-14:2023
Standardi staatus: Kehtetu

EVS-EN 15085-4:2007
Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 4: Tootmisnõuded
Railway applications - Welding of railway vehicles and components - Part 4: Production requirements

Keel: en, et

Alusdokumendid: EN 15085-4:2007
Asendatud järgmise dokumendiga: EVS-EN 15085-4:2023
Standardi staatus: Kehtetu

EVS-EN 15085-5:2007

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 5: Kontrollimine, katsetamine ja dokumenteerimine
Railway applications - Welding of railway vehicles and components - Part 5: Inspection, testing and documentation

Keel: en, et
Alusdokumendid: EN 15085-5:2007
Asendatud järgmise dokumendiga: EVS-EN 15085-5:2023
Standardi staatus: Kehtetu

EVS-EN 60770-1:2011

Transmitters for use in industrial-process control systems -- Part 1: Methods for performance evaluation

Keel: en
Alusdokumendid: IEC 60770-1:2010; EN 60770-1:2011
Standardi staatus: Kehtetu

EVS-EN 60770-2:2010

Transmitters for use in industrial-process control systems -- Part 2: Methods for inspection and routine testing

Keel: en
Alusdokumendid: IEC 60770-2:2010; EN 60770-2:2010
Standardi staatus: Kehtetu

EVS-EN 60770-3:2014

Transmitters for use in industrial-process control systems - Part 3: Methods for performance evaluation of intelligent transmitters

Keel: en
Alusdokumendid: IEC 60770-3:2014; EN 60770-3:2014
Standardi staatus: Kehtetu

EVS-EN IEC 62439-5:2018

Industrial communication networks - High availability automation networks - Part 5: Beacon Redundancy Protocol (BRP)

Keel: en
Alusdokumendid: EN IEC 62439-5:2018; IEC 62439-5:2016
Standardi staatus: Kehtetu

EVS-EN ISO 5817:2014

Keevitus. Terase, nikli, titaani ja nende sulamite sulakeevitusliited (välja arvatud kiirguskeevituse meetodid). Kvaliteeditasemed keevitusdefektide järgi
Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections (ISO 5817:2014)

Keel: en, et
Alusdokumendid: ISO 5817:2014; EN ISO 5817:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 5817:2023
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

CLC/TR 62061-1:2010

Guidance on the application of ISO 13849-1 and IEC 62061 in the design of safety-related control systems for machinery

Keel: en
Alusdokumendid: IEC/TR 62061-1:2010; CLC/TR 62061-1:2010
Standardi staatus: Kehtetu

CLC/TS 62271-304:2008

High-voltage switchgear and controlgear - Part 304: Design classes for indoor enclosed switchgear and controlgear for rated voltages above 1 kV up to and including 52 kV to be used in severe climatic conditions

Keel: en
Alusdokumendid: IEC/TS 62271-304:2008; CLC/TS 62271-304:2008
Standardi staatus: Kehtetu

EVS-EN 60079-27:2008

Plahvatusohtlikud keskkonnad. Osa 27: Väljasiini omaohutuse kontseptsioon
Explosive atmospheres -- Part 27: Fieldbus intrinsically safe concept (FISCO)

Keel: en
Alusdokumendid: IEC 60079-27:2008; EN 60079-27:2008
Asendatud järgmise dokumendiga: EVS-EN 60079-11:2012
Standardi staatus: Kehtetu

EVS-EN 60317-0-5:2007

Specifications for particular types of winding wires - Part 0: General requirements - Section 5: Glass-fibre braided, bare or enamelled rectangular copper wire

Keel: en
Alusdokumendid: IEC 60317-0-5:2006; EN 60317-0-5:2007
Standardi staatus: Kehtetu

EVS-EN 60317-26:2002

Specifications for particular types of winding wires Part 26: Polyamide-imide enamelled round copper wire, class 200

Keel: en
Alusdokumendid: IEC 60317-26:1990+A1:1997; EN 60317-26:1996+A1:1998
Muudetud järgmise dokumendiga: EVS-EN 60317-26:2002/A2:2010
Standardi staatus: Kehtetu

EVS-EN 60317-26:2002/A2:2010

Specifications for particular types of winding wires Part 26: Polyamide-imide enamelled round copper wire, class 200

Keel: en
Alusdokumendid: IEC 60317-26:1990/A2:2010; EN 60317-26:1996/A2:2010
Standardi staatus: Kehtetu

EVS-EN 60317-39:2016

Specifications for particular types of winding wires - Part 39: Glass-fibre braided resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

Keel: en
Alusdokumendid: EN 60317-39:2016; IEC 60317-39:2015
Standardi staatus: Kehtetu

EVS-EN 60317-40:2015

Specifications for particular types of winding wires - Part 40: Glass-fibre braided resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200

Keel: en
Alusdokumendid: EN 60317-40:2015; IEC 60317-40:2015
Standardi staatus: Kehtetu

EVS-EN 60317-42:2002

Specifications for particular types of winding wires - Part 42: Polyester-amide-imide enamelled round copper wire, class 200

Keel: en
Alusdokumendid: IEC 60317-42:1997; EN 60317-42:1997
Muudetud järgmise dokumendiga: EVS-EN 60317-42:2002/A1:2010
Standardi staatus: Kehtetu

EVS-EN 60317-42:2002/A1:2010
Specifications for particular types of winding wires - Part 42: Polyester-amide-imide enamelled round copper wire, class 200

Keel: en
Alusdokumendid: IEC 60317-42:1997/A1:2010; EN 60317-42:1997/A1:2010
Standardi staatus: Kehtetu

EVS-HD 620 S2:2010
Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV up to 20,8/36 (42) kV

Keel: en
Alusdokumendid: HD 620 S2:2010
Asendatud järgmise dokumendiga: EVS-HD 620 S3:2023
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 50065-4-1:2002
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148, 5 kHz - Part 4-1: Low voltage decoupling filters; Generic specification

Keel: en
Alusdokumendid: EN 50065-4-1:2001
Asendatud järgmise dokumendiga: EVS-EN 50065-4-1:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-3:2003
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-3: Low voltage decoupling filter - Incoming filter

Keel: en
Alusdokumendid: EN 50065-4-3:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-3:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-4:2003
Signalling on low voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-4: Low voltage decoupling filter - Impedance filter

Keel: en
Alusdokumendid: EN 50065-4-4:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-4:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-5:2003
Signalling on low voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-5: Low voltage decoupling filter - Segmentation filter

Keel: en
Alusdokumendid: EN 50065-4-5:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-5:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-6:2004
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-6: Low voltage decoupling filters - Phase coupler

Keel: en
Alusdokumendid: EN 50065-4-6:2004
Asendatud järgmise dokumendiga: EVS-EN 50065-4-6:2023
Standardi staatus: Kehtetu

EVS-EN 60115-1:2011
Fixed resistors for use in electronic equipment - Part 1: Generic specification

Keel: en
Alusdokumendid: EN 60115-1:2011
Asendatud järgmise dokumendiga: EVS-EN 60115-1:2023
Muudetud järgmise dokumendiga: EVS-EN 60115-1:2011/A11:2015
Standardi staatus: Kehtetu

EVS-EN 60115-1:2011/A11:2015

Fixed resistors for use in electronic equipment - Part 1: Generic specification

Keel: en
Alusdokumendid: EN 60115-1:2011/A11:2015
Asendatud järgmise dokumendiga: EVS-EN 60115-1:2023
Standardi staatus: Kehtetu

EVS-EN 60384-20:2015

Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. Capacitors

Keel: en
Alusdokumendid: IEC 60384-20:2015; EN 60384-20:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-20:2023
Standardi staatus: Kehtetu

EVS-EN 60384-23:2015

Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed surface mount metallized polyethylene naphthalate film dielectric DC capacitors

Keel: en
Alusdokumendid: IEC 60384-23:2015; EN 60384-23:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-23:2023
Standardi staatus: Kehtetu

EVS-EN IEC 61969-1:2020

Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 1: Design guidelines

Keel: en
Alusdokumendid: IEC 61969-1:2020; EN IEC 61969-1:2020
Asendatud järgmise dokumendiga: EVS-EN IEC 61969-1:2023
Standardi staatus: Kehtetu

33 SIDETEHNIKA

CLC/TS 61850-80-1:2010

Communication networks and systems for power utility automation -- Part 80-1: Guideline to exchanging information from a CDC-based data model using IEC 60870-5-101 or IEC 60870-5-104

Keel: en
Alusdokumendid: IEC/TS 61850-80-1:2008; CLC/TS 61850-80-1:2010
Standardi staatus: Kehtetu

EVS-EN 50065-4-1:2002

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148, 5 kHz - Part 4-1: Low voltage decoupling filters; Generic specification

Keel: en
Alusdokumendid: EN 50065-4-1:2001
Asendatud järgmise dokumendiga: EVS-EN 50065-4-1:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-3:2003

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-3: Low voltage decoupling filter - Incoming filter

Keel: en
Alusdokumendid: EN 50065-4-3:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-3:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-4:2003

Signalling on low voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-4: Low voltage decoupling filter - Impedance filter

Keel: en
Alusdokumendid: EN 50065-4-4:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-4:2023

Standardi staatus: Kehtetu

EVS-EN 50065-4-5:2003

Signalling on low voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-5: Low voltage decoupling filter - Segmentation filter

Keel: en
Alusdokumendid: EN 50065-4-5:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-5:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-6:2004

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-6: Low voltage decoupling filters - Phase coupler

Keel: en
Alusdokumendid: EN 50065-4-6:2004
Asendatud järgmise dokumendiga: EVS-EN 50065-4-6:2023
Standardi staatus: Kehtetu

EVS-EN 60794-2-51:2014

Optical fibre cables - Part 2-51: Indoor cables - Detail specification for simplex and duplex cables for use in cords for controlled environment

Keel: en
Alusdokumendid: IEC 60794-2-51:2014; EN 60794-2-51:2014
Standardi staatus: Kehtetu

EVS-EN 60794-3-60:2009

Optical fibre cables - Part 3-60: Outdoor cables - Family specification for drinking water pipe cables and subducts for installation by blowing and/or pulling/dragging/floating in drinking water pipes

Keel: en
Alusdokumendid: IEC 60794-3-60:2008; EN 60794-3-60:2008
Standardi staatus: Kehtetu

EVS-EN 61291-2:2016

Optical amplifiers - Part 2: Single channel applications - Performance specification template

Keel: en
Alusdokumendid: IEC 61291-2:2016; EN 61291-2:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 61291-2:2023
Standardi staatus: Kehtetu

EVS-EN IEC 60794-1-23:2019

Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods

Keel: en
Alusdokumendid: IEC 60794-1-23:2019; EN IEC 60794-1-23:2019
Asendatud järgmise dokumendiga: prEN IEC 60794-1-306:2022
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-305:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-308:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-310:2022
Osaliselt asendatud järgmise dokumendiga: prEN IEC 60794-1-303:2022
Standardi staatus: Kehtiv

35 INFOTEHNOLOOGIA

CEN ISO/TS 17251:2016

Health Informatics - Business requirements for a syntax to exchange structured dose information for medicinal products (ISO/TS 17251:2016)

Keel: en
Alusdokumendid: ISO/TS 17251:2016; CEN ISO/TS 17251:2016
Asendatud järgmise dokumendiga: CEN ISO/TS 17251:2023
Standardi staatus: Kehtetu

CLC/TR 62453-501:2009
Field device tool (FDT) interface specification - Part 501: Communication implementation for common object model - IEC 61784 CPF 1

Keel: en
Alusdokumendid: IEC/TR 62453-501:2009; CLC/TR 62453-501:2009
Standardi staatus: Kehtetu

CLC/TR 62453-502:2009
Field device tool (FDT) interface specification - Part 502: Communication implementation for common object model - IEC 61784 CPF 2

Keel: en
Alusdokumendid: IEC/TR 62453-502:2009; CLC/TR 62453-502:2009
Standardi staatus: Kehtetu

CLC/TR 62453-503-1:2009
Field device tool (FDT) interface specification - Part 503-1: Communication implementation for common object model - IEC 61784 CP 3/1 and CP 3/2

