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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 17861:2023

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular Economy - Terms and definitions

This document defines terms regarding circular economy that are used by the flooring sector.

Keel: en
Alusdokumendid: EN 17861:2023

EVS-EN ISO/IEC 22989:2023

Information technology - Artificial intelligence - Artificial intelligence concepts and terminology (ISO/IEC 22989:2022)

This document establishes terminology for AI and describes concepts in the field of AI. This document can be used in the development of other standards and in support of communications among diverse, interested parties or stakeholders. This document is applicable to all types of organizations (e.g. commercial enterprises, government agencies, not-for-profit organizations).

Keel: en
Alusdokumendid: EN ISO/IEC 22989:2023; ISO/IEC 22989:2022

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

EVS-EN 17870:2023

Intelligent transport systems - eSafety - eCall additional data concept for equipment limitations

This document defines an additional data concept that can be transferred as the ‘optional additional data’ part of an eCall MSD, as defined in EN 15722, that can be transferred from a vehicle to a PSAP in the event of a crash or emergency via an eCall communication session. The purpose of this document is to provide means to notify the PSAP of any limitations to the sending equipment that are endorsed by other standards, but not (immediately) apparent to the receiver. Lack of knowledge about these limitations can hamper the emergency process. This document describes an additional data concept which facilitates the inclusion of information about such limitations in a consistent and usable matter. This document can be seen as an addendum to EN 15722; it contains as little redundancy as possible. NOTE 1 The communications media protocols and methods for the transmission of the eCall message are not specified in this document. NOTE 2 Additional data concepts can also be transferred, and it is advised to register any such data concepts using a data registry as defined in EN ISO 24978 [1]. See www.esafetydata.com for an example.

Keel: en
Alusdokumendid: EN 17870:2023

EVS-ISO 21503:2023

Projekti-, programmi- ja portfellijuhtimine. Programmijuhtimise juhised
Project, programme and portfolio management — Guidance on programme management (ISO 21503:2022, identical)

See dokument annab juhised programmijuhtimiseks. See dokument on rakendatav igat tüüpi, sealhulgas avaliku või erasektori, igasuguse suurusega või mis tahes sektorisse kuuluvates organisatsioonides, samuti igat tüüpi programmides sõltumata nende keerukusest. See dokument annab üldised kirjeldused asjakohastest terminitest, määratlustest, kontseptsioonidest, eeldustest ja menetlustest koos rollide ja vastutusega, mis moodustavad programmijuhtimise hea tava. See dokument ei anna juhiseid protsesside, meetodite ega vahendite kohta.

Keel: en, et
Alusdokumendid: ISO 21503:2022

07 LOODUS- JA RAKENDUSTEADUSED

EVS-ISO 15553:2023

Vee kvaliteet. Veest Cryptosporidium'i ootsüstide ja Giardia tsüstide isoleerimine ning identifitseerimine
Water quality - Isolation and identification of Cryptosporidium oocysts and Giardia cysts from water (ISO 15553:2006, identical)

See rahvusvaheline standard täpsustab meetodi, mis on rakendatav Cryptosporidium’i ootsüstide ja Giardia tsüstide avastamiseks ja loendamiseks vees. See on rakendatav pinna- ja põhjavee, töödeldud vee, mineraalvee, basseini- ja puhkeveekogude vee uurimisel. See meetod ei võimalda identifitseerida liigi tasandil, päritolu peremeesliiki ega määrata võimaliku Cryptosporidium’i ootsüsti või Giardia tsüsti elujõulisust või nakkavust. Need protseduurid on mõeldud kasutamiseks kogenud analüüside tegijatele, kes on enne analüüsi alustamist edukalt läbinud pädevuse kontrollid. Lisaks peaksid selliste analüüside tegijad jätkama pädevuse

demonstreerimist, kontrollides korrapäraste ajavahemike järel külviproove ja osaledes välistes kvaliteeditagamise skeemides. MÄRKUS Võib esineda Cryptosporidium'i või Giardia morfoloogiaga sarnaseid kehasid ja neid võib segi ajada ootsüstide või tsüstidega. Tulemusi tuleks tõlgendada ettevaatlikult. Kui tekib kahtlus ootsüstide või tsüstide identiteedis või kui saadakse ebatavaliselt kõrge tulemus, on soovitatav lasta alusklaase uurida teiste laborite ekspertidel, et leide kinnitada või ümber lükata.

Keel: en, et
Alusdokumendid: ISO 15553:2006

11 TERVISEHOOLDUS

EVS-EN ISO 13004:2023

Sterilization of health care products - Radiation - Substantiation of selected sterilization dose: Method VDmaxSD (ISO 13004:2022)

Adoption of ISO 13004:2022 – This is currently in FDIS and will be publishing in October 2022. This document describes a method for substantiating a selected sterilization dose of 17,5, 20, 22,5, 27,5, 30, 32,5 or 35 kGy that achieves a sterility assurance level (SAL) of 10−6 or less for radiation sterilization of health care products. This Technical Specification also specifies a method of sterilization dose audit used to demonstrate the continued effectiveness of the substantiated sterilization dose. NOTE Selection and substantiation of the sterilization dose is used to meet the requirements for establishing the sterilization dose within process definition in ISO 11137-1.

Keel: en
Alusdokumendid: ISO 13004:2022; EN ISO 13004:2023
Asendab dokumenti: CEN ISO/TS 13004:2014

EVS-EN ISO 15854:2023

Dentistry - Casting and baseplate waxes (ISO 15854:2023)

This document specifies the classification of and requirements for waxes used for dental casting (including products intended for CAD/CAM milling) using the lost-wax technique and dental baseplate preparation together with the test methods to be employed to determine compliance with these requirements. Solid polymer products (such as acrylics) for CAD/CAM work, and thermoplastic or photo-curing resins used in additive processes, are not covered by this document. This document does not include specific and quantitative requirements for freedom from biological hazards.

Keel: en
Alusdokumendid: ISO 15854:2023; EN ISO 15854:2023
Asendab dokumenti: EVS-EN ISO 15854:2021

EVS-EN ISO 24072:2023

Aerosol bacterial retention test method for air-inlet on administration devices (ISO 24072:2023)

This document specifies a test method to assess bacterial retention ability of finished stand-alone and integrated air-inlet filters on administration devices for infusion and transfusion applications.

Keel: en
Alusdokumendid: ISO 24072:2023; EN ISO 24072:2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TR 20736:2023

Sludge recovery, recycling, treatment and disposal - Guidance on thermal treatment of sludge (ISO/TR 20736:2021)

This Technical Report describes good practice for the incineration and other organic matter treatment by thermal processes of sludges. Thermal conditioning is excluded. This Technical Report is applicable for sludges described in the scope of ISO/TC 275 specifically derived from: — storm water handling; — night soil; — urban wastewater collecting systems; — urban wastewater treatment plants; — treating industrial wastewater similar to urban wastewater; It includes all sludge that may have similar environmental and/or health impacts but excludes hazardous sludge from industry and dredged sludge.

Keel: en
Alusdokumendid: ISO/TR 20736:2021; CEN ISO/TR 20736:2023

CWA 17897-2:2023

Extraction, production and purification of added value products from urban wastes - Part 2: Extraction and purification of PHA biopolymers

The present document specifies a method of extraction and purification of PHA biopolyesters using chlorinated solvent-free and wet chemistry methods from enriched biomass with a PHAs extraction efficiency > 80 % with a purity > 95 % and a molecular weight > 200 kDa. This document is applicable to pre-digestion of the input biomass, which is a dried PPB with high PHA content.

Keel: en
Alusdokumendid: CWA 17897-2:2023

CWA 18004:2023

Requirements for acquiring digital information from victims during Search and Rescue operations

This document specifies requirements for digital victim tracking systems used for acquiring digital information from victims during a Search and Rescue operation. The document is applicable to Search and Rescue and emergency response equipment manufacturers and developers of digital victim tracking systems

Keel: en
Alusdokumendid: CWA 18004:2023

CWA 18005:2023

Requirements and recommendations for social media early warning messages in crisis and disaster management

This document provides requirements and recommendations for the content and structure of social media early warning messages and notifications in crisis and disaster management towards the public. This document does not cover audio content. NOTE 1 The content, form, format, quality, design and usage of audio content can be an important contributing factor to a social media early warning message. There could be some specific regulations about the use of certain audio content. This document is applicable to all stakeholders in crisis and disaster management that seek to disseminate social media early warning messages and notifications to the public. This document does not cover how and when to use social media. NOTE 2 For organisations performing a public warning function, [1] gives guidance on the use of social media in emergency management and on how organisations and the public can use, and interact through, social media before, during and after an incident as well as how social media can support the work of emergency services.

Keel: en
Alusdokumendid: CWA 18005:2023

CWA 18013:2023

Collaborative emergency response - Common addressing format and emergency identification protocol

This CWA specifies a hierarchical naming system for public and private safety agencies and emergency authorities. It covers a common addressing format to be used by authorities, in order to uniquely be identified. This addressing format identifies the agencies and their teams/departments, enabling the quick and easy selection of the agencies that should share a specific piece of information. Additionally, the specifications of an emergency discovery mechanism are provided, enabling the hosting, indexing and discovery of the available agencies, through the usage of their unique address. Each agency will be represented by a record on the mechanism that will associate the operational and technical characteristics of the agency with the related unique address. Specifications on the data structures and the functionalities that are required to register and get details about an agency are provided. The message can be targeted to the designated groups such as the incident management and command & control system designers and engineers and decision-makers in emergency management.

Keel: en
Alusdokumendid: CWA 18013:2023

EVS-EN 12255-14:2023

Wastewater treatment plants - Part 14: Disinfection

This document specifies design principles and performance requirements for disinfection of effluents (excluding sludge) at wastewater treatment plants serving more than 50 PT. NOTE Sludge disinfection is described in EN 12255-8.

Keel: en
Alusdokumendid: EN 12255-14:2023
Asendab dokumenti: EVS-EN 12255-14:2004

EVS-EN 12255-6:2023

Wastewater treatment plants - Part 6: Activated sludge process

See Euroopa standard määratleb reoveepuhastuse toimivusnõuded puhastitele, milles on kasutusel aktiivmudaprotsessid, reostuskoormusega enam kui 50 ie. Teatmelisad A-W sisaldavad projekteerimisandmeid.