Keel: en
Alusdokumendid: IEC/TR 62453-503-1:2009; CLC/TR 62453-503-1:2009
Standardi staatus: Kehtetu

CLC/TR 62453-503-2:2009
Field device tool (FDT) interface specification - Part 503-2: Communication implementation for common object model - IEC 61784 CP 3/4, CP 3/5 and CP 3/6

Keel: en
Alusdokumendid: IEC/TR 62453-503-2:2009; CLC/TR 62453-503-2:2009
Standardi staatus: Kehtetu

CLC/TR 62453-506:2009
Field device tool (FDT) interface specification - Part 506: Communication implementation for common object model - IEC 61784 CPF 6

Keel: en
Alusdokumendid: IEC/TR 62453-506:2009; CLC/TR 62453-506:2009
Standardi staatus: Kehtetu

CLC/TR 62453-509:2009
Field device tool (FDT) interface specification - Part 509: Communication implementation for common object model - IEC 61784 CPF 9

Keel: en
Alusdokumendid: IEC/TR 62453-509:2009; CLC/TR 62453-509:2009
Standardi staatus: Kehtetu

CLC/TR 62453-515:2009
Field device tool (FDT) interface specification - Part 515: Communication implementation for common object model - IEC 61784 CPF 15

Keel: en
Alusdokumendid: IEC/TR 62453-515:2009; CLC/TR 62453-515:2009
Standardi staatus: Kehtetu

EVS-EN 61523-1:2003
Delay and power calculation standards - Part 1: Integrated circuit delay and power calculation systems

Keel: en
Alusdokumendid: IEC 61523-1:2001; EN 61523-1:2002
Standardi staatus: Kehtetu

EVS-EN 61691-2:2002
Behavioural languages - Part 2: VHDL multilogic system for model interoperability

Keel: en
Alusdokumendid: IEC 61691-2:2002; EN 61691-2:2001
Standardi staatus: Kehtetu

EVS-EN 61691-3-3:2002
Behavioural languages - Part 3-3: Synthesis in VHDL

Keel: en
Alusdokumendid: IEC 61691-3-3:2001; EN 61691-3-3:2001
Standardi staatus: Kehtetu

EVS-EN IEC 62439-5:2018
Industrial communication networks - High availability automation networks - Part 5: Beacon Redundancy Protocol (BRP)

Keel: en
Alusdokumendid: EN IEC 62439-5:2018; IEC 62439-5:2016
Standardi staatus: Kehtetu

37 VISUAALTEHNIKA

EVS-EN 60601-2-43:2010
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X ray equipment for interventional procedures

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020
Muudetud järgmise dokumendiga: EVS-EN 60601-2-43:2010/A1:2018
Muudetud järgmise dokumendiga: EVS-EN 60601-2-43:2010/A2:2020
Parandatud järgmise dokumendiga: EVS-EN 60601-2-43:2010/AC:2014
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010/A1:2018
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010/A1:2017; EN 60601-2-43:2010/A1:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010/A2:2020
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010/A2:2019)

Keel: en, et
Alusdokumendid: EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010/AC:2014
Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X-ray equipment for interventional procedures

Keel: en
Alusdokumendid: EN 60601-2-43:2010/AC:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-43:2010+A1+A2:2020

Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010+A1:2018

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X ray equipment for interventional procedures (IEC 60601-2-43:2010 + IEC 60601-2-43:2010/A1:2017)

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014; IEC 60601-2-43:2010/A1:2017; EN 60601-2-43:2010/A1:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Standardi staatus: Kehtetu

EVS-EN 60601-2-43:2010+A1+A2:2020

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010 + IEC 60601-2-43:2010/A1:2017 + IEC 60601-2-43:2010/A2:2019)

Keel: en, et
Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014; IEC 60601-2-43:2010/A1:2017; EN 60601-2-43:2010/A1:2018; EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-43:2023
Standardi staatus: Kehtetu

39 TÄPPISMEHAANIKA. JUVEELITOOTED

EVS-EN ISO 11210:2016

Jewellery - Determination of platinum in platinum jewellery alloys - Gravimetric method after precipitation of diammonium hexachloroplatinate (ISO 11210:2014)

Keel: en
Alusdokumendid: ISO 11210:2014; EN ISO 11210:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 11210:2023
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15085-4:2007

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 4: Tootmisnõuded
Railway applications - Welding of railway vehicles and components - Part 4: Production requirements

Keel: en, et
Alusdokumendid: EN 15085-4:2007
Asendatud järgmise dokumendiga: EVS-EN 15085-4:2023
Standardi staatus: Kehtetu

EVS-EN 15085-5:2007

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 5: Kontrollimine, katsetamine ja dokumenteerimine
Railway applications - Welding of railway vehicles and components - Part 5: Inspection, testing and documentation

Keel: en, et
Alusdokumendid: EN 15085-5:2007
Asendatud järgmise dokumendiga: EVS-EN 15085-5:2023
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 10088:2017
Väikelaevad. Püsipaigaldusega toitesüsteem mootorile
Small craft - Permanently installed fuel systems (ISO 10088:2013)

Keel: en
Alusdokumendid: ISO 10088:2013; EN ISO 10088:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 10088:2023
Standardi staatus: Kehtetu

EVS-EN ISO 13590:2018
Small craft - Personal watercraft - Construction and system installation requirements (ISO 13590:2003)

Keel: en
Alusdokumendid: ISO 13590:2003; EN ISO 13590:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 13590:2023
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 252:2007
Conveyor belts - Adhesion between constitutive elements - Test methods

Keel: en
Alusdokumendid: ISO 252:2007; EN ISO 252:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 252:2023
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 17665:2022
Pakend. Katsemeetodid ja nõuded, mis näitavad, et plastkorgid ja -kaaned jäävad pärast avamist joogipakendi külge kinnitatuks
Packaging - Test methods and requirements to demonstrate that plastic caps and lids remain attached to beverage containers

Keel: en
Alusdokumendid: EN 17665:2022
Asendatud järgmise dokumendiga: EVS-EN 17665:2022+A1:2023
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 15195:2014
Liquid petroleum products - Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber

Keel: en
Alusdokumendid: EN 15195:2014
Asendatud järgmise dokumendiga: EVS-EN 15195:2023
Standardi staatus: Kehtetu

EVS-EN 16568:2014
Automotive fuels - Fatty acid methyl ester (FAME) fuel and blends with diesel fuel - Determination of oxidation stability by rapidly accelerated oxidation method at 120 °C

Keel: en
Alusdokumendid: EN 16568:2014
Asendatud järgmise dokumendiga: EVS-EN 16568:2023
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 3252:2019
Powder metallurgy - Vocabulary (ISO 3252:2019)

Keel: en
Alusdokumendid: ISO 3252:2019; EN ISO 3252:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 3252:2023
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 12923-1:2007
Advanced technical ceramics - Monolithic ceramics - Part 1: General practice for undertaking corrosion tests

Keel: en
Alusdokumendid: EN 12923-1:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 17092:2023
Standardi staatus: Kehtetu

EVS-EN 14425-3:2010
Advanced technical ceramics Test methods for determination of fracture toughness of monolithic ceramics Part 3: Chevron notched beam (CNB) method

Keel: en
Alusdokumendid: EN 14425-3:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 24370:2023
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 14154-4:2014
Water meters - Part 4: Additional functionalities

Keel: en
Alusdokumendid: EN 14154-4:2014
Asendatud järgmise dokumendiga: EVS-EN 14154-4:2023
Standardi staatus: Kehtetu

EVS-EN 60379:2004
Methods for measuring the performance of electric storage water-heaters for household purposes

Keel: en
Alusdokumendid: IEC 60379:1987; EN 60379:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 60379:2023
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 12790:2009
Lapsehooldustooted. Kallutatud lamamisasendiga hällid (ehk kaldhällid)
Child care articles - Reclined cradles

Keel: en, et
Alusdokumendid: EN 12790:2009
Asendatud järgmise dokumendiga: EVS-EN 12790-1:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-4:2003
Signalling on low voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-4: Low voltage decoupling filter - Impedance filter

Keel: en
Alusdokumendid: EN 50065-4-4:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-4:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-5:2003

Signalling on low voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 4-5: Low voltage decoupling filter - Segmentation filter

Keel: en
Alusdokumendid: EN 50065-4-5:2003
Asendatud järgmise dokumendiga: EVS-EN 50065-4-5:2023
Standardi staatus: Kehtetu

EVS-EN 50065-4-6:2004

Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz Part 4-6: Low voltage decoupling filters - Phase coupler

Keel: en
Alusdokumendid: EN 50065-4-6:2004
Asendatud järgmise dokumendiga: EVS-EN 50065-4-6:2023
Standardi staatus: Kehtetu

EVS-EN 50631-1:2017

Household appliances network and grid connectivity - Part 1: General Requirements, Generic Data Modelling and Neutral Messages

Keel: en
Alusdokumendid: EN 50631-1:2017
Asendatud järgmise dokumendiga: EVS-EN 50631-1:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: IEC 60335-2-9:2002; EN 60335-2-9:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A1:2004
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A12:2007
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010
Muudetud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A2:2006
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A1:2004

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: IEC 60335-2-9:2002/A1:2004; EN 60335-2-9:2003/A1:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A12:2007

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety -- Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A12:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A13:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A13:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Parandatud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010/AC:2011
Parandatud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010/AC:2012
Parandatud järgmise dokumendiga: EVS-EN 60335-2-9:2003/A13:2010/AC2:2011
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A13:2010/AC:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A13:2010/AC:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A13:2010/AC2:2011

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: EN 60335-2-9:2003/A13:2010/AC:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-9:2003/A2:2006

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances – Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Keel: en
Alusdokumendid: IEC 60335-2-9:2002/A2:2006; EN 60335-2-9:2003/A2:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-9:2023
Standardi staatus: Kehtetu

EVS-EN 61817:2003

Electrical installations for lighting and beaconing of aerodromes - Maintenance of aeronautical ground lighting constant current series circuits

Keel: en
Alusdokumendid: IEC 61817:2000; EN 61817:2001
Muudetud järgmise dokumendiga: EVS-EN 61817:2003/A1:2004
Standardi staatus: Kehtetu

EVS-EN 61817:2003/A1:2004

Electrical installations for lighting and beaconing of aerodromes - Maintenance of aeronautical ground lighting constant current series circuits

Keel: en
Alusdokumendid: IEC 61817:2000/A1:2004; EN 61817:2001/A1:2004
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

Iga arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:
- tähis;
- pealkiri;
- käsitlusala;
- keel (en = inglise; et = eesti);
- Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
- asendusseos, selle olemasolul;
- arvamuste esitamise tähtaeg.

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 17117-1

Health informatics - Terminological resources - Part 1: Characteristics (ISO 17117-1:2018)

ISO 17117-1:2018 defines universal and specialized characteristics of health terminological resources that make them fit for the purposes required of various applications. It refers only to terminological resources that are primarily designed to be used for clinical concept representation or to those parts of other terminological resources designed to be used for clinical concept representation. ISO 17117-1:2018 helps users to assess whether a terminology has the characteristics or provides the functions that will support their specified requirements. The focus of this document is to define characteristics and functions of terminological resources in healthcare that can be used to identify different types of them for categorization purposes. Clauses 4 and 5 support categorization according to the characteristics and functions of the terminological resources rather than the name. NOTE Categorization of healthcare terminological systems according to the name of the system might not be helpful and has caused confusion in the past. The target groups for this document are: a) organizations wishing to select terminological systems for use in healthcare information systems; b) developers of terminological systems; c) developers of terminology standards; d) those undertaking independent evaluations/academic reviews of terminological resources; e) terminology Registration Authorities. ISO 17117-1:2018 contains general characteristics and criteria with which systems can be evaluated. The following considerations are outside the scope of this document. - Evaluations of terminological resources. - Health service requirements for terminological resources and evaluation criteria based on the characteristics and functions. - The nature and quality of mappings between different terminologies. It is unlikely that a single terminology will meet all the terminology requirements of a healthcare organization: some terminology providers produce mappings to administrative or statistical classifications such as the International Classification of Diseases (ICD). The presence of such maps would be a consideration in the evaluation of the terminology. - The nature and quality of mappings between different versions of the same terminology. To support data migration and historical retrieval, terminology providers can provide maps between versions of their terminology. The presence of such maps would be a consideration in the evaluation of the terminology. - Terminology server requirements and techniques and tools for terminology developers. - Characteristics for computational biology terminology. Progress in medical science and in terminology science will necessitate updating of this document in due course.