Keel: en
Alusdokumendid: EN 12255-6:2023
Asendab dokumenti: EVS-EN 12255-6:2002

EVS-EN 14470-1:2023

Fire safety storage cabinets - Part 1: Safety storage cabinets for flammable liquids

This document is a product specification, giving performance requirements for fire safety storage cabinets to be used for the storage of flammable liquids. It is applicable to cabinets with a total internal volume of not greater than 2 m3, which can be free standing, restrained to a wall or mounted on plinth or castors. This document does not apply to brick enclosures or walk-in storage rooms. This document does not apply to any support frame or mechanism other than the base which is integral to the fire safety storage cabinet. Requirements are given in respect of the construction of the fire safety storage cabinet and its capacity to resist fire conditions on the outside. A classification of fire safety storage cabinets is given, according to the level of fire resistance offered, and a type test is included, see Annex A. The tests described in this document are type tests. This document does not discriminate between different flammable liquids, which can have considerably different physical properties. Attention is drawn to national regulations, which can apply with regard to the storage of flammable liquids.

Keel: en
Alusdokumendid: EN 14470-1:2023
Asendab dokumenti: EVS-EN 14470-1:2004

EVS-EN 17558:2023

Ergonomics - Ergonomics of PPE ensembles

This document contains test methods for comparing the performance of different ensembles as part of any PPE selection process. This document does not replace the product standards for the certification of individual items of PPE. It specifies the testing of individual items of PPE as an ensemble, so that the interactions between the individual items of PPE can be evaluated and any adverse interactions between the individual items of PPE, the user and the environment can be identified. It specifies requirements for testing by either assessing the performance of a PPE ensemble against a benchmark condition (i.e. benchmark testing) or assessing the performance of two or more PPE ensembles against each other (i.e. comparative testing). This document incorporates examples of laboratory and field tests. It can also be used to assess the performance regarding the ergonomics of an ensemble that incorporates an item of PPE that has never before been incorporated into an ensemble, and the listed methods can be combined into dedicated test batteries for evaluating that ensemble.

Keel: en
Alusdokumendid: EN 17558:2023

EVS-EN 17861:2023

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular Economy - Terms and definitions

This document defines terms regarding circular economy that are used by the flooring sector.

Keel: en
Alusdokumendid: EN 17861:2023

EVS-EN 17870:2023

Intelligent transport systems - eSafety - eCall additional data concept for equipment limitations

This document defines an additional data concept that can be transferred as the ‘optional additional data’ part of an eCall MSD, as defined in EN 15722, that can be transferred from a vehicle to a PSAP in the event of a crash or emergency via an eCall communication session. The purpose of this document is to provide means to notify the PSAP of any limitations to the sending equipment that are endorsed by other standards, but not (immediately) apparent to the receiver. Lack of knowledge about these limitations can hamper the emergency process. This document describes an additional data concept which facilitates the inclusion of information about such limitations in a consistent and usable matter. This document can be seen as an addendum to EN 15722; it contains as little redundancy as possible. NOTE 1 The communications media protocols and methods for the transmission of the eCall message are not specified in this document. NOTE 2 Additional data concepts can also be transferred, and it is advised to register any such data concepts using a data registry as defined in EN ISO 24978 [1]. See www.esafetydata.com for an example.

Keel: en
Alusdokumendid: EN 17870:2023

EVS-EN ISO 10819:2013+A1+A2:2022

Mehaaniline vibratsioon ja löögid. Labakäe-käsivarre vibratsioon. Meetod kinnaste vibratsiooniülekande mõõtmiseks ja hindamiseks peopesast
Mechanical vibration and shock - Hand-arm vibration - Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand (ISO 10819:2013 + ISO 10819:2013/Amd 1:2019 + ISO 10819:2013/Amd 2:2021)

This International Standard specifies a method for the laboratory measurement, data analysis, and reporting of the vibration transmissibility of a glove with a vibration-reducing material that covers the palm, fingers, and thumb of the hand. This International Standard specifies vibration transmissibility in terms of vibration transmitted from a handle through a glove to the palm of the hand in one-third-octave frequency bands with centre frequencies of 25 Hz to 1 250 Hz. The measurement procedure specified in this International Standard can also be used to measure the vibration transmissibility of a material that is being evaluated for use to cover a handle of a machine or for potential use in a glove. However, results from this test cannot be used to certify that a material used to cover a handle meets the requirements of this International Standard to be classified as an antivibration covering. A material tested in this manner could later be placed in a glove. When this is the case, the glove needs to be tested in accordance with the measurement procedure of this International Standard and needs to meet the vibration attenuation performance requirements of this International Standard in order to be classified as an antivibration glove. NOTE ISO 13753[1] defines a method for screening materials used for vibration attenuation on the handles of machines and for gloves.

Keel: en
Alusdokumendid: ISO 10819:2013; EN ISO 10819:2013; ISO 10819:2013/Amd 1:2019; EN ISO 10819:2013/A1:2019; ISO 10819:2013/Amd 2:2021; EN ISO 10819:2013/A2:2022
Konsolideerib dokumenti: EVS-EN ISO 10819:2013
Konsolideerib dokumenti: EVS-EN ISO 10819:2013/A1:2019
Konsolideerib dokumenti: EVS-EN ISO 10819:2013/A2:2022

EVS-EN ISO 13997:2023

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

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

Keel: en
Alusdokumendid: EN ISO 13997:2023; ISO 13997:2023
Asendab dokumenti: EVS-EN ISO 13997:2000

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TS 14632:2023

Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity

This Technical Specification gives guidance on the assessment of conformity of GRP-UP (glass-reinforced thermosetting resins based on unsaturated polyesters) piping products and assemblies in accordance with EN 1796 and EN 14364 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of third-party certification procedures. This Technical Specification also gives guidance on the assessment of conformity of GRP-UP manholes and inspection chambers in accordance with prEN 15383. Pipes according to EN 14364 are used for manufacturing the shafts and chamber units. Additional statements as needed to assess the conformity of manholes and inspection chambers are given in Annex F. NOTE 1 It is recommended that the quality management system conforms to or is no less stringent than the relevant requirements to EN ISO 9001 [3]. NOTE 2 If third-party certification is involved, it is recommended that the certification body is accredited to EN 45011 [1], EN 45012 [2] or EN ISO/IEC 17021 [5], as applicable.

Keel: en
Alusdokumendid: CEN/TS 14632:2023
Asendab dokumenti: CEN/TS 14632:2012

EVS-EN 12449:2023

Copper and copper alloys - Seamless, round tubes for general purposes

This document specifies the composition, property requirements and tolerances on dimensions and form for seamless round drawn copper and copper alloy tubes for general purposes supplied in the size range from 3 mm up to and including 450 mm outside diameter and from 0,3 mm up to and including 20 mm wall thickness. The sampling procedures and the methods of test for verification of conformity to the requirements of this document are also specified. NOTE Tubes having an outside diameter less than 80 mm and/or a wall thickness greater than 2 mm in certain alloys are most frequently used for free machining purposes which are specified in EN 12168.

Keel: en
Alusdokumendid: EN 12449:2023
Asendab dokumenti: EVS-EN 12449:2016+A1:2019

EVS-EN 17821:2023

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

This document specifies: - general construction, performance and material requirements for Frost Resistant Taps for outdoor use (FRT), PN 10. - the application in the potable water installation with a static pressure of maximum 1,0 MPa (10 bar) and a distribution temperature of maximum 25 °C (PWC). FRT valves shall consist of the 3 areas shown in Figure 1. The conditions of use are according to the following Table 1. The requirements with regard to the potable water quality are specified in national regulations.

Keel: en
Alusdokumendid: EN 17821:2023

EVS-EN IEC 60534-1:2023

Industrial-process control valves - Part 1: Control valve terminology and general considerations

IEC 60534-1:2023 applies to all types of industrial-process control valves (hereinafter referred to as control valves). This document establishes a partial basic terminology list and provides guidance on the use of all other parts of IEC 60534.

Keel: en
Alusdokumendid: IEC 60534-1:2023; EN IEC 60534-1:2023
Asendab dokumenti: EVS-EN 60534-1:2005

EVS-EN ISO 5117:2023

Automatic steam traps - Production and performance characteristic tests (ISO 5117:2023)

This document specifies the production and performance relevant test requirements for automatic steam traps used for condensate removal/recovery services for optimized utilization of energy, in refinery, power generation or other general applications where steam is used as a medium of heat transfer. The tests can be classified as production tests and performance characteristic tests and can be conducted to ensure the correct functioning of a steam trap or to evaluate the performance of a particular design. This document specifies the tests performed relative to each one of these two categories and briefly describes the corresponding test methods.

Keel: en
Alusdokumendid: ISO 5117:2023; EN ISO 5117:2023
Asendab dokumenti: EVS-EN 26948:1999
Asendab dokumenti: EVS-EN 27841:1999
Asendab dokumenti: EVS-EN 27842:1999

25 TOOTMISTEHNOLOOGIA

CEN ISO/ASTM TR 52905:2023

Additive manufacturing of metals - Non-destructive testing and evaluation - Defect detection in parts (ISO/ASTM TR 52905:2023)

This document categorises additive manufacturing (AM) defects in DED and PBF laser and electron beam category of processes, provides a review of relevant current NDT standards, details NDT methods that are specific to AM and complex 3D geometries and outlines existing non-destructive testing techniques that are applicable to some AM types of defects. This document is aimed at users and producers of AM processes and it applies, in particular, to the following: — safety critical AM applications; — assured confidence in AM; — reverse engineered products manufactured by AM; — test bodies wishing to compare requested and actual geometries.

Keel: en
Alusdokumendid: ISO/ASTM TR 52905:2023; CEN ISO/ASTM TR 52905:2023

CEN ISO/ASTM TR 52952:2023

Additive Manufacturing of metals - Feedstock materials - Correlating of rotating drum measurement with powder spreadability in PBF-LB machines (ISO/ASTM TR 52952:2023)

This document provides an example of the relation between the characterization of certain macroscopic properties of metallic powders and their spreadability in an PBF-LB/M AM machines. This relation is based on a new technique combining measurements inside a PBF-LB/M machine and image processing developed to quantify the homogeneity of the powder bed layers during spreading. In this document, the flowability of five metal powders are investigated with an automated rotating drum method, whose dynamic cohesive index measurement is shown to establish a correlation with the spreadability of the powder during the layer deposition operation. Furthemore, the particule size distribution (PSD) and morphology of each powder is characterized before testing by static image analysis method (according to ISO 13322-1). The general principle of the method is described in Figure 1.

Keel: en
Alusdokumendid: ISO/ASTM TR 52952:2023; CEN ISO/ASTM TR 52952:2023

EVS-EN 10244-2:2023

Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings

This document specifies the requirement for coating mass, other properties and testing of zinc and zinc alloy coatings on steel wire and steel wire products of circular or other section.

Keel: en
Alusdokumendid: EN 10244-2:2023
Asendab dokumenti: EVS-EN 10244-2:2009

EVS-EN 16602-70-40:2023

Space product assurance - Processing and quality assurance requirements for hard brazing of metallic materials for flight hardware

This Standard specifies the processing and quality assurance requirements for brazing processes for space flight applications. Brazing is understood as the joining and sealing of materials by means of a solidification of a liquid filler metal. The term brazing in this standard is used as equivalent to soldering, in cases that the filler materials have liquidus temperatures below 450 °C. Brazing and soldering are allied processes to welding and this standard is supplementing the standard for welding ECSS-Q-ST-70-39. This standard does not cover requirements for: • Joining processes by adhesive bonding (ECSS-Q-ST-70-16), • Soldering for electronic assembly purposes (ECSS-Q-ST-70-61), • Soldering used in hybrid manufacturing (ESCC 2566000). The standard covers but is not limited to the following brazing processes: • Torch brazing, • Furnace brazing, • Dip Brazing and Salt-bath brazing, • Induction Brazing. This Standard does not detail the brazing definition phase and brazing pre-verification phase, including the derivation of design allowables. This standard may be tailored for the specific characteristic and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: EN 16602-70-40:2023

EVS-EN IEC 60534-1:2023

Industrial-process control valves - Part 1: Control valve terminology and general considerations

IEC 60534-1:2023 applies to all types of industrial-process control valves (hereinafter referred to as control valves). This document establishes a partial basic terminology list and provides guidance on the use of all other parts of IEC 60534.

Keel: en
Alusdokumendid: IEC 60534-1:2023; EN IEC 60534-1:2023
Asendab dokumenti: EVS-EN 60534-1:2005

29 ELEKTROTEHNIKA

EVS-EN IEC 60071-2:2023

Insulation co-ordination - Part 2: Application guidelines

This part of IEC 60071 constitutes application guidelines and deals with the selection of insulation levels of equipment or installations for three-phase a.c. systems. Its aim is to give guidance for the determination of the rated withstand voltages for ranges I and II of IEC 60071- 1 and to justify the association of these rated values with the standardized highest voltages for equipment. This association is for insulation co-ordination purposes only. The requirements for human safety are not covered by this document. This document covers three-phase a.c. systems with nominal voltages above 1 kV. The values derived or proposed herein are generally applicable only to such systems. However, the concepts presented are also valid for two-phase or single-phase systems. This document covers phase-to-earth, phase-to-phase and longitudinal insulation. This document is not intended to deal with routine tests. These are to be specified by the relevant product committees. The content of this document strictly follows the flow chart of the insulation co-ordination process presented in Figure 1 of IEC 60071-1:2019. Clauses 5 to 8 correspond to the squares in this flow chart and give detailed information on the concepts governing the insulation coordination process which leads to the establishment of the required withstand levels. This document emphasizes the necessity of considering, at the very beginning, all origins, all classes and all types of voltage stresses in service irrespective of the range of highest voltage for equipment. Only at the end of the process, when the selection of the standard withstand voltages takes place, does the principle of covering a particular service voltage stress by a standard withstand voltage apply. Also, at this final step, this document refers to the correlation made in IEC 60071-1 between the standard insulation levels and the highest voltage for equipment. The annexes contain examples and detailed information which explain or support the concepts described in the main text, and the basic analytical techniques used.

Keel: en
Alusdokumendid: IEC 60071-2:2023; EN IEC 60071-2:2023
Asendab dokumenti: EVS-EN IEC 60071-2:2018

EVS-EN IEC 60076-19-1:2023

Power transformers - Part 19-1: Rules for the determination of uncertainties in the measurement of the losses of power transformers

IEC 60076-19-1:2023 defines the procedures that are applied to evaluate the uncertainty affecting the measurements of no-load and load losses during the routine tests on power transformers. This document centres on measuring systems utilizing digital instruments, although the procedures can be adapted to evaluation of systems with analogue instruments where further uncertainty sources have to be taken into account. This document specifies how to determine measurement uncertainty and how to apply corrections for known errors in the measurement chain. Information vis-à-vis judgement and traceability are given in IEC 60076-8:1997, 10.1 and 10.2.

Keel: en
Alusdokumendid: IEC 60076-19-1:2023; EN IEC 60076-19-1:2023
Asendab dokumenti: EVS-EN 60076-19:2015

EVS-EN IEC 61543:2023

Rikkevoolukaitselülitid kasutamiseks majapidamises ja muudel taolistel juhtudel. Elektromagnetiline ühilduvus
Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility

This document provides specific emission and immunity requirements, tests and performance criteria for residual current-operated protective devices (RCDs), for household and similar use, for rated voltages not exceeding 440 V. Household and similar use corresponds to the description given in the generic standard IEC 61000-6-1 for residential, commercial, and light-industrial electromagnetic environments. This document is intended to be referred to by RCD product standards and is not intended to be used as a standalone document. Residual current-operated protective devices are: - Residual current operated circuit-breakers without integral overcurrent protection for household and similar use (RCCBs) covered by IEC 61008 series and IEC 62423; - Residual current operated circuit-breakers with integral overcurrent protection for household and similar use (RCBOs) covered by IEC 61009 series and IEC 62423; - Residual current devices with or without overcurrent protection for socket-outlets (SRCDs) covered by IEC 62640; - Portable residual current devices without integral overcurrent protection (PRCDs) covered by IEC 61540; - Devices with an RCD functionality for household and similar use according product standards following the group safety publications for general safety requirements for RCDs, IEC 60755. This edition applies if it is referred to as a dated reference in the relevant product standard. This document is also intended to be used as a guideline in the preparation of EMC requirements and tests for other product standards under the scope of SC 23E. It also specifies generic performance criteria intended to be transformed into specific performance criteria by the relevant product standard. Note: Examples of other product standards under the scope of SC 23E are: - IEC 62020-1 "Electrical accessories - Residual current monitors (RCMs) – Part 1: RCMs for household and similar uses"; - IEC 62606 "General requirements for arc fault detection devices"; - IEC 63024 "Requirements for automatic

reclosing devices (ARDs) for circuit breakers, RCBOs-RCCBs for household and similar uses"; - IEC 63052 "Power frequency overvoltage protective devices (POPs) for household and similar applications"; - IEC 62752 "In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)"; - IEC 62955 "Residual direct current detecting device (RDC-DD) to be used for mode 3 charging of electric vehicles".

Keel: en
Alusdokumendid: EN IEC 61543:2023; IEC 61543:2022
Asendab dokumenti: EVS-EN 61543:2001
Asendab dokumenti: EVS-EN 61543:2001/A11:2003
Asendab dokumenti: EVS-EN 61543:2001/A12:2005
Asendab dokumenti: EVS-EN 61543:2001/A2:2006

EVS-EN IEC 61543:2023/A11:2023

Rikkevoolukaitselülitid kasutamiseks majapidamises ja muudel taolistel juhtudel. Elektromagnetiline ühilduvus
Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility

Amendment to EN IEC 61543:2023

Keel: en
Alusdokumendid: EN IEC 61543:2023/A11:2023
Muudab dokumenti: EVS-EN IEC 61543:2023

31 ELEKTROONIKA

EVS-EN IEC 61076-2-115:2023

Connectors for electrical and electronic equipment - Product requirements - Part 2-115: Circular connectors - Detail specification for 12-pole shielded connectors with 2 A rated current and IP65/IP67 metal housing with push-pull locking

IEC 61076-2-115:2023 describes free and fixed 12P shielded circular connectors with 2 A rated current, rated voltage up to and including 50 V AC/DC, IP65/IP67 metal housing with push-pull locking (hereinafter referred to as a connectors) for use in electrical and electronic equipment. It includes overall dimensions, interface dimensions, technical characteristics, performance requirements and test methods.

Keel: en
Alusdokumendid: IEC 61076-2-115:2023; EN IEC 61076-2-115:2023

33 SIDETEHNIKA

EVS-EN 303 687 V1.1.1:2023

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: ETSI EN 303 687 V1.1.1

EVS-EN 319 122-1 V1.3.1:2023

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: ETSI EN 319 122-1 V1.3.1

EVS-EN IEC 55036:2020/A1:2023

Electric and hybrid electric road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz

Amendment to EN IEC 55036:2020

Keel: en
Alusdokumendid: CISPR 36:2020/AMD1:2023; EN IEC 55036:2020/A1:2023
Muudab dokumenti: EVS-EN IEC 55036:2020

EVS-EN IEC 60728-106:2023

Cable networks for television signals, sound signals and interactive services - Part 106: Optical equipment for systems loaded with digital channels only

IEC 60728-106:2023 lays down the measuring methods, performance requirements and data publication requirements of optical equipment of cable networks for television signals, sound signals and interactive services loaded with digital channels only. This document • applies to all optical transmitters, receivers, amplifiers, directional couplers, isolators, multiplexing devices, connectors and splices used in cable networks; • covers the frequency range 5 MHz to 3 300 MHz; • identifies guaranteed performance requirements for certain parameters; • lays down data publication requirements with guaranteed performance; • describes methods of measurement for compliance testing. All requirements and published data relate to minimum performance levels within the specified frequency range and in well-matched conditions as might be applicable to cable networks for television signals, sound signals and interactive services.

Keel: en
Alusdokumendid: IEC 60728-106:2023; EN IEC 60728-106:2023

EVS-EN IEC 60728-11:2023

Televisiooni- ja helisignaalide ning interaktiivsete teenuste kaabelvõrgud. Osa 11: Ohutus
Cable networks for television signals, sound signals and interactive services - Part 11: Safety

This part of IEC 60728 deals with the safety requirements applicable to fixed sited systems and equipment. As far as applicable, it is also valid for mobile and temporarily installed systems, for example, caravans. Additional requirements may be applied, for example, referring to: • electrical installations of buildings and overhead lines, • other telecommunication services distribution systems, • water distribution systems, • gas distribution systems, • lightning systems. This document is intended to provide requirements specifically for the safety of the system, personnel working on it, subscribers and subscriber equipment. It deals only with safety aspects and is not intended to define a standard for the protection of the equipment used in the system.

Keel: en
Alusdokumendid: IEC 60728-11:2023; EN IEC 60728-11:2023
Asendab dokumenti: EVS-EN 60728-11:2017
Asendab dokumenti: EVS-EN 60728-11:2017/A11:2018

EVS-EN IEC 60728-113:2023

Cable networks for television signals, sound signals and interactive services - Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only

IEC 60728-113:2023 is applicable to optical transmission systems for broadcast signal transmission that consist of headend equipment, optical transmission lines, in-house wirings and system outlets. These systems are primarily intended for television and sound signals using digital transmission technology. This document specifies the basic system parameters and methods of measurement for optical distribution systems between headend equipment and system outlets in order to assess the system performance and its performance limits. In this document, the upper signal frequency is limited to about 3 300 MHz. The purpose of this part of IEC 60728 is to describe the system specifications of FTTH (fibre to the home) networks for digitally modulated broadcast signal transmission. This document is also applicable to broadcast signal transmission using a telecommunication network if it satisfies the performance of the optical portion of the system defined in this document. This document describes RF transmission for fully digitalized broadcast and narrowcast (limited area distribution of broadcast) signals over FTTH, and introduces the xPON system as a physical layer media. The detailed description of the physical layer is out of scope of this document. The scope is limited to downstream RF video signal transmission over FTTH; IP transport technologies, such as IP Multicast and associate protocols, which require a two-way optical transmission system, are out of scope of this document. Some interference effects occurring between the telecommunication system and the broadcast system are addressed in Clause 7. IEC 60728-113:2023 cancels and replaces the first edition published in 2018 and IEC 60728-13-1:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) IEC 60728-13-1, which deals with the bandwidth expansion for broadcast signal over FTTH systems, has been merged with this document; b) a table containing the digital signal level at the system outlet has been added.