Keel: en
Alusdokumendid: ISO 17117-1:2018; prEN ISO 17117-1

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEVS JUHEND 4

Eesti standardi ja standardilaadse dokumendi ülesehitus, sõnastus ja vormistus
Structure, formulation and presentation of an Estonian Standard and publication

See juhend kirjeldab Eesti standardite, standardilaadsete dokumentide ja nende kavandite ülesehituse, sõnastuse ning vormistamise nõudeid. Esitatud on ka nõuded dokumentide muudatuste ja paranduste kohta.

Keel: et
Asendab dokumenti: EVS JUHEND 4:2021

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEVS-ISO 2789

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

See standard sisaldab juhiseid raamatukogu- ja infoteenuste osutajaile statistika kogumiseks ja esitamiseks eesmärgiga: — esitada andmeid rahvusvaheliseks aruandluseks; — tagada riikidevaheline vastavus nende statistiliste näitajate puhul, mida raamatukogude juhid sageli kasutavad, ent mida rahvusvahelised aruanded ei hõlma; — edendada head tava kasutada statistikat raamatukogu- ja infotöö korraldamisel.

Keel: en
Alusdokumendid: ISO 2789:2022
Asendab dokumenti: EVS-ISO 2789:2014

Arvamusküsitluse lõppkuupäev: 01.06.2023

11 TERVISEHOOLDUS

prEN IEC 60601-2-40:2023

Medical electrical equipment - Part 2-40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment

Clause 1 of the general standard1 applies, except as follows: 201.1.1 Scope Replacement: This particular standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of ELECTROMYOGRAPHS and EVOKED RESPONSE EQUIPMENT, hereafter referred to as ME EQUIPMENT. NOTE 1 Myofeedback equipment, where the capturing of muscle contraction is based on electromyography, is within the scope of this particular standard. NOTE 2 EMG/EP equipment is intended for diagnostic and monitoring applications. NOTE 3 If the ME EQUIPMENT supports both ELECTROMYOGRAPHY and EVOKED RESPONSE STIMULATION, clauses for electrical, auditory, and visual stimulators are applicable. In case the equipment supports ELECTROMYOGRAPHY, but not EVOKED RESPONSE STIMULATION, clauses concerning solely requirements for stimulators are NOT within scope. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. The following ME EQUIPMENT are excluded: - ME EQUIPMENT intended for therapeutic application - ME EQUIPMENT intended for transcutaneous electrical nerve stimulators and electrical muscle stimulators (ME EQUIPMENT covered by IEC 60601-2-10.)

Keel: en
Alusdokumendid: 62D/2019/CDV; prEN IEC 60601-2-40:2023
Asendab dokumenti: EVS-EN 60601-2-40:2019

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 23402-3

Dentistry - Portable dental equipment for use in non-permanent healthcare environment - Part 3: Portable suction equipment (ISO/DIS 23402-3:2023)

This document specifies requirements for information to be supplied by the manufacturer on the performance, operation and maintenance of portable suction equipment designed and constructed to be transported for use in non-permanent healthcare environments.

Keel: en
Alusdokumendid: ISO/DIS 23402-3; prEN ISO 23402-3

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 80369-20

Small-bore connectors for liquids and gases in healthcare applications - Part 20: Common test methods (ISO/DIS 80369-20:2023)

NOTE 1 There is guidance or rationale for this Clause contained in Clause A.2. This document specifies the common test methods to evaluate the performance requirements for small-bore connectors specified in the ISO and IEC 80369 series. NOTE 2 The application parts of the ISO and IEC 80369 series specify which tests are required as well as their acceptance criterion.

Keel: en
Alusdokumendid: prEN ISO 80369-20; ISO/DIS 80369-20:2023
Asendab dokumenti: EVS-EN ISO 80369-20:2015

Arvamusküsitluse lõppkuupäev: 01.06.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 17962

Valves and fittings for buildings and devices to prevent pollution by backflow of potable water - Polymer parts and housings under internal pressure and without external loads

This document specifies additional requirements to the product standards given in Annex A for valves, fittings and devices with polymer parts and housings under internal pressure and without external loads intended for installations and apparatus inside buildings conveying water for human consumption.

Keel: en
Alusdokumendid: prEN 17962

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 13165-3

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-spectrometry (ISO/DIS 13165-3:2023)

ISO 13165-3:2016 specifies the determination of radium-226 (226Ra) activity concentration in all types of water by coprecipitation followed by gamma-spectrometry (see ISO 18589-3). The method described is suitable for determination of soluble 226Ra activity concentrations greater than 0,02 Bq l−1 using a sample volume of 1 l to 100 l of any water type. For water samples smaller than a volume of 1 l, direct gamma-spectrometry can be performed following ISO 10703 with a higher detection limit. NOTE This test method also allows other isotopes of radium, 223Ra, 224Ra, and 228Ra, to be determined.

Keel: en
Alusdokumendid: ISO/DIS 13165-3; prEN ISO 13165-3
Asendab dokumenti: EVS-EN ISO 13165-3:2020

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 16000-11

Indoor air - Part 11: Determination of the emission of volatile organic compounds from building products and furnishing - Sampling, storage of samples and preparation of test specimens (ISO/DIS 16000-11:2023)

Studies of the emission of volatile organic compounds from unused building products or furnishing in test chambers or cells require proper handling of the product prior to testing, and during the testing period. This document defines three types of building products or furnishing: solid, liquid and combined. For each type, specifications are given for the sampling procedures, transport conditions, storage, and substrate used that can affect emissions of volatile organic compounds. For individual products, the preparation of a test specimen for each type is prescribed. NOTE Depending on the non-homogeneity of the product, it can be necessary to make measurements on different test specimens to determine the specific emission rate.

Keel: en
Alusdokumendid: ISO/DIS 16000-11; prEN ISO 16000-11
Asendab dokumenti: EVS-EN ISO 16000-11:2006

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 21909-1

Passive neutron dosimetry systems - Part 1: Performance and test requirements for personal dosimetry (ISO 21909-1:2021)

This document provides performance and test requirements for determining the acceptability of neutron dosimetry systems to be used for the measurement of personal dose equivalent, Hp(10), for neutrons ranging in energy from thermal to 20 MeV1). This document applies to all passive neutron detectors that can be used within a personal dosemeter in part or in all of the above-mentioned neutron energy range. No distinction between the different techniques available in the marketplace is made in the description of the tests. Only generic distinctions, for instance, as disposable or reusable dosemeters, are considered. This document describes type tests only. Type tests are made to assess the basic characteristics of the dosimetry systems and are often ensured by recognized national laboratories This document does not present performance tests for characterizing the degradation induced by the following: — intrinsic temporal variability of the quality of the dosemeter supplied by the manufacturer; — intrinsic temporal variability of preparation treatments (before irradiation and/or before reading), if existing; — intrinsic temporal variability of reading process; — degradation due to environmental effects on the preparation treatments, if existing; — degradation due to environmental effects on the reading process.

Keel: en
Alusdokumendid: ISO 21909-1:2021; prEN ISO 21909-1

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 21909-2

Passive neutron dosimetry systems - Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces (ISO 21909-2:2021)

This document provides methodology and criteria to qualify the dosimetry system at workplaces where it is used. The criteria in this document apply to dosimetry systems which do not meet the criteria with regard to energy and direction dependent responses described in ISO 21909-1. The qualification of the dosimetry system at workplace aims to demonstrate that: — either, the non-

conformity of the dosimetry system to some of the requirements on the energy or direction dependent responses defined in ISO 21909-1 does not lead to significant discrepancies in the dose determination for a certain workplace field; — or, that the correction factor or function used for this specific studied workplace enables the dosimetry system to accurately determine the conventional dose value with uncertainties similar to the ones given in ISO 21909-1. The methodologies to characterize the work place field in order to perform the qualification of the dosimetry system are given in Annex A. Annex B is complementary as it gives the practical methods to follow, once one methodology is chosen. The provider of the dosimetry system shall provide the type test results corresponding to ISO 21909-1. However, when the dosimetry system to be qualified does not comply with all the criteria of ISO 21909-1 dealing with the energy and angle dependence of the response, some tests of the ISO 21909-1 can be not performed.

Keel: en
Alusdokumendid: ISO 21909-2:2021; prEN ISO 21909-2

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 7730

Ergonomics of the thermal environment - Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria (ISO/DIS 7730:2023)

ISO 7730:2005 presents methods for predicting the general thermal sensation and degree of discomfort (thermal dissatisfaction) of people exposed to moderate thermal environments. It enables the analytical determination and interpretation of thermal comfort using calculation of PMV (predicted mean vote) and PPD (predicted percentage of dissatisfied) and local thermal comfort, giving the environmental conditions considered acceptable for general thermal comfort as well as those representing local discomfort.

Keel: en
Alusdokumendid: ISO/DIS 7730; prEN ISO 7730
Asendab dokumenti: EVS-EN ISO 7730:2006

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 9241-5

Ergonomics of human-system interaction - Part 5: Workstation layout and postural requirements (ISO/DIS 9241-5:2023)

This part of ISO 9241 specifies ergonomic guiding principles which apply to the user requirements, design, and procurement of workstation equipment for using interactive systems with visual displays. In particular, the general principles and requirements specified in this part of ISO 9241 apply to the standards specifying technical design of furniture and equipment constituting the workplace. They are intended for use by product and workstation designers and implementers.

Keel: en
Alusdokumendid: prEN ISO 9241-5; ISO/DIS 9241-5:2023
Asendab dokumenti: EVS-EN ISO 9241-5:2004

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO/ASTM 52933

Additive manufacturing - Environment, health and safety - Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places (ISO/ASTM/DIS 52933:2023)

This standard covers the test method for measuring hazardous substances emitted during the operation of material extrusion type 3D printer at the additive manufacturing public places and considerations for reducing hazardous substances like particle emissions (including ultrafine particle) and chemical substances (VOC, aldehydes)

Keel: en
Alusdokumendid: ISO/ASTM DIS 52933; prEN ISO/ASTM 52933

Arvamusküsitluse lõppkuupäev: 01.06.2023

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EN 61786-1:2014/prA1:2023

Measurement of DC magnetic, AC magnetic and AC electric fields from 1 Hz to 100 kHz with regard to exposure of human beings - Part 1: Requirements for measuring instruments

Amendment to EN 61786-1:2014

Keel: en
Alusdokumendid: 106/599/CDV; EN 61786-1:2014/prA1:2023
Muudab dokumenti: EVS-EN 61786-1:2014

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 60060-1:2023

High-voltage test techniques - Part 1: General definitions and test requirements

This part of IEC 60060 is applicable to: – dielectric tests with direct voltage; – dielectric tests with alternating voltage; – dielectric tests with impulse voltage; – dielectric tests with combinations of the above. This part is applicable to tests on equipment having its highest voltage for equipment Um above 1 kV AC and 1,5 kV DC. NOTE 1 Alternative test procedures may be required to obtain reproducible and significant results. The choice of a suitable test procedure is considered by the relevant Technical Committee. NOTE 2 For voltages Um above 800 kV some specified procedures, tolerances and uncertainties may not be achievable.

Keel: en
Alusdokumendid: 42/414/CDV; prEN IEC 60060-1:2023
Asendab dokumenti: EVS-EN 60060-1:2010

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 11929-4

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 4: Guidelines to applications (ISO 11929-4:2022)

This document specifies a procedure, in the field of ionizing radiation metrology, for the calculation of the “decision threshold”, the “detection limit” and the “limits of the coverage interval” for a non negative ionizing radiation measurand when counting measurements with preselection of time or counts are carried out. The measurand results from a gross count rate and a background count rate as well as from further quantities on the basis of a model of the evaluation. In particular, the measurand can be the net count rate as the difference of the gross count rate and the background count rate, or the net activity of a sample. It can also be influenced by calibration of the measuring system, by sample treatment and by other factors. ISO 11929-4 gives guidance to the application of ISO 11929 (all parts), summarizing shortly the general procedure and then presenting a wide range of numerical examples. The examples cover elementary applications according to ISO 11929-1 and ISO 11929-2.