Keel: en
Alusdokumendid: IEC 60728-113:2023; EN IEC 60728-113:2023
Asendab dokumenti: EVS-EN 60728-13-1:2017

Asendab dokumenti: EVS-EN IEC 60728-113:2018
Asendab dokumenti: EVS-EN IEC 60728-113:2018/AC:2018

EVS-EN IEC 61543:2023/A11:2023

Rikkevoolukaitselülitid kasutamiseks majapidamises ja muudel taolistel juhtudel. Elektromagnetiline ühilduvus
Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility

Amendment to EN IEC 61543:2023

Keel: en
Alusdokumendid: EN IEC 61543:2023/A11:2023
Muudab dokumenti: EVS-EN IEC 61543:2023

35 INFOTEHNOLOOGIA

CWA 18004:2023

Requirements for acquiring digital information from victims during Search and Rescue operations

This document specifies requirements for digital victim tracking systems used for acquiring digital information from victims during a Search and Rescue operation. The document is applicable to Search and Rescue and emergency response equipment manufacturers and developers of digital victim tracking systems

Keel: en
Alusdokumendid: CWA 18004:2023

CWA 18005:2023

Requirements and recommendations for social media early warning messages in crisis and disaster management

This document provides requirements and recommendations for the content and structure of social media early warning messages and notifications in crisis and disaster management towards the public. This document does not cover audio content. NOTE 1 The content, form, format, quality, design and usage of audio content can be an important contributing factor to a social media early warning message. There could be some specific regulations about the use of certain audio content. This document is applicable to all stakeholders in crisis and disaster management that seek to disseminate social media early warning messages and notifications to the public. This document does not cover how and when to use social media. NOTE 2 For organisations performing a public warning function, [1] gives guidance on the use of social media in emergency management and on how organisations and the public can use, and interact through, social media before, during and after an incident as well as how social media can support the work of emergency services.

Keel: en
Alusdokumendid: CWA 18005:2023

CWA 18013:2023

Collaborative emergency response - Common addressing format and emergency identification protocol

This CWA specifies a hierarchical naming system for public and private safety agencies and emergency authorities. It covers a common addressing format to be used by authorities, in order to uniquely be identified. This addressing format identifies the agencies and their teams/departments, enabling the quick and easy selection of the agencies that should share a specific piece of information. Additionally, the specifications of an emergency discovery mechanism are provided, enabling the hosting, indexing and discovery of the available agencies, through the usage of their unique address. Each agency will be represented by a record on the mechanism that will associate the operational and technical characteristics of the agency with the related unique address. Specifications on the data structures and the functionalities that are required to register and get details about an agency are provided. The message can be targeted to the designated groups such as the incident management and command & control system designers and engineers and decision-makers in emergency management.

Keel: en
Alusdokumendid: CWA 18013:2023

EVS-EN 17870:2023

Intelligent transport systems - eSafety - eCall additional data concept for equipment limitations

This document defines an additional data concept that can be transferred as the ‘optional additional data’ part of an eCall MSD, as defined in EN 15722, that can be transferred from a vehicle to a PSAP in the event of a crash or emergency via an eCall communication session. The purpose of this document is to provide means to notify the PSAP of any limitations to the sending equipment that are endorsed by other standards, but not (immediately) apparent to the receiver. Lack of knowledge about these limitations can hamper the emergency process. This document describes an additional data concept which facilitates the inclusion of information about such limitations in a consistent and usable matter. This document can be seen as an addendum to EN 15722; it contains as little redundancy as possible. NOTE 1 The communications media protocols and methods for the transmission of the eCall message are not specified in this document. NOTE 2 Additional data concepts can also be transferred, and it is advised to register any such data concepts using a data registry as defined in EN ISO 24978 [1]. See www.esafetydata.com for an example.

Keel: en
Alusdokumendid: EN 17870:2023

EVS-EN 50090-6-3:2023

Home and Building Electronic Systems (HBES) - Part 6-3: 3rd Party HBES IoT API

This document defines a 3rd Party API for the Home and Building HBES Open Communication System.

Keel: en
Alusdokumendid: EN 50090-6-3:2023

EVS-EN ISO 19123-1:2023

Geographic information - Schema for coverage geometry and functions - Part 1: Fundamentals (ISO 19123-1:2023)

This document defines a conceptual schema for coverages. A coverage is a mapping from a spatial, temporal or spatiotemporal domain to attribute values sharing the same attribute type. A coverage domain consists of a collection of direct positions in a coordinate space that can be defined in terms of spatial and/or temporal dimensions, as well as non-spatiotemporal (in ISO 19111:2019, “parametric”) dimensions. Examples of coverages include point clouds, grids, meshes, triangulated irregular networks, and polygon sets. Coverages are the prevailing data structures in a number of application areas, such as remote sensing, meteorology and mapping of depth, elevation, soil and vegetation. This document defines the coverage concept including the relationship between the domain of a coverage and its associated attribute range. This document defines the characteristics of the domain. The characteristics of the attribute range are not defined in this document, but are defined in implementation standards. Consequently, the standardization target of this document consists of implementation standards, not concrete implementations themselves.

Keel: en
Alusdokumendid: ISO 19123-1:2023; EN ISO 19123-1:2023
Asendab dokumenti: EVS-EN ISO 19123:2007

EVS-EN ISO 19123-3:2023

Geographic information - Schema for coverage geometry and functions - Part 3: Processing fundamentals (ISO 19123-3:2023)

This document defines a coverage processing language for server-side extraction, filtering, processing, analytics, and fusion of multi-dimensional geospatial coverages representing, for example, spatio-temporal sensor, image, simulation, or statistics datacubes. Services implementing this language provide access to original or derived sets of coverage information, in forms that are useful for client-side consumption. This document relies on the ISO 19123-1 abstract coverage model. In this edition, regular and irregular multi-dimensional grids are supported for axes that can carry spatial, temporal or any other semantics. Future editions will additionally support further axis types as well as further coverage types from ISO 19123-1, specifically, point clouds and meshes.

Keel: en
Alusdokumendid: EN ISO 19123-3:2023; ISO 19123-3:2023

EVS-EN ISO/IEC 22989:2023

Information technology - Artificial intelligence - Artificial intelligence concepts and terminology (ISO/IEC 22989:2022)

This document establishes terminology for AI and describes concepts in the field of AI. This document can be used in the development of other standards and in support of communications among diverse, interested parties or stakeholders. This document is applicable to all types of organizations (e.g. commercial enterprises, government agencies, not-for-profit organizations).

Keel: en
Alusdokumendid: EN ISO/IEC 22989:2023; ISO/IEC 22989:2022

EVS-EN ISO/IEC 23053:2023

Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML) (ISO/IEC 23053:2022)

This document establishes an Artificial Intelligence (AI) and Machine Learning (ML) framework for describing a generic AI system using ML technology. The framework describes the system components and their functions in the AI ecosystem. This document is applicable to all types and sizes of organizations, including public and private companies, government entities, and not-for-profit organizations, that are implementing or using AI systems.

Keel: en
Alusdokumendid: EN ISO/IEC 23053:2023; ISO/IEC 23053:2022

45 RAUDTEETEHNIKA

EVS-EN 15654-1:2018+A1:2023

Raudteealased rakendused. Ratta ja rattapaari vertikaaljõu mõõtmine. Osa 1: Rööbasteel mõõtmiskohad kasutuses raudteeveeremile
Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 1: On-track measurement sites for vehicles in service

The scope of this European Standard is restricted to the measurement of vertical wheel forces and calculation of derived quantities on vehicles in service. Measurements of a train in motion are used to estimate the static forces. Derived quantities can be: - axle loads; - side to side load differences of a wheel set, bogie, vehicle; - overall mass of vehicle or train set; - mean axle load of a vehicle or train set. This standard is not concerned with the evaluation of: - dynamic wheel force or derived quantities; - wheel condition (i.e. shape, profile, flats); - lateral wheel force; - combination of lateral and vertical wheel forces. The standard defines accuracy classes for measurements to be made at any speed greater than 5 km/h within the calibrated range, which may be up to line speed. The aim of this standard is to obtain measurement results that give representative values for the distribution of vertical wheel forces of a running vehicle, which under ideal conditions will be similar to those that can be obtained from a standing vehicle. This standard does not impose any restrictions on the types of vehicles that can be monitored, or on which networks or lines the measuring system can be installed. The standard lays down minimum technical requirements and the metrological characteristics of a system for measuring and evaluating a range of vehicle loading parameters. Also defined are accuracy classes for the parameters measured and the procedure for verifying the calibration. The measuring system proposed in this standard should not be considered as safety critical. If the measuring system is connected to a train traffic command and control system then requirements that are not part of this standard may apply. Measuring systems complying with this standard have the potential to enhance safety in the railway sector. However, the current operating and maintenance procedures rather than this standard are mandatory for ensuring safety levels in European rail networks.

Keel: en
Alusdokumendid: EN 15654-1:2018+A1:2023
Asendab dokumenti: EVS-EN 15654-1:2018

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 15083:2020/A11:2023

Väikelaevad. Pilsi pumbasüsteemid
Small craft - Bilge-pumping systems

Standardi EN ISO 15083:2020 muudatus

Keel: en, et
Alusdokumendid: EN ISO 15083:2020/A11:2023
Muudab dokumenti: EVS-EN ISO 15083:2020

EVS-EN ISO 15083:2020+A1+A11:2023

Väikelaevad. Pilsi pumbasüsteemid
Small craft - Bilge-pumping systems (ISO 15083:2020 + ISO 15083:2020/Amd 1:2022)

Selles dokumendis täpsustatakse nõuded pumpamisele või alternatiivsetele vahenditele, mis on ette nähtud normaalselt kogunenud pilsivee eemaldamiseks väikelaevadelt, mille kerepikkus LH, nagu on standardis !ISO 8666:2020" määratletud, on kuni 24 m. Selles dokumendis pole sätestatud nõudeid pilsipumpadele või pilsi pumbasüsteemidele, mis on ette nähtud kahjustuste kontrollimiseks.