Keel: en
Alusdokumendid: ISO 11929-4:2022; prEN ISO 11929-4

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 13165-3

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-spectrometry (ISO/DIS 13165-3:2023)

ISO 13165-3:2016 specifies the determination of radium-226 (226Ra) activity concentration in all types of water by coprecipitation followed by gamma-spectrometry (see ISO 18589-3). The method described is suitable for determination of soluble 226Ra activity concentrations greater than 0,02 Bq l−1 using a sample volume of 1 l to 100 l of any water type. For water samples smaller than a volume of 1 l, direct gamma-spectrometry can be performed following ISO 10703 with a higher detection limit. NOTE This test method also allows other isotopes of radium, 223Ra, 224Ra, and 228Ra, to be determined.

Keel: en
Alusdokumendid: ISO/DIS 13165-3; prEN ISO 13165-3
Asendab dokumenti: EVS-EN ISO 13165-3:2020

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 23547

Measurement of radioactivity - Gamma emitting radionuclides - Reference measurement standard specifications for the calibration of gamma-ray spectrometers (ISO 23547:2022)

This document specifies the characteristics of solid, liquid or gas sources of gamma emitting radionuclides used as reference measurement standards for the calibration of gamma-ray spectrometers. These reference measurement standards are traceable to national measurement standards. This document does not describe the procedures involved in the use of these reference measurement standards for the calibration of gamma-ray spectrometers. Such procedures are specified in ISO 20042 and other documents. This document specifies recommended reference radiations for the calibration of gamma-ray spectrometers. This document covers, but is not restricted to, gamma emitters which emit photons in the energy range of 60 keV to 1 836 keV. These reference radiations are realized in the form of point sources or adequately extended sources specified in terms of activity which are traceable to national standards.

Keel: en
Alusdokumendid: ISO 23547:2022; prEN ISO 23547

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 8529-1

Neutron reference radiations fields - Part 1: Characteristics and methods of production (ISO 8529-1:2021)

This document specifies the neutron reference radiation fields, in the energy range from thermal up to 20 MeV, for calibrating neutron-measuring devices used for radiation protection purposes and for determining their response as a function of neutron energy. This document is concerned only with the methods of producing and characterizing the neutron reference radiation fields. The neutron reference radiation fields specified are the following: — neutron fields from radionuclide sources, including neutron

fields from sources in a moderator; — neutron fields produced by nuclear reactions with charged particles from accelerators; — neutron fields from reactors.

Keel: en
Alusdokumendid: ISO 8529-1:2021; prEN ISO 8529-1

Arvamusküsitluse lõppkuupäev: 01.06.2023

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 17962

Valves and fittings for buildings and devices to prevent pollution by backflow of potable water - Polymer parts and housings under internal pressure and without external loads

This document specifies additional requirements to the product standards given in Annex A for valves, fittings and devices with polymer parts and housings under internal pressure and without external loads intended for installations and apparatus inside buildings conveying water for human consumption.

Keel: en
Alusdokumendid: prEN 17962

Arvamusküsitluse lõppkuupäev: 01.06.2023

25 TOOTMISTEHNOLOOGIA

prEN ISO 14373

Resistance welding - Procedure for spot welding of uncoated and coated low carbon steels (ISO/DIS 14373:2023)

This document specifies requirements for resistance spot welding in the fabrication of assemblies ofuncoated, and metallic coated or weldable non-metallic coated low carbon steel, comprising two orthree sheets of metal, where the maximum single sheet thickness of components to be welded is withinthe range 0,4 mm to 3 mm. This document is applicable to welding of sheets of the same or dissimilar thickness, where the thickness ratio is less than or equal to 3:1. It applies to the welding of three thicknesses, where the total thickness is less than or equal to 9 mm. Welding with the following types of equipment is within the scope of this document: a) pedestal welding equipment; b) welding guns; c) automatic welding equipment where the components are fed by robots or automatic feeding equipment; d) multi welders; e) robotic welders. Information on appropriate welding equipment is given in Annex A, and information on spot welding conditions is given in Annex B. This information is provided for guidance only.Depending on the service conditions of the fabrication, the type of welding equipment, the characteristics of the secondary circuit, the electrode material, and the shape, it is possible that certain modifications are necessary. In such cases, further information can be obtained from the relevant application standard, where one exists.

Keel: en
Alusdokumendid: ISO/DIS 14373; prEN ISO 14373
Asendab dokumenti: EVS-EN ISO 14373:2015

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 15614-13

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 13: Upset (resistance butt) and flash welding (ISO/DIS 15614-13:2023)

This document specifies tests for the qualification of welding procedure specifications applicable to upset (resistance butt) welding and flash welding of metallic materials, e.g. with solid, tubular, flat or circular cross-section. Its basic principles can also be applied to other resistance welding processes when this is stated in the specification. This document defines the conditions for carrying out tests and the limits of validity of a qualified welding procedure for all the practical welding operations that it covers. It covers the following resistance welding processes, as defined in ISO 4063: — 24 flash welding, using direct current or alternating current with various movement sequences, constant flashing and pulsed flashing; — 25 resistance upset welding, using direct current or alternating current with various pressure sequences.

Keel: en
Alusdokumendid: ISO/DIS 15614-13; prEN ISO 15614-13
Asendab dokumenti: EVS-EN ISO 15614-13:2021

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 17672

Brazing - Filler metals (ISO/DIS 17672:2023)

ISO 17672:2016 specifies the compositional ranges of a series of filler metals used for brazing. The filler metals are divided into seven classes, related to their composition, but not necessarily to the major element present.

Keel: en
Alusdokumendid: ISO/DIS 17672; prEN ISO 17672
Asendab dokumenti: EVS-EN ISO 17672:2016

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO/ASTM 52933

Additive manufacturing - Environment, health and safety - Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places (ISO/ASTM/DIS 52933:2023)

This standard covers the test method for measuring hazardous substances emitted during the operation of material extrusion type 3D printer at the additive manufacturing public places and considerations for reducing hazardous substances like particle emissions (including ultrafine particle) and chemical substances (VOC, aldehydes)

Keel: en
Alusdokumendid: ISO/ASTM DIS 52933; prEN ISO/ASTM 52933

Arvamusküsitluse lõppkuupäev: 01.06.2023

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 17127

Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

This document defines the minimum requirements to ensure the interoperability of hydrogen refuelling points, including refuelling protocols that dispense gaseous hydrogen to road vehicles (e.g. Fuel Cell Electric Vehicles) that comply with legislation applicable to such vehicles. The safety and performance requirements for the entire hydrogen fuelling station, addressed in accordance with existing relevant European and national legislation, are not included in this document. This document applies to hydrogen refuelling points dispensing gaseous hydrogen to vehicles compliant with UN R134 (Regulation No. 134), UN R134 or Regulation (EC) No 79/2009. NOTE 1 Guidance on considerations for hydrogen fuelling stations is provided in ISO 19880 1:2020. NOTE 2 Units used in this document follow SI (International System of Units).

Keel: en
Alusdokumendid: prEN 17127
Asendab dokumenti: EVS-EN 17127:2020

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 16796

Nuclear energy - Determination of Gd2O3 content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES) (ISO 16796:2022)

This document is applicable to the determination of gadolinium as Gd2O3 in powder blends and sintered pellets of Gd2O3 + UO2 and ((U, Gd) O2) from mass fraction 10 g/kg to 100 g/kg (i.e. 1 % to 10 %), using a suitable ICP-AES instrument. This methodology is capable of demonstrating compliance with agreed upon fuel specifications and associated data quality objectives provided the user has performed qualification measurements under their established measurement control program to demonstrate that measurement uncertainty requirements will be met with the desired level of confidence at the specification

Keel: en
Alusdokumendid: ISO 16796:2022; prEN ISO 16796

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 18134-2

Solid biofuels - Determination of moisture content - Part 2: Total moisture - Simplified method (ISO/DIS 18134-2:2023)

ISO 18134-2:2017 describes the method of determining the total moisture content of a test sample of solid biofuels by drying in an oven and is used when the highest precision is not needed, e.g. for routine production control on site. The method described in ISO 18134 (all parts) is applicable to all solid biofuels. The moisture content of solid biofuels (as received) is always reported based on the total mass of the test sample (wet basis).

Keel: en
Alusdokumendid: ISO/DIS 18134-2; prEN ISO 18134-2
Asendab dokumenti: EVS-EN ISO 18134-2:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 24459

Determination of uranium content in samples coming from the nuclear fuel cycle by L-absorption edge spectrometry (ISO 24459:2021)

This document specifies a method for the determination of uranium concentrations in nitric acid or TBP-DILUANT (for example TBP-kerosene) solutions coming from the nuclear fuel cycle. The method is applicable — for process control of solutions, free of suspension, which contain between 10 g/l to 300 g/l uranium, and — for high accuracy purposes (Safeguards) to nitric acid solutions, free of suspension, which contain between 100 g/l and 220 g/l uranium.

Keel: en
Alusdokumendid: ISO 24459:2021; prEN ISO 24459

Arvamusküsitluse lõppkuupäev: 01.06.2023

29 ELEKTROTEHNIKA

EN 62386-302:2017/prA1:2023

Amendment 1 - Digital addressable lighting interface - Part 302: Particular requirements - Input devices - Absolute input devices

Amendment to EN 62386-302:2017

Keel: en
Alusdokumendid: 34/1012/CDV; EN 62386-302:2017/prA1:2023
Muudab dokumenti: EVS-EN 62386-302:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

EN 62386-303:2017/prA1:2023

Amendment 1 - Digital addressable lighting interface - Part 303: Particular requirements - Input devices - Occupancy sensor

Amendment to EN 62386-303:2017

Keel: en
Alusdokumendid: 34/1013/CDV; EN 62386-303:2017/prA1:2023
Muudab dokumenti: EVS-EN 62386-303:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

EN 62386-304:2017/prA1:2023

Amendment 1 - Digital addressable lighting interface - Part 304: Particular requirements - Input devices - Light sensor

Amendment to EN 62386-304:2017

Keel: en
Alusdokumendid: 34/1014/CDV; EN 62386-304:2017/prA1:2023
Muudab dokumenti: EVS-EN 62386-304:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 50728

Railway applications - Rolling stock - Testing for electromagnetic compatibility with track circuits

This document defines the measurement and evaluation methods of rolling stock interference current emissions to demonstrate compatibility with track circuits. This includes rolling stock with or without traction equipment. The established limits for compatibility are defined in ERA/ERTMS/033281, PD CLC/TS 50238 2 or NNTRs as current flowing between the vehicle and the electric traction power supply system that can disturb the track circuit receiver, as part of the track circuit system. Additionally, the referred documents can define a minimum rolling stock impedance in order to guarantee compatibility between the electric traction power supply system and track circuits. This document is relevant to the interference current limits defined in the ‘frequency management’ for track circuits as defined in ERA/ERTMS/033281. It is also applicable to the demonstration of compatibility with all other types of track circuits which have established compatibility according to EN 50617 1. Finally, the methodology defined in this document can also be applied to other track circuit types, including those for which the only requirements are defined in National Notified Technical Rules. NOTE Interface parameters between rolling stock and track circuits other than interference currents and impedance are out of the scope of this document.

Keel: en
Alusdokumendid: prEN 50728

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 61960-4:2023

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 4: Coin secondary lithium cells, and batteries made from them

This part of IEC 61960 specifies performance tests, designations, markings, dimensions and other requirements for coin secondary lithium cells and batteries for portable applications, watches, and backup power supply such as memory backup applications. In particular, watch specific requirements are specified in Annex A. The objective of this document is to provide the purchasers and users of coin secondary lithium cells and batteries with a set of criteria with which they can assess the performance of coin secondary lithium cells and batteries offered by various manufacturers. This document defines a minimum required level of performance and a standardized methodology by which testing is performed and the results of this testing reported to the user. Hence, users will be able to establish the viability of commercially available cells and batteries via the declared specification and thus be able to select the cell or battery best suited for their intended application. This document covers coin secondary lithium cells and batteries with a range of chemistries. Each electrochemical couple has a characteristic voltage range over which , during discharge, it releases its electrical capacity, a characteristic nominal voltage and a characteristic end of-discharge voltage. Users of coin secondary lithium cells and batteries are requested to consult the manufacturer for advice. This document also provides guidelines for designers of equipment using lithium batteries (see Annex B).

Keel: en

Alusdokumendid: 21A/829/CDV; prEN IEC 61960-4:2023
Asendab dokumenti: EVS-EN IEC 61960-4:2020

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 63338:2023
General guidance on reuse and repurposing of secondary cells and batteries

This document applies to the reuse and repurposing of secondary lithium ion and nickel metal-hydride cells and batteries after extraction from the application for which they were first placed on the market (hereafter “relevant cells and batteries”). NOTE 1: This document does not permit reuse or repurposing of single cells or cell assemblies if battery lifetime traceability data are not recorded. See clause 4. NOTE 2: Swappable batteries such as those used in e-scooters are removed and installed by the user (such as for charging) without conducting a safety assessment (such as battery lifetime traceability data assessment) as part of intended use, which is not considered reuse or repurposing. NOTE 3: This document does not cover system component reuse and repurposing. The original manufacturer can be contacted to confirm suitability of components for reuse and repurposing

Keel: en
Alusdokumendid: 21A/831/CDV; prEN IEC 63338:2023

Arvamusküsitluse lõppkuupäev: 01.06.2023

33 SIDETEHNIKA

prEN 303 687 V1.1.0
6 GHz WAS/RLAN; Raadiospektrile juurdepääsu harmoneeritud standard
6 GHz WAS/RLAN; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for 6 GHz Wireless Access Systems including Radio Local Area Network (WAS/RLAN) equipment. 6 GHz WAS/RLAN equipment within the scope of the present document are covered by ECC and EU regulation as follows: • ECC Decision (20)01 on the harmonised use of frequency band 5 945 MHz to 6 425 MHz for WAS/RLAN. • Commission Implementing Decision (EU) 2021/1067 on the harmonised use of radio spectrum in the 5 945 MHz to 6 425 MHz frequency band for the implementation of wireless access systems including radio local area networks (WAS/RLANs). NOTE 1: Descriptions of 6 GHz WAS/RLAN equipment categories and sub-categories are provided in clause 4.2. This radio equipment is capable of operating in all or parts of the frequency bands given in table 1. Table 1: Service frequency band Service frequency band Transmit 5 945 MHz to 6 425 MHz Receive 5 945 MHz to 6 425 MHz The present document describes spectrum access requirements to facilitate spectrum sharing with other equipment. NOTE 2: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 303 687 V1.1.0

Arvamusküsitluse lõppkuupäev: 02.05.2023

prEN 319 122-1 V1.3.0
Electronic Signatures and Infrastructures (ESI); CAdES digital signatures; Part 1: Building blocks and CAdES baseline signatures

The present document specifies CAdES digital signatures. CAdES signatures are built on CMS signatures, by incorporation of signed and unsigned attributes, 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 the ASN.1 definitions for the aforementioned attributes as well as their usage when incorporating them to CAdES signatures. The present document specifies formats for CAdES 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 CAdES 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 CAdES attributes, suitably profiled for reducing the optionality as much as possible. Procedures for creation, augmentation and validation of CAdES digital signatures are out of scope and specified in ETSI EN 319 102-1. Guidance on creation, augmentation and validation of CAdES 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 digital signatures in different regulatory frameworks. NOTE: Specifically, but not exclusively, CAdES 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 319 122-1 V1.3.0

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 60268-24:2023
Sound system equipment - Part 24: Headphones and earphones - active acoustic noise cancelling characteristics

This document is applicable to active acoustic noise cancelling headphones and earphones which have the function of reducing the noise heard by the user by the output sound from the transducer generated by the environment noise detection microphone and the noise reduction signal processing circuit. This document specifies the terms and definitions of this type of headphones or earphones, the characteristics to be specified, and the measurement and evaluation methods. The noise detection microphones

are mounted in the body, on the surface, or on an accessory of the headphones or earphones. Signal processing circuits are analogue and digital electronic circuits. This document does not deal with equipment intended for hearing protection. The noise cancelling characteristic measurement methods may be applied to headphones and earphones having no active noise cancelling function.

Keel: en
Alusdokumendid: 100/3880/CDV; prEN IEC 60268-24:2023

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 60728-114:2023

Optical transmission systems using RFoG technology (TA5)

This part of IEC 60728 describes the system and equipment specification of FTTH/FTTB (fibre to the home/fibre to the building) networks where information is transmitted in both, forward and return path directions using RF subcarrier multiplexing technology, and where the return path transmission uses additionally time division multiple access technique imposed by the transmission of the return path signals using a TDMA (e.g. TDMA mode of DOCSIS) protocol. Such systems are called RF over Glass (RFoG) and consist of an RFoG optical network unit (R-ONU), an optical distribution network based on xPON structure, and an RFoG optical return path receiver. This standard specifies the basic system parameters and methods of measurement for RFoG systems in order to assess the system performance and its performance limits. The detailed description of physical layer is out of the scope of this standard and it does not include IP transport technologies.

Keel: en
Alusdokumendid: 100/3883/CDV; prEN IEC 60728-114:2023

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 60794-1-201:2023

Optical fibre cables - Part 1-201: Generic specification - Basic optical cable test procedures - Temperature cycling, Method F1

This part of IEC 60794-1 defines test procedures to be used in establishing uniform requirements for the environmental performance of • optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and • cables having a combination of both optical fibres and electrical conductors. Throughout this document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. This document defines a test standard to determine the ability of a cable to withstand the effects of temperature cycling by observing changes in attenuation. See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions.

Keel: en
Alusdokumendid: 86A/2290/CDV; prEN IEC 60794-1-201:2023

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 60794-1-209:2023

Optical fibre cables - Part 1-209: Generic specification - Basic optical cable test procedures - Environmental test methods - Ageing, Method F9

This part of IEC 60794-1 defines test procedures to be used in establishing uniform requirements for the environmental performance of • optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and • cables having a combination of both optical fibres and electrical conductors. Throughout this document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. This document defines a test standard to determine cable aging performance by high temperature exposure and temperature cycling in order to simulate life-time behaviour of the attenuation of cables, or physical attributes. See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions.

Keel: en
Alusdokumendid: 86A/2291/CDV; prEN IEC 60794-1-209:2023

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 63296-2:2023

Portable multimedia equipment - Determination of battery duration - Part 2: Headphones and earphones with active noise cancelling functions

This document is applicable to active acoustic noise cancelling headphones and earphones which have the function of reducing the noise heard by the user by the output sound from the transducer generated by the environment noise detection microphone and the noise reduction signal processing circuit. This document specifies the terms and definitions relating battery duration of this type of headphones or earphones and the measurement and evaluation methods. This document covers headphones and earphones to be worn over-the-ear or in-ear, all of which are referred to as headphones in this document. The noise detection microphones are mounted in the body, on the surface, or on an accessory of the headphones or earphones. Signal processing circuits are analogue and digital electronic circuits. This document does not deal with equipment intended for hearing protection. It is also not applicable to music players, recorders, etc. that have a noise cancelling function. The battery duration measurement methods may be applied to headphones and earphones having no active noise cancelling function.

Keel: en
Alusdokumendid: 100/3884/CDV; prEN IEC 63296-2:2023

Arvamusküsitluse lõppkuupäev: 01.06.2023

35 INFOTEHNOLOOGIA

prEN ISO 17117-1

Health informatics - Terminological resources - Part 1: Characteristics (ISO 17117-1:2018)

ISO 17117-1:2018 defines universal and specialized characteristics of health terminological resources that make them fit for the purposes required of various applications. It refers only to terminological resources that are primarily designed to be used for clinical concept representation or to those parts of other terminological resources designed to be used for clinical concept representation. ISO 17117-1:2018 helps users to assess whether a terminology has the characteristics or provides the functions that will support their specified requirements. The focus of this document is to define characteristics and functions of terminological resources in healthcare that can be used to identify different types of them for categorization purposes. Clauses 4 and 5 support categorization according to the characteristics and functions of the terminological resources rather than the name. NOTE Categorization of healthcare terminological systems according to the name of the system might not be helpful and has caused confusion in the past. The target groups for this document are: a) organizations wishing to select terminological systems for use in healthcare information systems; b) developers of terminological systems; c) developers of terminology standards; d) those undertaking independent evaluations/academic reviews of terminological resources; e) terminology Registration Authorities. ISO 17117-1:2018 contains general characteristics and criteria with which systems can be evaluated. The following considerations are outside the scope of this document. - Evaluations of terminological resources. - Health service requirements for terminological resources and evaluation criteria based on the characteristics and functions. - The nature and quality of mappings between different terminologies. It is unlikely that a single terminology will meet all the terminology requirements of a healthcare organization: some terminology providers produce mappings to administrative or statistical classifications such as the International Classification of Diseases (ICD). The presence of such maps would be a consideration in the evaluation of the terminology. - The nature and quality of mappings between different versions of the same terminology. To support data migration and historical retrieval, terminology providers can provide maps between versions of their terminology. The presence of such maps would be a consideration in the evaluation of the terminology. - Terminology server requirements and techniques and tools for terminology developers. - Characteristics for computational biology terminology. Progress in medical science and in terminology science will necessitate updating of this document in due course.

Keel: en
Alusdokumendid: ISO 17117-1:2018; prEN ISO 17117-1

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 9241-5

Ergonomics of human-system interaction - Part 5: Workstation layout and postural requirements (ISO/DIS 9241-5:2023)

This part of ISO 9241 specifies ergonomic guiding principles which apply to the user requirements, design, and procurement of workstation equipment for using interactive systems with visual displays. In particular, the general principles and requirements specified in this part of ISO 9241 apply to the standards specifying technical design of furniture and equipment constituting the workplace. They are intended for use by product and workstation designers and implementers.

Keel: en
Alusdokumendid: prEN ISO 9241-5; ISO/DIS 9241-5:2023
Asendab dokumenti: EVS-EN ISO 9241-5:2004

Arvamusküsitluse lõppkuupäev: 01.06.2023

39 TÄPPISMEHAANIKA. JUVEELITOOTED

prEN ISO 11427

Jewellery and precious metals - Determination of silver in silver alloys - Potentiometry using potassium bromide (ISO/DIS 11427:2023)

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 weight. 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: prEN ISO 11427; ISO/DIS 11427:2023
Asendab dokumenti: EVS-EN ISO 11427:2016

Arvamusküsitluse lõppkuupäev: 01.06.2023

45 RAUDTEETEHNIKA

prEN 15273-1

Railway applications - Gauges - Part 1: General - Common rules for Rolling Stock and Infrastructure

This document contains: — the definitions and symbols for all EN 15273 documents, — the general explanation of various elements and phenomena affecting heavy rail gauging, the general explanation of various calculation methods and processes applicable to —the heavy rail gauging that allow the dimensioning of the rolling stock and the infrastructure. This European standard document is applicable to heavy rail vehicles and networks using various track gauges. Other vehicles and networks are

outside the scope of this document, but the rules may be applied to them. This document is not applicable to the gauges “S” and “T” for track gauge 1 520 mm.

Keel: en
Alusdokumendid: prEN 15273-1
Asendab dokumenti: EVS-EN 15273-1:2013+A1:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 15273-2
Railway applications - Gauges - Part 2: Rolling Stock

This document is applicable to new vehicle designs, to modifications to existing vehicles and for checking existing vehicles to be used on another route or network. This document contains: - the rules for rolling stock for all defined gauges, - the swept envelope calculation process used for defined dynamic gauges, absolute and comparative methods; process; - the list of documents required to assess vehicle conformity to this standard. This European standard is applicable to heavy rail vehicles using various track gauges. Other vehicles are outside the scope of this document, but the rules may be applied to them. This European standard is not applicable to the gauges “S” and “T” for track gauge 1 520 mm.