Keel: en, et
Alusdokumendid: EN ISO 15083:2020; EN ISO 15083:2020/A1:2022; EN ISO 15083:2020/A11:2023; ISO 15083:2020/Amd 1:2022; ISO 15083:2020
Konsolideerib dokumenti: EVS-EN ISO 15083:2020
Konsolideerib dokumenti: EVS-EN ISO 15083:2020/A1:2022
Konsolideerib dokumenti: EVS-EN ISO 15083:2020/A11:2023

EVS-EN ISO 25197:2020+A1+A11:2023

Väikelaevad. Rooli, käiguvahetuse ja seguklapi elektrilised/elektroonilised juhtimissüsteemid
Small craft - Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2020 + ISO 25197:2020/Amd 1:2022)

This document establishes the requirements for the design, construction and testing of electrical/electronic steering, shift and throttle systems and dynamic positioning control systems, or combinations thereof, on small craft of up to 24 m length of hull. This document does not apply to electric trolling motors and autopilot systems on sailing craft.

Keel: en
Alusdokumendid: ISO 25197:2020; EN ISO 25197:2020; ISO 25197:2020/Amd 1:2022; EN ISO 25197:2020/A1:2022; EN ISO 25197:2020/A11:2023
Konsolideerib dokumenti: EVS-EN ISO 25197:2020
Konsolideerib dokumenti: EVS-EN ISO 25197:2020/A1:2022
Konsolideerib dokumenti: EVS-EN ISO 25197:2020/A11:2023

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16602-60:2023

Space product assurance - Electrical, electronic and electromechanical (EEE) components

This standard defines the requirements for selection, control, procurement and usage of EEE components for space projects. This standard differentiates between three classes of components through three different sets of standardization requirements (clauses) to be met. The three classes provide for three levels of trade-off between assurance and risk. The highest assurance and lowest risk is provided by class 1 and the lowest assurance and highest risk by class 3. Procurement costs are typically highest for class 1 and lowest for class 3. Mitigation and other engineering measures may decrease the total cost of ownership differences between the three classes. The project objectives, definition and constraints determine which class or classes of components are appropriate to be utilised within the system and subsystems. a. Class 1 components are described in Clause 4. b. Class 2 components are described in Clause 5 c. Class 3 components are described in Clause 6. The requirements of this document apply to all parties involved at all levels in the integration of EEE components into space segment hardware and launchers.

Keel: en
Alusdokumendid: EN 16602-60:2023
Asendab dokumenti: EVS-EN 16602-60:2015

EVS-EN 16602-60-13:2023

Space product assurance - Commercial electrical, electronic and electromechanical (EEE) components

This standard defines the requirements for selection, control, procurement and usage of EEE commercial components for space projects. This standard is applicable to commercial parts from the following families: • Ceramic capacitors chips • Solid electrolyte tantalum capacitors chips • Discrete parts (transistors, diodes, optocouplers) • Fuses • Magnetic parts • Microcircuits • Resistors chips • Thermistors In addition for families of EEE components not addressed by the present ECSS standard, it can be used as guideline on case by case basis. The requirements of this document are applicable to all parties involved at all levels in the integration of EEE commercial components into space segment hardware and launchers. This standard may be tailored for the specific characteristics and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: EN 16602-60-13:2023
Asendab dokumenti: EVS-EN 16602-60-13:2015

EVS-EN 16602-70-40:2023

Space product assurance - Processing and quality assurance requirements for hard brazing of metallic materials for flight hardware

This Standard specifies the processing and quality assurance requirements for brazing processes for space flight applications. Brazing is understood as the joining and sealing of materials by means of a solidification of a liquid filler metal. The term brazing in this standard is used as equivalent to soldering, in cases that the filler materials have liquidus temperatures below 450 °C. Brazing and soldering are allied processes to welding and this standard is supplementing the standard for welding ECSS-Q-ST-70-39. This standard does not cover requirements for: • Joining processes by adhesive bonding (ECSS-Q-ST-70-16), • Soldering for electronic assembly purposes (ECSS-Q-ST-70-61), • Soldering used in hybrid manufacturing (ESCC 2566000). The standard covers but is not limited to the following brazing processes: • Torch brazing, • Furnace brazing, • Dip Brazing and Salt-bath brazing, • Induction Brazing. This Standard does not detail the brazing definition phase and brazing pre-verification phase, including the derivation of design allowables. This standard may be tailored for the specific characteristic and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: EN 16602-70-40:2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 23702-1:2023

Leather - Per- and polyfluoroalkyl substances - Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography (ISO 23702-1:2023)

This document specifies a test method for detection and quantification of extractable non-volatile per- and polyfluoroalkyl substances (PFAS) in leather and coated leather by solvent extraction and liquid chromatography coupled with mass spectrometry. This document, taking into account the three-dimensional distribution of the fibres within leather, makes the evaluation of the PFAS with respect to the mass. PFAS substances categories and applications are listed in Annex A, Table A.1. Classes of PFAS regulated compounds listed in Annex B, Table B.1, include acids, telomers, sulfonates and sulphonamide alcohols. Classes of other non-regulated compounds that can be determined by this document are listed in Annex C, Table C.1. NOTE 1 By applying the method specified in this document, the concentration of free fluorotelomer alcohols (FTOH) in a sample cannot be correctly quantified if perfluoropolymers that release FTOH due to transesterification with the extraction solvent methanol are present in the sample. NOTE 2 Some regulations (e.g. Reference [4]) also restrict perfluoropolymers having a linear or branched perfluoroheptyl group with the moiety (C7F15)C as one of the structural elements that can degrade to PFOA, e.g. polymers containing 2-perfluorooctylethanol (8:2 FTOH, CAS Registry Number® 678-39-7) bonded as esters. To determine whether these perfluoropolymers are intentionally present, it could be necessary to introduce an alkaline hydrolysis method to remove the 8:2 FTOH side-chain from the polymer. In addition, other FTOH, e.g. 6:2 FTOH or 10:2 FTOH, will be released from relevant perfluoropolymers by alkaline hydrolysis.

Keel: en
Alusdokumendid: ISO 23702-1:2023; EN ISO 23702-1:2023
Asendab dokumenti: EVS-EN ISO 23702-1:2018

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 27971:2023

Cereals and cereal products - Common wheat (Triticum aestivum L.) - Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology (ISO 27971:2023)

This document specifies a method of determining, using an Alveograph, the rheological properties of different types of dough obtained from common wheat flour (Triticum aestivum L.) produced by industrial milling or laboratory milling. It describes the Alveograph test and how to use a laboratory mill to produce flour in two stages: — stage 1: preparation of the wheat grain for milling to make it easier to separate the bran from the endosperm; — stage 2: the milling process, including breaking between three fluted rollers, reduction of particle size between two smooth rollers and the use of a centrifugal sieving machine to grade the products.

Keel: en
Alusdokumendid: ISO 27971:2023; EN ISO 27971:2023
Asendab dokumenti: EVS-EN ISO 27971:2015

71 KEEMILINE TEHNOLOOGIA

EVS-EN 14470-1:2023

Fire safety storage cabinets - Part 1: Safety storage cabinets for flammable liquids

This document is a product specification, giving performance requirements for fire safety storage cabinets to be used for the storage of flammable liquids. It is applicable to cabinets with a total internal volume of not greater than 2 m3, which can be free standing, restrained to a wall or mounted on plinth or castors. This document does not apply to brick enclosures or walk-in storage rooms. This document does not apply to any support frame or mechanism other than the base which is integral to the fire safety storage cabinet. Requirements are given in respect of the construction of the fire safety storage cabinet and its capacity to resist fire conditions on the outside. A classification of fire safety storage cabinets is given, according to the level of fire resistance offered, and a type test is included, see Annex A. The tests described in this document are type tests. This document does not discriminate between different flammable liquids, which can have considerably different physical properties. Attention is drawn to national regulations, which can apply with regard to the storage of flammable liquids.

Keel: en
Alusdokumendid: EN 14470-1:2023
Asendab dokumenti: EVS-EN 14470-1:2004

EVS-EN 14664:2023

Chemicals used for treatment of water intended for human consumption - Iron (III) sulfate, solid

This document is applicable to iron (III) sulfate solid used for treatment of water intended for human consumption. It describes the characteristics of iron (III) sulfate solid and specifies the requirements and the corresponding analytical methods for iron (III) sulfate solid and gives information on its use in water treatment. It also determines the rules relating to safe handling and use of iron (III) sulfate solid.

Keel: en
Alusdokumendid: EN 14664:2023
Asendab dokumenti: EVS-EN 14664:2005

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12595:2023

Bitumen and bituminous binders - Determination of kinematic viscosity

Käesolev dokument kirjeldab meetodit bituumensideainete kinemaatilise viskoossuse määramiseks temperatuuridel 60 □C ja 135 □C ja vahemikus 6 mm2/s kuni 300 000 mm2/s. Teistel temperatuuridel määramine on võimalik, kui kalibreerimistegurid on teada. Bituumenemulsioonid selle meetodi käsitlusalasse ei kuulu. Selle meetodi tulemusi saab kasutada dünaamilise viskoossuse arvutamiseks, kui katsetatava materjali tihedus on teada või seda on võimalik määrata. MÄRKUS Käesolev dokument eeldab, et proov käitub katsetingimustel Newtoni vedelikuna. HOIATUS - Selle dokumendi kasutamine võib kätkeda ohtlikke materjale, toiminguid ja seadmeid. See dokument ei väida, et käsitleb kõiki ohutusprobleeme, mis on seotud selle kasutamisega. Selle standardi kasutaja kohus on teha kindlaks ohud ja hinnata riskid, mis on seotud selle katsemeetodi läbiviimisega, ja rakendada piisavalt kontrollmeetmeid kaitsmaks igat katsetajat (ja keskkonda). See sisaldab asjakohaste tervishoiu- ja ohutusnõuete kehtestamist ning regulatiivpiirangute kasutamiseelset rakendamist.

Keel: en
Alusdokumendid: EN 12595:2023
Asendab dokumenti: EVS-EN 12595:2014

EVS-EN 14769:2023

Bitumen and bituminous binders - Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV)

This document specifies an accelerated long-term ageing/conditioning procedure for bituminous binders. The procedure involves ageing trays of binder at elevated temperatures under pressurized conditions in a pressure ageing vessel (PAV). NOTE For binders to be used in hot and warm asphalt applications, the pre-conditioning of the sample can be performed using one of the methods in the EN 12607 series. For binders to be used in bituminous emulsion and cut back or fluxed applications, the stabilization of the sample is such that there are no volatiles remaining. WARNING - The use of this document can involve hazardous materials, operations and equipment, in particular, the use of a high pressure ageing vessel. 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 health and safety practices and determine the applicability of regulatory limitations prior to use. If there is the likelihood of volatile components being present in a binder, this procedure is not used.

Keel: en
Alusdokumendid: EN 14769:2023
Asendab dokumenti: EVS-EN 14769:2012

EVS-EN 14770:2023

Bitumen and bituminous binders - Determination of complex shear modulus and phase angle - Dynamic Shear Rheometer (DSR)

This document specifies a general method of using a dynamic shear rheometer (DSR) for measuring the rheological properties of bituminous binders. The procedure involves determining the complex shear modulus and phase angle of binders over a range of test frequencies and test temperatures when tested in oscillatory shear. From the test, the complex shear modulus, |G*|, and its phase angle, δ, at a given temperature and frequency are calculated, as well as the components G' and G" of the complex shear modulus. This method is applicable to un-aged, aged, stabilized and recovered bituminous binders. The test procedure in accordance with this document is not applicable for bituminous binders with particles larger than 250 µm (e.g. filler material, granulated rubber). WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 14770:2023
Asendab dokumenti: EVS-EN 14770:2012

EVS-EN 14771:2023

Bitumen and bituminous binders - Determination of the flexural creep stiffness - Bending Beam Rheometer (BBR)

This document specifies a method for the determination of the flexural creep stiffness of bitumen and bituminous binders in the range of 30 MPa to 1 GPa by means of the bending beam rheometer. The method can be applied to a variety of bitumens, including unmodified as well as modified binders, as fresh (unused) binders, as well as binders after laboratory ageing conditioning (e.g. EN 12607-1, EN 14769), and also binders that have been recovered from asphalt mixtures. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 14771:2023
Asendab dokumenti: EVS-EN 14771:2012

EVS-EN 1860-2:2023

Appliances, solid fuels and firelighters for barbecuing - Part 2: Barbecue charcoal and barbecue charcoal briquettes - Requirements and test methods

This document specifies the requirements and test methods for barbecue charcoal and barbecue charcoal briquettes for use in barbecue appliances. This document is intended to reduce the risks which can occur during and through barbecuing with solid fuels. Barbecue charcoal in accordance with this document refers to the solid remainder of dry distillation of wood or other vegetable matter.

Keel: en
Alusdokumendid: EN 1860-2:2023
Asendab dokumenti: EVS-EN 1860-2:2005

EVS-EN 1860-3:2023

Appliances, solid fuels and firelighters for barbecuing - Part 3: Firelighters for igniting solid fuels for use in barbecues and grill applications - Requirements and test methods

This document specifies the safety, performance, consumer packaging and marking requirements including the test methods for firelighters used to light solid fuels in barbecue and grill appliances. This document covers firelighters supplied as either solid, liquid, thickened liquid or gel formulations. However, the use of highly flammable liquids (except in stabilized formulations) is specifically excluded from the scope of this document as their use as barbecue firelighters is regarded as highly dangerous. This document is intended to reduce the risks which may occur during and through barbecuing with solid fuels.

Keel: en
Alusdokumendid: EN 1860-3:2023
Asendab dokumenti: EVS-EN 1860-3:2003
Asendab dokumenti: EVS-EN 1860-3:2003/A1:2006

EVS-EN 1860-4:2023

Appliances, solid fuels and firelighters for barbecuing - Part 4: Single use barbecues burning solid fuels - Requirements and test methods

This document is applicable to single use barbecues which burn solid fuels. This document specifies requirements for materials, construction, design and test methods to ensure safe use and satisfactory performance. This document is intended to reduce the risks which may occur during and through barbecuing with solid fuels. This document deals with the reasonably foreseeable hazards presented by single use barbecues when used by adults. Very vulnerable people can have needs that go beyond the level of safety addressed in this document.

Keel: en
Alusdokumendid: EN 1860-4:2023
Asendab dokumenti: EVS-EN 1860-4:2005

77 METALLURGIA

CEN ISO/ASTM TR 52905:2023

Additive manufacturing of metals - Non-destructive testing and evaluation - Defect detection in parts (ISO/ASTM TR 52905:2023)

This document categorises additive manufacturing (AM) defects in DED and PBF laser and electron beam category of processes, provides a review of relevant current NDT standards, details NDT methods that are specific to AM and complex 3D geometries and outlines existing non-destructive testing techniques that are applicable to some AM types of defects. This document is aimed at users and producers of AM processes and it applies, in particular, to the following: — safety critical AM applications; — assured confidence in AM; — reverse engineered products manufactured by AM; — test bodies wishing to compare requested and actual geometries.

Keel: en
Alusdokumendid: ISO/ASTM TR 52905:2023; CEN ISO/ASTM TR 52905:2023

CEN/TR 10377:2023

Guidelines for the preparation of standard routine methods with wavelength-dispersive X-ray fluorescence spectrometry

X-ray Fluorescence Spectrometry (XRF) has been used for several decades as an important analytical tool for production analysis. XRF is characterised by its speed and high precision over a wide concentration range and since the technique in most cases is used as an relative method the limitations are often connected to the quality of the calibration samples. The technique is well established and most of its physical properties are well known.

Keel: en
Alusdokumendid: CEN/TR 10377:2023
Asendab dokumenti: CR 10299:1998

CWA 18011:2023

Guidelines for the evaluation of the plane stress fracture toughness of advanced high strength steel sheets in the frame of fracture mechanics

This CWA provides information of interest about the fracture toughness evaluation of thin high strength metal sheets and its implication on sheet metal formability and crashworthiness. The document summarizes the most relevant findings obtained in previous research projects and academic works (PhD theses, post-doc works, scientific publications). The main experimental methodologies to characterize the plane stress fracture toughness of thin ductile metal sheets are described and analysed in terms of complexity, accuracy and quickness. The most relevant fracture toughness parameters are defined, and a compilation of standard testing procedures is given. Furthermore, the document includes recommendations to be applied during the different stages of AHSS manufacturing, from the microstructural design to the implementation in cold-formed components. Different examples are shown on how fracture toughness measurements can help to predict formability and part performance. Additionally, successful industrial case studies, where fracture toughness measurements have been used to solve cracking related issues in cold-formed components are reported to better exemplify the benefits of using a fracture mechanics approach in the design and implementation of AHSS sheets. The structure of the CWA is schematized in Figure 1.

Keel: en
Alusdokumendid: CWA 18011:2023

CWA 18012:2023

Test method for the determination of a cracking resistance index for advanced high strength steel sheets

This CWA describes a single-specimen testing procedure for the evaluation of a cracking resistance index (CRI) for AHSS sheets with thicknesses between 0,5 mm and 3,0 mm. NOTE 1 The test method provides an estimated measure of the fracture resistance of thin AHSS in the presence of a crack. NOTE 2 The proposed CRI must be used only as a fracture toughness index for material screening. NOTE 3 The suitability of the test to estimate the cracking sensitivity of AHSS has been evidenced in a previous work

by establishing a good correlation between the CRI, the EWF and the Hole Expansion Ratio (HER) for a wide range of multiphase AHSS grades [14]. NOTE 4 It must be emphasized that the results of the test are greatly affected by the specimen thickness. Therefore, it is recommended the use of specimens with similar thicknesses for comparative purposes.

Keel: en
Alusdokumendid: CWA 18012:2023

EVS-EN 10244-2:2023

Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings

This document specifies the requirement for coating mass, other properties and testing of zinc and zinc alloy coatings on steel wire and steel wire products of circular or other section.

Keel: en
Alusdokumendid: EN 10244-2:2023
Asendab dokumenti: EVS-EN 10244-2:2009

EVS-EN 12449:2023

Copper and copper alloys - Seamless, round tubes for general purposes

This document specifies the composition, property requirements and tolerances on dimensions and form for seamless round drawn copper and copper alloy tubes for general purposes supplied in the size range from 3 mm up to and including 450 mm outside diameter and from 0,3 mm up to and including 20 mm wall thickness. The sampling procedures and the methods of test for verification of conformity to the requirements of this document are also specified. NOTE Tubes having an outside diameter less than 80 mm and/or a wall thickness greater than 2 mm in certain alloys are most frequently used for free machining purposes which are specified in EN 12168.

Keel: en
Alusdokumendid: EN 12449:2023
Asendab dokumenti: EVS-EN 12449:2016+A1:2019

EVS-EN ISO 5842:2023

Powder metallurgy - Hot isostatic pressing - Argon detection using gas chromatography and mass spectrometry techniques (ISO 5842:2022)

This document specifies a gas chromatography and a mass spectrometry method of detecting the presence of argon in metal powder produced components, consolidated by hot isostatic pressing. This document specifies the calibration and functionality test for the equipment covered. It also specifies methods for sampling, sample preparation and sample test procedure of PM HIP components to detect argon presence. Components produced by additive manufacturing are not covered in this document.

Keel: en
Alusdokumendid: ISO 5842:2022; EN ISO 5842:2023

79 PUIDUTEHNOLOOGIA

EVS-EN 13489:2023

Wood-flooring and parquet - Multi-layer parquet elements

This document specifies the characteristics, requirements and test methods of multi-layer parquet elements for internal use as flooring.

Keel: en
Alusdokumendid: EN 13489:2023
Asendab dokumenti: EVS-EN 13489:2017

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 1247-1:2023

Aluminium pigments for paints - Part 1: General aluminium pigments (ISO 1247-1:2021)

This document specifies the requirements and corresponding test methods for aluminium pigments suitable for use in paints including: a) general, decorative and protective paints, and b) special finishing paints.

Keel: en
Alusdokumendid: ISO 1247-1:2021; EN ISO 1247-1:2023

EVS-EN ISO 1247-2:2023

Aluminium pigments for paints - Part 2: Vacuum metallized aluminium pigments (ISO 1247-2:2021)

This document specifies the requirements and corresponding test methods for vacuum metallized aluminium pigments (VMP) suitable for use in paints and printing ink industries.

Keel: en
Alusdokumendid: ISO 1247-2:2021; EN ISO 1247-2:2023

EVS-EN ISO 20567-2:2023

Paints and varnishes - Determination of stone-chip resistance of coatings - Part 2: Single-impact test with a guided impact body (ISO 20567-2:2023)

This document specifies a method to evaluate the resistance of automobile finishes and other coatings to the impact of a wedge-shaped body which is projected onto the surface under test to simulate the impact of stones.

Keel: en
Alusdokumendid: ISO 20567-2:2023; EN ISO 20567-2:2023
Asendab dokumenti: EVS-EN ISO 20567-2:2017

EVS-EN ISO 3262-12:2023

Extenders - Specifications and methods of test - Part 12: Muscovite-type mica (ISO 3262-12:2023)

This document specifies requirements and corresponding methods of test for muscovite-type mica.