Keel: en
Alusdokumendid: prEN 15273-2
Asendab dokumenti: EVS-EN 15273-2:2013+A1:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 15273-3
Railway applications - Gauges - Part 3: Infrastructure

This document: - defines the various profiles needed to install, verify and maintain the infrastructure, - lists the various phenomena to be taken into account to determine the infrastructure gauge, - defines a methodology that may be used to calculate the various profiles from these phenomena, - lists the rules to determine the distance between the track centres, - lists the rules to be complied with when building the platforms, - lists the rules to determine the pantograph gauge, - lists the formulae needed to calculate the infrastructure gauge, and is applicable for various track gauges. This document is applicable to heavy rail networks using various track gauges. Other networks are outside the scope of this document, but the rules may be applied to them. This document is not applicable to the gauges “S” and “T” for track gauge 1 520 mm.

Keel: en
Alusdokumendid: prEN 15273-3
Asendab dokumenti: EVS-EN 15273-3:2013+A1:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 15273-4
Railway applications - Gauges - Part 4: Catalogue of defined gauges

The gauges included in this document have been developed for application on mainline railway networks using various track gauges. Other networks are outside the scope of this document, but the rules may be applied to them. This document is a catalogue of reference profiles and their associated rules for the defined gauging process. This document is intended to be used with EN 15273-1, EN 15273-2 and EN 15273-3. This document is not applicable to the gauges “S” and “T” for track gauge 1 520 mm.

Keel: en
Alusdokumendid: prEN 15273-4

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 50728
Railway applications - Rolling stock - Testing for electromagnetic compatibility with track circuits

This document defines the measurement and evaluation methods of rolling stock interference current emissions to demonstrate compatibility with track circuits. This includes rolling stock with or without traction equipment. The established limits for compatibility are defined in ERA/ERTMS/033281, PD CLC/TS 50238 2 or NNTRs as current flowing between the vehicle and the electric traction power supply system that can disturb the track circuit receiver, as part of the track circuit system. Additionally, the referred documents can define a minimum rolling stock impedance in order to guarantee compatibility between the electric traction power supply system and track circuits. This document is relevant to the interference current limits defined in the ‘frequency management’ for track circuits as defined in ERA/ERTMS/033281. It is also applicable to the demonstration of compatibility with all other types of track circuits which have established compatibility according to EN 50617 1. Finally, the methodology defined in this document can also be applied to other track circuit types, including those for which the only requirements are defined in National Notified Technical Rules. NOTE Interface parameters between rolling stock and track circuits other than interference currents and impedance are out of the scope of this document.

Keel: en
Alusdokumendid: prEN 50728

Arvamusküsitluse lõppkuupäev: 01.06.2023

47 LAEVAEHITUS JA MERE-EHITISED

prEN IEC 61162-1:2023

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

This part of IEC 61162 contains the requirements for data communication between maritime electronic instruments, navigation and radiocommunication equipment when interconnected via an appropriate system. This part of IEC 61162 is intended to support one-way serial data transmission from a single talker to one or more listeners. These data are in printable ASCII form and may include information such as position, speed, depth, frequency allocation, etc. Typical messages may be from about 11 to a maximum of 82 characters in length and generally require transmission no more rapidly than one message per second. The electrical definitions in this standard are not intended to accommodate high-bandwidth applications such as radar or video imagery, or intensive database or file transfer applications. Since there is no provision for guaranteed delivery of messages and only limited error checking capability, this standard should be used with caution in all safety applications. For applications where a faster transmission rate is necessary, reference should be made to IEC 61162-2. For applications to shore based equipment of the automatic identification system (AIS) reference should be made to the IEC 62320 series.

Keel: en
Alusdokumendid: 80/1064/CDV; prEN IEC 61162-1:2023
Asendab dokumenti: EVS-EN 61162-1:2016

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 61162-2:2023

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

This part of IEC 61162 contains the requirements for data communication between maritime electronic instruments, navigation and radiocommunication equipment when interconnected via an appropriate interface. This standard is intended to support one-way serial data transmission from a single talker to one or more listeners. This data is in printable ASCII form and may include any information as specified by approved sentences or information coded according to the rules for proprietary sentences. Typical messages may be from 11 to a maximum of 79 characters in length and generally require repetition rates up to once per 20 ms. The electrical definitions in this standard are intended to accommodate higher data rates than 20 are specified in IEC 61162-1. Since there is no provision for guaranteed delivery of messages and only limited error-checking capability, this standard should be used with caution in all safety applications

Keel: en
Alusdokumendid: 80/1065/CDV; prEN IEC 61162-2:2023
Asendab dokumenti: EVS-EN 61162-2:2002

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN IEC 61162-450:2023

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

This part of IEC 61162 specifies interface requirements and methods of test for high speed communication between shipboard navigation and radiocommunication equipment as well as between such systems and other ship systems that need to communicate with navigation and radio-communication equipment. This document is based on the application of an appropriate suite of existing international standards to provide a framework for implementing data transfer between devices on a shipboard Ethernet network. This document specifies an Ethernet based bus type network where any listener can receive messages from any sender with the following properties. • This document includes provisions for multicast distribution of information formatted according to IEC 61162-1, for example position fixes and other measurements, as well as provisions for transmission of general data blocks (binary file), for example between radar and VDR, and also includes provisions for multicast distribution of information formatted according to IEC 61162-3, for example position fixes and other measurements. • This document is limited to protocols for equipment (network nodes) connected to a single Ethernet network consisting only of OSI level one or two devices and cables (Network infrastructure). • This document provides requirements only for equipment interfaces. By specifying protocols for transmission of IEC 61162-1 sentences, IEC 61162-3 PGN messages and general binary file data, these requirements will guarantee interoperability between equipment implementing this document as well as a certain level of safe behaviour of the equipment itself. • This document permits equipment using other protocols than those specified in this document to share a network infrastructure, provided that it is supplied with interfaces which satisfy the requirements described for ONF. • This document includes provisions for filtering of the network traffic in order to limit the amount of traffic to manageable level for each individual equipment. This document does not contain any system requirements other than the ones that can be inferred from the sum of individual equipment requirements. An associated standard, IEC 61162-460, further addresses system requirements.

Keel: en
Alusdokumendid: prEN IEC 61162-450:2023; 80/1066/CDV
Asendab dokumenti: EVS-EN IEC 61162-450:2018

Arvamusküsitluse lõppkuupäev: 01.06.2023

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 3637

Aerospace series - Nut, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy - NI-P101HT (Waspaloy), silver plated, Classification: 1 210 MPa/730 °C

This document specifies the dimensions of self-locking, silver-coated bi-hexagonal nuts with MJ-thread in heat resisting nickel base alloy NI-P101HT for aerospace applications. Maximum test temperature of the material 730 °C.

Keel: en
Alusdokumendid: FprEN 3637
Asendab dokumenti: EVS-EN 3637:2008

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 2350

Aerospace series - Circuit breakers - Technical specification

This document gives design information and specifies test methods for aircraft circuit breakers covered by European Standards. It is applicable if it is referred to in these standards

Keel: en
Alusdokumendid: prEN 2350
Asendab dokumenti: EVS-EN 2350:2000

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 2939

Aerospace series - Screw, 100° countersunk head, offset cruciform recess, threaded to head, in heat resisting steel FE-PA92HT (A286) - Classification: 900 MPa (at ambient temperature) / 650 °C

This document specifies the characteristics of screws with 100° countersunk head, offset cruciform recess, threaded to head, in FE-PA92HT, for aerospace applications. Classification: 900 MPa /650 °C .

Keel: en
Alusdokumendid: prEN 2939
Asendab dokumenti: EVS-EN 2939:2000

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 3475-805

Aerospace series – Cables, electrical, aircraft use - Test methods - Part 805: Characteristic impedance

This document specifies methods for measuring the characteristic impedance of a cable

Keel: en
Alusdokumendid: prEN 3475-805
Asendab dokumenti: EVS-EN 3475-805:2002

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 3475-806

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 806: Attenuation

This document specifies methods for measuring the attenuation of a cable.

Keel: en
Alusdokumendid: prEN 3475-806
Asendab dokumenti: EVS-EN 3475-806:2002

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 3672

Aerospace series - Shank nut, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated, for 30° swage - Classification: 1 210 MPa (at ambient temperature) / 730 °C

This document specifies the characteristics of self-locking shank nuts in NI-P101HT, silver plated, for use in 30° cone holes, for aerospace applications. Classification: 1 210 MPa /730 °C .

Keel: en
Alusdokumendid: prEN 3672
Asendab dokumenti: EVS-EN 3672:2016

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 3841-100

Aerospace series - Circuit breakers - Test methods - Part 100: General

This document specifies the general conditions for test methods applicable to circuit breakers.

Keel: en
Alusdokumendid: prEN 3841-100
Asendab dokumenti: EVS-EN 3841-100:2005

Arvamusküsitluse lõppkuupäev: 02.05.2023

prEN 4641-001

Aerospace series - Cables, optical - Part 001: Technical specification

This document specifies the general characteristics, conditions for qualification, acceptance and quality assurance, as well as the test methods and groups for fibre optic cables with a cladding of 125 µm outside diameter.

Keel: en
Alusdokumendid: prEN 4641-001
Asendab dokumenti: EVS-EN 4641-001:2018

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 6050

Aerospace series - Pin, close tolerance, swage locking, 100° countersunk reduced head, shear type, in aluminium alloy 7050, conversion coating - Inch series

This document specifies the characteristics of close tolerance pins, swage locking, 100° countersunk reduced head, shear type, in aluminium alloy 7050-T73 with chemical film, inch series, with a maximum operating temperature of 80 °C for aerospace application.

Keel: en
Alusdokumendid: prEN 6050

Arvamusküsitluse lõppkuupäev: 01.06.2023

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 17127

Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

This document defines the minimum requirements to ensure the interoperability of hydrogen refuelling points, including refuelling protocols that dispense gaseous hydrogen to road vehicles (e.g. Fuel Cell Electric Vehicles) that comply with legislation applicable to such vehicles. The safety and performance requirements for the entire hydrogen fuelling station, addressed in accordance with existing relevant European and national legislation, are not included in this document. This document applies to hydrogen refuelling points dispensing gaseous hydrogen to vehicles compliant with UN R134 (Regulation No. 134), UN R134 or Regulation (EC) No 79/2009. NOTE 1 Guidance on considerations for hydrogen fuelling stations is provided in ISO 19880 1:2020. NOTE 2 Units used in this document follow SI (International System of Units).

Keel: en
Alusdokumendid: prEN 17127
Asendab dokumenti: EVS-EN 17127:2020

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 18134-2

Solid biofuels - Determination of moisture content - Part 2: Total moisture - Simplified method (ISO/DIS 18134-2:2023)

ISO 18134-2:2017 describes the method of determining the total moisture content of a test sample of solid biofuels by drying in an oven and is used when the highest precision is not needed, e.g. for routine production control on site. The method described in ISO 18134 (all parts) is applicable to all solid biofuels. The moisture content of solid biofuels (as received) is always reported based on the total mass of the test sample (wet basis).

Keel: en
Alusdokumendid: ISO/DIS 18134-2; prEN ISO 18134-2
Asendab dokumenti: EVS-EN ISO 18134-2:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 3451-4

Plastics - Determination of ash - Part 4: Polyamides (ISO/DIS 3451-4:2023)

This document specifies methods for determination of the ash of polyamides, both filled and unfilled. The general procedures given in ISO 3451-1 are followed. For unfilled materials method A and method D or method C of ISO 3451-1:2019 is used. For

filled and glass-fibre reinforced materials method A and method D of ISO 3451-1:2019 is used. For glass-fibre filled materials containing flame retardant, antimony trioxide, and/or other, volatilizable, additives such as pigment zinc sulfide, a modification is incorporated to remove these as volatile bromine component(s).