Keel: en
Alusdokumendid: ISO 3262-12:2023; EN ISO 3262-12:2023
Asendab dokumenti: EVS-EN ISO 3262-12:2002

EVS-EN ISO 3262-2:2023

Extenders for paints - Specifications and methods of test - Part 2: Baryte (natural barium sulfate) (ISO 3262-2:2023)

This document specifies requirements and corresponding methods of test for baryte (natural barium sulfate).

Keel: en
Alusdokumendid: ISO 3262-2:2023; EN ISO 3262-2:2023
Asendab dokumenti: EVS-EN ISO 3262-2:2000

EVS-EN ISO 3262-22:2023

Extenders - Specifications and methods of test - Part 22: Flux-calcined kieselguhr (ISO 3262-22:2023)

This document specifies requirements and corresponding methods of test for flux-calcined kieselguhr.

Keel: en
Alusdokumendid: ISO 3262-22:2023; EN ISO 3262-22:2023
Asendab dokumenti: EVS-EN ISO 3262-22:2002

EVS-EN ISO 3262-3:2023

Extenders - Specifications and methods of test - Part 3: Blanc fixe (ISO 3262-3:2023)

This document specifies requirements and corresponding methods of test for blanc fixe.

Keel: en
Alusdokumendid: ISO 3262-3:2023; EN ISO 3262-3:2023
Asendab dokumenti: EVS-EN ISO 3262-3:2000

EVS-EN ISO 3262-4:2023

Extenders - Specifications and methods of test - Part 4: Whiting (ISO 3262-4:2022)

This document specifies requirements and corresponding methods of test for whiting.

Keel: en
Alusdokumendid: ISO 3262-4:2023; EN ISO 3262-4:2023
Asendab dokumenti: EVS-EN ISO 3262-4:2000

EVS-EN ISO 3262-5:2023

Extenders - Specifications and methods of test - Part 5: Natural crystalline calcium carbonate (ISO 3262-5:2023)

This document specifies requirements and corresponding methods of test for natural crystalline calcium carbonate.

Keel: en
Alusdokumendid: ISO 3262-5:2023; EN ISO 3262-5:2023
Asendab dokumenti: EVS-EN ISO 3262-5:2000

91 EHITUSMATERJALID JA EHITUS

CEN/TS 14632:2023

Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity

This Technical Specification gives guidance on the assessment of conformity of GRP-UP (glass-reinforced thermosetting resins based on unsaturated polyesters) piping products and assemblies in accordance with EN 1796 and EN 14364 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of third-party certification procedures. This Technical Specification also gives guidance on the assessment of conformity of GRP-UP manholes and inspection chambers in accordance with prEN 15383. Pipes according to EN 14364 are used for manufacturing the shafts and chamber units. Additional statements as needed to assess the conformity of manholes and inspection chambers are given in Annex F. NOTE 1 It is recommended that the quality management system conforms to or is no less stringent than the relevant requirements to EN ISO 9001 [3]. NOTE 2 If third-party certification is involved, it is recommended that the certification body is accredited to EN 45011 [1], EN 45012 [2] or EN ISO/IEC 17021 [5], as applicable.

Keel: en
Alusdokumendid: CEN/TS 14632:2023
Asendab dokumenti: CEN/TS 14632:2012

EVS-EN 12595:2023

Bitumen and bituminous binders - Determination of kinematic viscosity

Käesolev dokument kirjeldab meetodit bituumensideainete kinemaatilise viskoossuse määramiseks temperatuuridel 60 □C ja 135 □C ja vahemikus 6 mm2/s kuni 300 000 mm2/s. Teistel temperatuuridel määramine on võimalik, kui kalibreerimistegurid on teada. Bituumenemulsioonid selle meetodi käsitlusalasse ei kuulu. Selle meetodi tulemusi saab kasutada dünaamilise viskoossuse arvutamiseks, kui katsetatava materjali tihedus on teada või seda on võimalik määrata. MÄRKUS Käesolev dokument eeldab, et proov käitub katsetingimustel Newtoni vedelikuna. HOIATUS - Selle dokumendi kasutamine võib kätkeda ohtlikke materjale, toiminguid ja seadmeid. See dokument ei väida, et käsitleb kõiki ohutusprobleeme, mis on seotud selle kasutamisega. Selle standardi kasutaja kohus on teha kindlaks ohud ja hinnata riskid, mis on seotud selle katsemeetodi läbiviimisega, ja rakendada piisavalt kontrollmeetmeid kaitsmaks igat katsetajat (ja keskkonda). See sisaldab asjakohaste tervishoiu- ja ohutusnõuete kehtestamist ning regulatiivpiirangute kasutamiseelset rakendamist.

Keel: en
Alusdokumendid: EN 12595:2023
Asendab dokumenti: EVS-EN 12595:2014

EVS-EN 14769:2023

Bitumen and bituminous binders - Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV)

This document specifies an accelerated long-term ageing/conditioning procedure for bituminous binders. The procedure involves ageing trays of binder at elevated temperatures under pressurized conditions in a pressure ageing vessel (PAV). NOTE For binders to be used in hot and warm asphalt applications, the pre-conditioning of the sample can be performed using one of the methods in the EN 12607 series. For binders to be used in bituminous emulsion and cut back or fluxed applications, the stabilization of the sample is such that there are no volatiles remaining. WARNING - The use of this document can involve hazardous materials, operations and equipment, in particular, the use of a high pressure ageing vessel. 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 health and safety practices and determine the applicability of regulatory limitations prior to use. If there is the likelihood of volatile components being present in a binder, this procedure is not used.

Keel: en
Alusdokumendid: EN 14769:2023
Asendab dokumenti: EVS-EN 14769:2012

EVS-EN 14770:2023

Bitumen and bituminous binders - Determination of complex shear modulus and phase angle - Dynamic Shear Rheometer (DSR)

This document specifies a general method of using a dynamic shear rheometer (DSR) for measuring the rheological properties of bituminous binders. The procedure involves determining the complex shear modulus and phase angle of binders over a range of test frequencies and test temperatures when tested in oscillatory shear. From the test, the complex shear modulus, |G*|, and its phase angle, δ, at a given temperature and frequency are calculated, as well as the components G' and G" of the complex shear modulus. This method is applicable to un-aged, aged, stabilized and recovered bituminous binders. The test procedure in accordance with this document is not applicable for bituminous binders with particles larger than 250 µm (e.g. filler material, granulated rubber). WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 14770:2023
Asendab dokumenti: EVS-EN 14770:2012

EVS-EN 14771:2023

Bitumen and bituminous binders - Determination of the flexural creep stiffness - Bending Beam Rheometer (BBR)

This document specifies a method for the determination of the flexural creep stiffness of bitumen and bituminous binders in the range of 30 MPa to 1 GPa by means of the bending beam rheometer. The method can be applied to a variety of bitumens, including unmodified as well as modified binders, as fresh (unused) binders, as well as binders after laboratory ageing conditioning (e.g. EN 12607-1, EN 14769), and also binders that have been recovered from asphalt mixtures. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 14771:2023
Asendab dokumenti: EVS-EN 14771:2012

EVS-EN 17821:2023

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

This document specifies: - general construction, performance and material requirements for Frost Resistant Taps for outdoor use (FRT), PN 10. - the application in the potable water installation with a static pressure of maximum 1,0 MPa (10 bar) and a distribution temperature of maximum 25 °C (PWC). FRT valves shall consist of the 3 areas shown in Figure 1. The conditions of use are according to the following Table 1. The requirements with regard to the potable water quality are specified in national regulations.

Keel: en
Alusdokumendid: EN 17821:2023

EVS-EN 480-1:2023

Admixtures for concrete, mortar and grout - Test methods - Part 1: Reference concrete and reference mortar for testing

This document specifies the constituent materials, the composition and the mixing method to produce reference concrete and reference mortar for testing the efficacy and the compatibility of admixtures in accordance with the EN 934 series.

Keel: en
Alusdokumendid: EN 480-1:2023
Asendab dokumenti: EVS-EN 480-1:2015

EVS-EN 480-15:2023

Admixtures for concrete, mortar and grout - Test methods - Part 15: Reference concrete and method for testing viscosity modifying admixtures

This document specifies the constituent materials, the composition and the mix procedure to produce a reference concrete with a prescribed consistency and segregated portion for testing viscosity modifying admixtures as defined in EN 934-2. It also describes how to determine the requirements for the test mix in comparison with the control mix.

Keel: en
Alusdokumendid: EN 480-15:2023
Asendab dokumenti: EVS-EN 480-15:2013

EVS-EN 61770:2009/A12:2022/AC:2023

Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine
Electric appliances connected to the water mains - Avoidance of backsiphonage and failure of hose-sets

Standardi EN 61770:2009/A12:2022 parandus

Keel: en
Alusdokumendid: EN 61770:2009/A12:2022/AC:2023-06
Parandab dokumenti: EVS-EN 61770:2009/A12:2022
Parandab dokumenti: EVS-EN 61770:2009+A11+A1+A12:2022

EVS-EN ISO 10563:2023

Building and civil engineering sealants - Determination of change in mass and volume (ISO 10563:2023)

This document specifies a method for the determination of the change of mass and the change of volume of self-levelling and non-sagging sealants used in joints in building construction. NOTE This test procedure is not intended to determine the absolute maximum value of loss of mass and volume of a tested sealant, but it is an indicative measurement of the loss of mass and volume under specified parameters.

Keel: en
Alusdokumendid: EN ISO 10563:2023; ISO 10563:2023
Asendab dokumenti: EVS-EN ISO 10563:2017

EVS-EN ISO 22097:2023

Thermal insulation for buildings - Reflective insulation products - Determination of thermal performance (ISO 22097:2023)

This document describes a set of procedures for using existing standardized CEN or ISO test and calculation methods to determine the thermal performance of reflective insulation products. This document supports and does not replace existing CEN or ISO test methods. This document applies to any thermal insulation product that derives a proportion of its claimed thermal properties from the presence of one or more reflective or low emissivity surfaces together with any associated airspace(s). It does not replace the existing procedures for the determination of the thermal performance of products already covered by an existing harmonized product standard where the declared value of these products does not specifically include any claims attributable to the emissivity of the facing. It does not, and cannot, give an in-use or design value of thermal performance, but provides standardized information from which these can be determined.

Keel: en
Alusdokumendid: ISO 22097:2023; EN ISO 22097:2023
Asendab dokumenti: EVS-EN 16012:2012+A1:2015

93 RAJATISED

CEN/TS 14632:2023

Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity

This Technical Specification gives guidance on the assessment of conformity of GRP-UP (glass-reinforced thermosetting resins based on unsaturated polyesters) piping products and assemblies in accordance with EN 1796 and EN 14364 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of third-party certification procedures. This Technical Specification also gives guidance on the assessment of conformity of GRP-UP manholes and inspection chambers in accordance with prEN 15383. Pipes according to EN 14364 are used for manufacturing the shafts and chamber units. Additional statements as needed to assess the conformity of manholes and inspection chambers are given in Annex F. NOTE 1 It is recommended that the quality management system conforms to or is no less stringent than the relevant requirements to EN ISO 9001 [3]. NOTE 2 If third-party certification is involved, it is recommended that the certification body is accredited to EN 45011 [1], EN 45012 [2] or EN ISO/IEC 17021 [5], as applicable.