Keel: en
Alusdokumendid: ISO/DIS 3451-4; prEN ISO 3451-4
Asendab dokumenti: EVS-EN ISO 3451-4:2001

Arvamusküsitluse lõppkuupäev: 01.06.2023

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 18473-4
Functional pigments and extenders for special applications - Part 4: Nanoscale titanium dioxide for photocatalytic application (ISO 18473-4:2022)

This document specifies requirements and corresponding test methods for nanoscale titanium dioxide (TiO2) in either powder or suspension form for photocatalytic application. This document is applicable to modified nanoscale titanium dioxide for photocatalytic application. Such modification can be surface treatment, coating, doping and combination thereof.

Keel: en
Alusdokumendid: ISO 18473-4:2022; prEN ISO 18473-4

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN ISO 4628-6
Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 6: Assessment of degree of chalking by tape method (ISO/DIS 4628-6:2023)

ISO 4628-6:2011 provides pictorial reference standards for designating the degree of chalking of paint coatings. It also describes a method by which the degree of chalking is rated.

Keel: en
Alusdokumendid: ISO/DIS 4628-6; prEN ISO 4628-6
Asendab dokumenti: EVS-EN ISO 4628-6:2011

Arvamusküsitluse lõppkuupäev: 01.06.2023

91 EHITUSMATERJALID JA EHITUS

prEN 13172
Thermal insulation products - Common evaluation rules

This document specifies common evaluation rules useful for the verification of the assessment and verification of constancy of performance of a thermal insulation product with harmonized technical specifications, product standards and any other assessment documents. Harmonized technical specifications, product standards and other assessment documents are called European product specifications in this document. This document applies to factory made products for buildings, factory made products for building equipment and industrial installations, in situ products for buildings, in situ products for building equipment and industrial installations, to products for civil engineering applications, and to external thermal insulation composite kits.

Keel: en
Alusdokumendid: prEN 13172
Asendab dokumenti: EVS-EN 13172:2012

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 303-2
Heating boilers - Part 2: Heating boilers with forced draught burners - Special requirements for boilers with atomizing oil burners

This document is applicable to boilers used for central heating in accordance with EN 303-1 up to a nominal heat output of 1 000 kW and EN 303-4 up to a nominal heat output of 70 kW with forced draught burners in accordance with EN 267 that are designed for operating with liquid fuels. The performance requirements of this document apply to type testing to heating boilers (standard, low temperature and condensing boilers) which are tested on a test rig in accordance with the test code given in EN 304. This document applies also to room sealed boilers as defined in EN 15035 regarding efficiency and emissions. This document can also be used as the basis for evaluation of boiler-/burner units.

Keel: en
Alusdokumendid: prEN 303-2
Asendab dokumenti: EVS-EN 303-2:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

prEN 304

Heating boilers - Test code for heating boilers for atomizing oil burners

This document applies to the determination of the performances of heating boilers and combi boilers fired by liquid fuels. The requirements for the heating performances are laid down in EN 303-1 and EN 303-2. This test code includes the requirements and recommendations for carrying out and evaluating the procedure for testing boilers and also the details of the technical conditions under which the tests will be carried out. The requirements and the performance of testing for the sanitary hot water production of combi boilers are laid down in EN 303-6.

Keel: en
Alusdokumendid: prEN 304
Asendab dokumenti: EVS-EN 304:2017

Arvamusküsitluse lõppkuupäev: 01.06.2023

93 RAJATISED

prEN ISO 22476-16

Geotechnical investigation and testing - Field testing - Part 16: Borehole shear test (ISO/DIS 22476-16:2023)

This standard describes the test method covering the procedure for drilling the borehole, inserting the probe, and performing the test in soils and weak rock by axial shearing of the borehole wall. It does not include high pressure testing in hard rock. The test works best in sands, silts, clays and weak rocks, which will maintain open test cavity or which can be held open with drilling fluid. NOTE This document is intended to be used in conjunction with EN 1997-2. EN 1997-2 defines the way ground investigation has to be done to define a reliable ground model including resistance of soils and rocks.

Keel: en
Alusdokumendid: ISO/DIS 22476-16; prEN ISO 22476-16

Arvamusküsitluse lõppkuupäev: 01.06.2023

TÕLKED KOMMENTEERIMISEL

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

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

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

EN 13445-2:2021/prA1

Leekkuumutuseta surveanumad. Osa 2: Materjalid

Muudatus standardile EN 13445-2:2021.

Keel: et
Alusdokumendid: EN 13445-2:2021/prA1

Kommenteerimise lõppkuupäev: 02.05.2023

EVS-EN ISO/IEC 27002:2022

Infoturve, küberturve ja privaatsuskaitse -Infoturvameetmed

See dokument esitab võrdlusalusena ühe komplekti üldistatud infoturvameetmeid koos teostusjuhistega. Dokument on kavandatud kasutamiseks organisatsioonides. a) standardil ISO/IEC 27001 põhineva infoturbe halduse süsteemi (ISMS) kontekstis; b) infoturvameetmete teostamiseks rahvusvaheliselt tunnustatud heade tavade põhjal; c) organisatsioonispetsiifiliste infoturbe halduse juhiste väljatöötamiseks.

Keel: et
Alusdokumendid: EN ISO/IEC 27002:2022; ISO/IEC 27002:2022

Kommenteerimise lõppkuupäev: 02.05.2023

ISO/TS 11665-13:2017 et

Radioaktiivsuse mõõtmine keskkonnas. Õhk: radoon-222. Osa 13: Difusioonitegurimääramine veekindlates materjalides: kile kahepoolne aktiivsuskontsentratsiooni katsemeetod

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

Keel: et
Alusdokumendid: ISO/TS 11665-13:2017

Kommenteerimise lõppkuupäev: 02.05.2023

prEN 17522

Täidetud soojuspuuraukude projekteerimine ja ehitus

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

Keel: et
Alusdokumendid: prEN 17522

Kommenteerimise lõppkuupäev: 02.05.2023

prEN ISO/IEC 17043

Vastavushindamine. Üldnõuded tasemekatsetustele

Selles dokumendis on määratletud üldnõuded tasemekatsetuste (PT) korraldajate kompetentsusele ja erapooletusele ning kõigi tasemekatseskeemide järjepidevale läbiviimisele. Seda dokumenti võib kasutada alusena spetsiifilistele tehnilistele nõuetele konkreetsetes rakendusvaldkondades. Tasemekatseskeemide kasutajad, reguleerivad asutused, organisatsioonid ja vastastikust hindamist kasutavad skeemid, akrediteerimisasutused ja teised saavad neid nõudeid tasemekatsetuste korraldajate kompetentsuse kinnitamiseks või tunnustamiseks kasutada.

Keel: et
Alusdokumendid: ISO/IEC DIS 17043; prEN ISO/IEC 17043

Kommenteerimise lõppkuupäev: 02.05.2023

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 668:2018

Põlevkivi. Niiskuse määramine
Oil shale - Determination of moisture

Selles Eesti standardis kirjeldatakse põlevkivi üldniiskuse määramise kahe- ja üheastmelist meetodit, analüütilise niiskuse määramise meetodit ning ka proovide ettevalmistamise korda. Standard kehtib põlevkivi kohta sõltumata päritolumaardla asukohast. Standardi järgi määratakse niiskust nii kaubapõlevkivi proovis kui ka maavara ja tehnoloogilise uuringu otstarbeks võetud kihiproovides, puursüdamikus, rikastamise jäägis ning teistes põlevkivi proovides, mis on võetud ja ette valmistatud kehtiva standardiga vastavuses.

Pikendamisküsitluse lõppkuupäev: 02.05.2023

EVS 860-7:2018

Tehniliste paigaldiste termiline isoleerimine. Osa 7: Torustikud, mahutid ja seadmed. Katete ja tugikonstruktsioonide materjalid
Thermal insulation of technical equipment. Part 7: Insulation of pipes, vessels and equipment. Covering materials and support structure

See standard on osa standardisarjast „Tehniliste paigaldiste termiline isoleerimine“, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. Selles standardis on toodud isolatsioonitöödel enim kasutatud katete ja tugikonstruktsioonide materjalid, nende tähistused ja tehnilised omadused.

Pikendamisküsitluse lõppkuupäev: 02.05.2023

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 920-4:2013

Katuseehitusreeglid. Osa 4: Kivikatused
Requirements for roof building. Part 4: Rooftile roofs

Selles Eesti standardis käsitletakse kivikatuste ehitusreegleid. Need eriala reeglid kehtivad keraamilistest katusekividest ja betoonkatusekividest katusekatete kavandamisel ja ehitamisel. Vastavalt nendele erialareeglitele kavandatakse ja ehitatakse katusekonstruktsioonid sademekindlana. Need erialareeglid on kooskõlas katuseehituse üldreeglitega standardis EVS 920-1. Erialareeglites on arvestatud tootjate paigaldusjuhistega.

Kehtima jätmise alus: EVS/TK 60 otsused 21.12.2022 (2-5/1) ja 23.03.2023 (2-8/34) ning teade pikendamisküsitlusest 17.01.2023 EVS Teatajas.

TÜHISTAMISKÜSITLUS

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

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

EVS-ISO 4805:2007

Laboratoorsed klaasnõud. Termo-alkoholomeetrid ja alkoholi-termoareomeetrid
Laboratory glassware - Thermo-alcoholometers and alcohol-thermohydrometers

Käesolev standard kirjeldab alkoholomeetrias üldkasutatavaid termomeetriga alkoholomeetreid (termo-alkoholomeetreid) ja alkoholi-termoareomeetreid. Käesolevas standardis käsitletakse alkoholomeetreid ja areomeetreid kirjeldavad üksikasju kooskõlas standardiga ISO 387. Märkus. Alkoholomeetrite skaala on justeeritud vesilahuse alkoholisisalduse otsenäidule. Alkoholiareomeetrite skaala on gradueeritud tiheduse ühikutes (nt kg/m3) ning mõõtepiirkond on valitud vastavalt alkoholomeetria rakendustele.

Keel: en, et
Alusdokumendid: ISO 4805:1982
Tühistamisküsitluse lõppkuupäev: 02.05.2023

AVALDATUD EESTIKEELSED STANDARDIPARANDUSED

Selles rubriigis avaldame teavet Eesti standardite paranduste koostamise kohta. Standardiparandus koostatakse toimetuslikku 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 14885:2022/AC:2023

Keemilised desinfektsioonivahendid ja antiseptikumid. Keemiliste desinfektsioonivahendite ja antiseptikumide Euroopa standardite rakendamine
Chemical disinfectants and antiseptics - Application of European Standards for chemical disinfectants and antiseptics

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 303-5:2021+A1:2022

Küttekatlad. Osa 5: Käsitsi ja automaatselt köetavad tahkekütusekatlad nimisoojustootlikkusega kuni 500 kW. Mõisted, nõuded, katsetamine ja märgistus
Heating boilers - Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW - Terminology, requirements, testing and marking

1.1 Üldist See dokument kohaldub küttekateldele, sealhulgas ohutusseadmetele, mille nimisoojustootlikkus on kuni 500 kW, mis on ette nähtud ainult tahkekütuste põletamiseks ja mida käitatakse katlaga kaasas olevate juhendite kohaselt ning mille väärkasutust on võimalik tootjal mõistlikult ette näha. Samuti kohaldub see dokument tahkekütusekateldele, mis võtavad põlemisõhku väljastpoolt hoonet, ja toimingutele suletud ruumis asuvate seadmetega. See dokument käsitleb olulisi ohte, ohtlikke olukordi ja sündmusi, mis on seotud katla tehnilises dokumentatsioonis täpsustatud tingimustel kasutatavate küttekateldega (vt peatükk 4). Katelde puhul võib kasutada nii loomulikku kui ka sundventilatsiooni. Kütuse etteanne võib toimida nii manuaalselt kui ka automaatselt. Katlaid võib käitada nii mittekondenseerivas kui ka kondenseerivas režiimis. MÄRKUS 1 Selles dokumendis käsitletakse katlaid, mis kuuluvad masinadirektiivi 2006/42/EÜ reguleerimisalasse või jäävad masinadirektiivi 2006/42/EÜ reguleerimisalast välja (käsitsi köetav loomuliku ventilatsiooniga katel). MÄRKUS 2 Madalatel temperatuuridel esineb kondensaadi külmumise oht kondensaadi äravoolutorus. See dokument sisaldab nõudeid ja katsemeetodeid küttekatelde ohutusele, põlemisjõudlusele, tööomadustele, märgistusele ja hooldusele. Samuti hõlmab see kõiki ohutussüsteeme mõjutavaid väliseid seadmeid (nt tagasipõlemisvastane ohutusseade, sisseehitatud kütusepunker). See dokument hõlmab ainult eraldi olevate põletitega katlaid. Dokument kohaldub tahkekütusepõletiga kombineeritud katlale standardi EN 15270:2007 kohaselt ainult juhul, kui kogu seadet on katsetatud selle dokumendi järgi. Sellele dokumendile vastavad küttekatlad on mõeldud keskkütteseadmetele, kus soojuskandjaks on vesi ja mille maksimaalne lubatud temperatuur on 110 °C ning mis võivad töötada maksimaalse lubatud töörõhuga 6 bar. Sisseehitatud või lisatud veesoojendiga (mahtveesoojendi või pidevtoimesoojendiga) küttekatelde puhul kohaldub see dokument ainult nendele veesoojendi osadele, mis peavad tingimata vastama küttekatla (kütteosa) töötingimustele. See dokument ei kohaldu alljärgnevale: — küttekatlad ja muud kütteseadmed, mis on ka ette nähtud paigalduskoha otseseks soojendamiseks, samuti Euroopa määruse 2015/1185/EL kohaselt; — toiduvalmistamise seadmed; — väliste kütusemahutite ja transpordiseadmete projekteerimine ja konstrueerimine enne katla ohutusseadmeid; — käsitsi köetavad põhukatlad; — koostootmisseadmed (soojuse ja elektri koostootmine). See dokument täpsustab tahkekütusekatelde puhul vajalikke mõisteid, juhtimis- ja ohutusnõudeid, projekteerimisnõudeid, kütmistehnilisi nõudeid (võttes seejuures arvesse keskkonnanõudeid) ning samuti katsetamis- ja märgistusnõudeid. See dokument ei kohaldu küttekateldele, mida on katsetatud enne selle dokumendi Euroopa standardina (EN) avaldamise kuupäeva. Selle dokumendi nõuete hindamiseks võib vajaduse korral kasutada standardi varasemate versioonide katsetulemusi. MÄRKUS 3 Seda dokumenti saab üle 500 kW katelde ohutuse hindamisel kasutada võrdlusmaterjalina. Selles dokumendis käsitletakse kõiki tahkekütusekateldega seotud olulisi ohte, ohtlikke olukordi ja sündmusi, kui seadmeid kasutatakse ettenähtud viisil ning mõistlikkuse piiridesse jäävate väärkasutuste tingimustes, välja arvatud müraoht. MÄRKUS 4 Dokument sisaldab müraga seotud nõudeid, kuid mitte piisavas ulatuses, et hõlmata seejuures olulisi tervisekaitse- ja ohutusnõudeid (EHSR, masinadirektiivi 2006/42/EÜ lisa I). 1.2 Kütused Käsitletavaid katlaid võib kütta selle dokumendi nõuete kohaselt kas fossiilkütuste, biogeensete kütuste või muude kütustega, milleks on näiteks turvas, nagu on ette nähtud nende kasutamist hõlmavas tehnilises dokumentatsioonis. Selles dokumendis sisalduvaid tahkekütuseid liigitatakse järgmiselt. Biogeensed kütused Looduslik biomass alltoodud vormis: — palgipuu (ümarpuit) niiskusesisaldusega kuni M25 standardi EN ISO 17225-5:2014 kohaselt; — hakkpuit kuni M35 niiskusesisaldusega vahemikus M15 kuni M35 standardi EN ISO 17225-4:2014 kohaselt; — hakkpuit üle M35 niiskusesisaldusega üle M35 standardi EN ISO 17225-4:2014 kohaselt; — puitgraanulid standardi EN ISO 17225-2:2014 kohaselt; — puitbrikett standardi EN ISO 17225-3:2014 kohaselt; — saepuru niiskusesisaldusega kuni M20; — saepuru niiskusesisaldusega M20 kuni M50; — saepuru niiskusesisaldusega kuni M20 on ohtlik tagasipõlemise tõttu; — mittepuitne biomass, nagu põhk, siidpööris, pilliroog, viljatuumad ja -terad standardi EN ISO 17225-6:2014 kohaselt. Fossiilkütused: — a bituminoosne süsi, — b pruunsüsi, — c koks, — d antratsiit. Muud tahkekütused: — muud tahkekütused, näiteks turvas või töödeldud kütused standardi EN ISO 17225-1:2014 kohaselt.

EVS-EN IEC 60601-2-43:2023

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivsete protseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2022)

Asendus: See dokument on kohaldatav selliste FIKSEERITUD ja ka TEISALDATAVATE RÖNTGENSEADMETE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE, mille TOOTJA on kinnitanud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVSETES PROTSEDUURIDES ja mida edaspidi nimetatakse MENETLUSRÖNTGENSEADMETEKS. Selle dokumendi käsitlusalast on välja jäetud — KIIRITUSRAVI seadmed, — KOMPUUTERTOMOGRAAFIA seadmed, — PATSIENDI KEHASSE SISESTAMISEKS MÕELDUD LISASEADISED, — mammograafilised RÖNTGENSEADMED, — hambaRÖNTGENSEADMED. MÄRKUS 1 Näiteid FLUOROSKOOPILISELT JUHITAVATE INVASIIVSETE PROTSEDUURIDE kohta, mille puhul on soovitatav kasutada sellele dokumendile vastavaid MENETLUSRÖNTGENSEADMEID, on toodud lisas AA. MÄRKUS 2 SELLES DOKUMENDIS EI KÄSITLETA ERINÕUDEID MAGNETNAVIGATSIOONISEADMETELE EGA ERINÕUDEID MENETLUSRÖNTGENSEADMETE KASUTAMISELE OPERATSIOONITOA KESKKONNAS; SEEGA EI OLE SELLISTE SEADMETE EGA SELLISE KASUTAMISE KOHTA ANTUD MINGEID ERINÕUDEID. IGAL JUHUL ON SELLISED SEADMED JA SELLINE KASUTAMINE KAETUD ÜLDNÕUETE PEATÜKIGA. MÄRKUS 3 Koonuskimpkompuutertomograafia režiimis (ehk koonuskimp-KT-režiimis) kasutatav MENETLUSRÖNTGENSEADE on kaetud siinse dokumendiga, mitte standardiga IEC 60601-2-44 [1] . Siinse dokumendi kontekstis ei ole koonuskimp-KT-režiimis talitluseks määratletud mingeid lisanõudeid (vt ka märkus 5 jaotises 203.6.4.5).

MENETLUSRÖNTGENSEADMED, MILLE ON TOOTJA KINNITANUD OLEMA SOBILIKUD KASUTAMISEKS FLUOROSKOOPILISELT JUHITAVATES INVASIIVSETES PROTSEDUURIDES, KUID MILLEL PUUDUB SÜSTEEMI OSANA PATSIENDILAUD, ON VABASTATUD SELLE DOKUMENDI SÄTETEST PATSIENDILAUALE. Kui peatükk või jaotis on spetsiifiliselt ette nähtud kohaldamiseks ainult MENETLUSRÖNTGENSEADMETELE või ainult EM-SÜSTEEMIDELE, on see väljendatud selle peatüki või jaotise pealkirjas ja sisus. Kui seda pole öeldud, on see peatükk või jaotis asjakohaselt kohaldatav nii MENETLUSRÖNTGENSEADMETELE kui ka EM-SÜSTEEMIDELE. IEC 60601-2-54 on kohaldatav ainult selle viidatud jaotiste puhul; standardi IEC 60601-2-54 viitamata jaotised ei ole kohaldatavad.

EVS-EN ISO 10088:2023

Väikelaevad. Püsipaigaldusega kütusesüsteemid
Small craft - Permanently installed fuel systems (ISO 10088:2022)

Selles dokumendis määratakse kindlaks sisepõlemismootorite püsipaigaldusega kütusesüsteemide projekteerimise, materjalide, konstruktsiooni, paigaldamise ja katsetamise nõuded. Seda kohaldatakse püsipaigaldatud diisel- ja bensiinimootori kütusesüsteemide kõigile osadele, nagu need on paigaldatud, alates sise- ja päramootoriga väikelaevade kütuse täitmisavast kuni käituri või lisamootori(te) ühenduskohani. Nõuded väikelaevadesse püsipaigaldatud sisepõlemismootorite bensiini- ja diislikütuse paakide projekteerimiseks ja katsetamiseks on esitatud standardis ISO 21487:2022

EVS-EN ISO 14015:2022

Keskkonnajuhtimine. Juhised keskkonnaalase nõuetekohase hoolsuse hindamiseks
Environmental management - Guidelines for environmental due diligence assessment (ISO 14015:2022)

Selles dokumendis antakse juhiseid selle kohta, kuidas viia läbi keskkonnaalase nõuetekohase hoolsuse (KNH) hindamine keskkonnaaspektide, -küsimuste ja -tingimuste kindlakstegemise ning vajaduse korral nende äritegevuse tagajärgede kindlaksmääramise süstemaatilise protsessi kaudu. See dokument ei anna juhiseid muud liiki keskkonnamõju hindamise teostamiseks, näiteks a) keskkonnaauditid; b) keskkonnamõju hindamine; c) keskkonnategevuse tulemuslikkuse, tõhususe või usaldusväärsuse hindamine; d) keskkonna süvauuringud ja saastekahjustuste kõrvaldamine.

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.
Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN ISO 14015:2022	Environmental management - Guidelines for environmental due diligence assessment (ISO 14015:2022)	Keskkonnajuhtimine. Juhised keskkonnaalase nõuetekohase hoolsuse hindamiseks

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2014/34/EL
Plahvatusohtliku keskkonna seadmed ja kaitsesüsteemid
(Rakendusotsuse (EL) 2022/1668 muudatus, EL Teataja L 079, 17. märts 2023)

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 17348:2022 Plahvatusohtlikus keskkonnas kasutatavate tolmuimejate projekteerimise ja katsetamise nõuded	17.03.2023		
EVS-EN 60079-29-1:2016/A1:2022 Plahvatusohtlikud keskkonnad. Osa 29-1: Gaasidetektorid. Põlevgaasidetektorite toimivusnõuded	17.03.2023		
EVS-EN 60079-29-1:2016/A11:2022 Plahvatusohtlikud keskkonnad. Osa 29-1: Gaasidetektorid. Põlevgaasidetektorite toimivusnõuded	17.03.2023		
EVS-EN 60079-29-1:2016+A1+A11:2022 Plahvatusohtlikud keskkonnad. Osa 29-1: Gaasidetektorid. Põlevgaasidetektorite toimivusnõuded	17.03.2023	EN 60079-29-1:2016	17.09.2024

Direktiiv 2014/35/EL
Madalpinge
(Rakendusotsuse (EL) 2019/1956 muudatus, EL Teataja L 079, 17. märts 2023)

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 60335-2-30:2010/A13:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele	17.03.2023		
EVS-EN 60335-2-30:2010+A11+A1+A12+A2+A13:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele	17.03.2023		
EVS-EN 62423:2012/A12:2022 Majapidamises ja muuks taoliseks kasutamiseks ette nähtud, tüüpidesse F ja B kuuluvad rikkevoolukaitse-lülitid sisseehitatud liigvoolukaitsega või ilma selleta	17.03.2023		
EVS-EN IEC 60335-2-11:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-11: Erinõuded trummelkuivatitele	17.03.2023	EN 60335-2-11:2010; EN 60335-2-11:2010/A11:2012; EN 60335-2-11:2010/A1:2015	17.09.2024
EVS-EN IEC 60335-2-11:2022/A11:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-11: Erinõuded trummelkuivatitele	17.03.2023		