Keel: en
Alusdokumendid: CEN/TS 14632:2023
Asendab dokumenti: CEN/TS 14632:2012

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 17861:2023

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular Economy - Terms and definitions

This document defines terms regarding circular economy that are used by the flooring sector.

Keel: en
Alusdokumendid: EN 17861:2023

EVS-EN 1860-4:2023

Appliances, solid fuels and firelighters for barbecuing - Part 4: Single use barbecues burning solid fuels - Requirements and test methods

This document is applicable to single use barbecues which burn solid fuels. This document specifies requirements for materials, construction, design and test methods to ensure safe use and satisfactory performance. This document is intended to reduce the risks which may occur during and through barbecuing with solid fuels. This document deals with the reasonably foreseeable hazards presented by single use barbecues when used by adults. Very vulnerable people can have needs that go beyond the level of safety addressed in this document.

Keel: en
Alusdokumendid: EN 1860-4:2023
Asendab dokumenti: EVS-EN 1860-4:2005

EVS-EN 50090-6-3:2023

Home and Building Electronic Systems (HBES) - Part 6-3: 3rd Party HBES IoT API

This document defines a 3rd Party API for the Home and Building HBES Open Communication System.

Keel: en
Alusdokumendid: EN 50090-6-3:2023

EVS-EN 61770:2009/A12:2022/AC:2023

Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine
Electric appliances connected to the water mains - Avoidance of backsiphonage and failure of hose-sets

Standardi EN 61770:2009/A12:2022 parandus

Keel: en
Alusdokumendid: EN 61770:2009/A12:2022/AC:2023-06
Parandab dokumenti: EVS-EN 61770:2009/A12:2022
Parandab dokumenti: EVS-EN 61770:2009+A11+A1+A12:2022

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-ISO 5725-3:2002/AC:2010

Mõõtmismeetodite ja tulemuste mõõtetäpsus (tõeline väärtus ja täpsus). Osa 3: Standardse mõõtemeetodi kordustäpsuse vahemõõtmised
Accuracy (trueness and precision) of measurement methods and results -- Part 3: Intermediate measures of the precision of a standard measurement method

Keel: en
Alusdokumendid: ISO 5725-3:1994/Cor 1:2001
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

CEN ISO/TS 13004:2014

Sterilization of health care products - Radiation - Substantiation of selected sterilization dose: Method VDmaxSD (ISO/TS 13004:2013)

Keel: en
Alusdokumendid: ISO/TS 13004:2013; CEN ISO/TS 13004:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 13004:2023
Standardi staatus: Kehtetu

EVS-EN ISO 15854:2021

Dentistry - Casting and baseplate waxes (ISO 15854:2021)

Keel: en
Alusdokumendid: ISO 15854:2021; EN ISO 15854:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 15854:2023
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 12255-14:2004

Wastewater treatment plants - Part 14: Disinfection

Keel: en
Alusdokumendid: EN 12255-14:2003
Asendatud järgmise dokumendiga: EVS-EN 12255-14:2023
Standardi staatus: Kehtetu

EVS-EN 12255-6:2002

Reoveepuhastid. Osa 6: Aktiivmudaprotsessid
Wastewater treatment plants - Part 6: Activated sludge processes

Keel: en, et
Alusdokumendid: EN 12255-6:2001
Asendatud järgmise dokumendiga: EVS-EN 12255-6:2023
Standardi staatus: Kehtetu

EVS-EN 14470-1:2004

Fire safety storage cabinets - Part 1: Safety storage cabines for flammable liquids

Keel: en
Alusdokumendid: EN 14470-1:2004
Asendatud järgmise dokumendiga: EVS-EN 14470-1:2023
Standardi staatus: Kehtetu

EVS-EN ISO 13997:2000

Kaitserõivad. Mehaanilised omadused. Lõikekindluse määramine teravate esemete toimele
Protective clothing - Mechanical properties - Determination of resistance to cutting by sharp objects

Keel: en
Alusdokumendid: ISO 13997:1999; EN ISO 13997:1999; EN ISO 13997:1999/AC:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 13997:2023
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-ISO 5725-3:2002/AC:2010

Mõõtmismeetodite ja tulemuste mõõtetäpsus (tõeline väärtus ja täpsus). Osa 3: Standardse mõõtemeetodi kordustäpsuse vahemõõtmised
Accuracy (trueness and precision) of measurement methods and results -- Part 3: Intermediate measures of the precision of a standard measurement method

Keel: en
Alusdokumendid: ISO 5725-3:1994/Cor 1:2001
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TS 14632:2012

Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity

Keel: en
Alusdokumendid: CEN/TS 14632:2012
Asendatud järgmise dokumendiga: CEN/TS 14632:2023
Standardi staatus: Kehtetu

EVS-EN 12449:2016+A1:2019

Copper and copper alloys - Seamless, round tubes for general purposes

Keel: en
Alusdokumendid: EN 12449:2016+A1:2019
Asendatud järgmise dokumendiga: EVS-EN 12449:2023
Standardi staatus: Kehtetu

EVS-EN 26948:1999

Automaatsed aurulukud. Tootlikkuse ja läbilaskevõime omaduste katsed
Automatic steam traps - Production and performance characteristic tests

Keel: en
Alusdokumendid: ISO 6948:1981; EN 26948:1991
Asendatud järgmise dokumendiga: EVS-EN ISO 5117:2023
Standardi staatus: Kehtetu

EVS-EN 27841:1999

Automaatsed aurulukud. Auru kao kindlaksmääramine. Katsemeetodid
Automatic steam traps - Determination of steam loss - Test methods

Keel: en
Alusdokumendid: ISO 7841:1988; EN 27841:1991
Asendatud järgmise dokumendiga: EVS-EN ISO 5117:2023
Standardi staatus: Kehtetu

EVS-EN 27842:1999

Automaatsed aurulukud. Jõudluse kindlaksmääramine. Katsemeetodid
Automatic steam traps - Determination of discharge capacity - Test methods

Keel: en
Alusdokumendid: ISO 7842:1988; EN 27842:1991
Asendatud järgmise dokumendiga: EVS-EN ISO 5117:2023
Standardi staatus: Kehtetu

EVS-EN 60534-1:2005

Industrial-process control valves Part 1: Control valve terminology and general considerations

Keel: en
Alusdokumendid: IEC 60534-1:2005; EN 60534-1:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 60534-1:2023
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 10244-2:2009
Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings

Keel: en
Alusdokumendid: EN 10244-2:2009
Asendatud järgmise dokumendiga: EVS-EN 10244-2:2023
Standardi staatus: Kehtetu

EVS-EN 60534-1:2005
Industrial-process control valves Part 1: Control valve terminology and general considerations

Keel: en
Alusdokumendid: IEC 60534-1:2005; EN 60534-1:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 60534-1:2023
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60076-19:2015
Power transformers - Part 19: Rules for the determination of uncertainties in the measurement of the losses on power transformers and reactors

Keel: en
Alusdokumendid: IEC/TS 60076-19:2013; EN 60076-19:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60076-19-1:2023
Standardi staatus: Kehtetu

EVS-EN 61543:2001
Rikkevoolukaitselülitid kasutamiseks majapidamises ja muudel tolistel juhtudel. Elektromagnetiline ühilduvus
Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility

Keel: en
Alusdokumendid: IEC 1543:1995; EN 61543:1995; EN 61543:1995/AC:1997
Asendatud järgmise dokumendiga: EVS-EN IEC 61543:2023
Muudetud järgmise dokumendiga: EVS-EN 61543:2001/A11:2003
Muudetud järgmise dokumendiga: EVS-EN 61543:2001/A12:2005
Muudetud järgmise dokumendiga: EVS-EN 61543:2001/A2:2006
Standardi staatus: Kehtetu

EVS-EN 61543:2001/A11:2003
Rikkevoolukaitselülitid kasutamiseks majapidamises ja muudel tolistel juhtudel. Elektromagnetiline ühilduvus
Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility

Keel: en
Alusdokumendid: EN 61543:1995/A11:2003; EN 61543:1995/A11:2003/AC:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 61543:2023
Standardi staatus: Kehtetu

EVS-EN 61543:2001/A12:2005
Rikkevoolukaitselülitid kasutamiseks majapidamises ja muudel tolistel juhtudel. Elektromagnetiline ühilduvus
Residual current-operated protective devices (RCDs)˘for household and similar use – Electromagnetic compatibility

Keel: en
Alusdokumendid: EN 61543:1995/A12:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 61543:2023
Standardi staatus: Kehtetu

EVS-EN 61543:2001/A2:2006

Rikkevoolukaitselülitid kasutamiseks majapidamises ja muudel tolistel juhtudel. Elektromagnetiline ühilduvus
Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility

Keel: en
Alusdokumendid: IEC 61543:1995/A2:2005; EN 61543:1995/A2:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 61543:2023
Standardi staatus: Kehtetu

EVS-EN IEC 60071-2:2018

Insulation co-ordination - Part 2: Application guidelines

Keel: en
Alusdokumendid: IEC 60071-2:2018; EN IEC 60071-2:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60071-2:2023
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60728-11:2017

Televisiooni-, heli- ja multimeediasignaalide kaabelvõrgud. Osa 11: Ohutus
Cable networks for television signals, sound signals and interactive services - Part 11: Safety

Keel: en
Alusdokumendid: IEC 60728-11:2016; IEC 60728-11:2016/COR1:2016; EN 60728-11:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60728-11:2023
Muudetud järgmise dokumendiga: EVS-EN 60728-11:2017/A11:2018
Standardi staatus: Kehtetu

EVS-EN 60728-11:2017/A11:2018

Televisiooni-, heli- ja multimeediasignaalide kaabelvõrgud. Osa 11: Ohutus
Cable networks for television signals, sound signals and interactive services - Part 11: Safety

Keel: en
Alusdokumendid: EN 60728-11:2017/A11:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60728-11:2023
Standardi staatus: Kehtetu

EVS-EN 60728-13-1:2017

Cable networks for television signals, sound signals and interactive services - Part 13-1: Bandwidth expansion for broadcast signal over FTTH system

Keel: en
Alusdokumendid: IEC 60728-13-1:2017; IEC 60728-13-1:2017/COR1:2017; EN 60728-13-1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60728-113:2023
Standardi staatus: Kehtetu

EVS-EN IEC 60728-113:2018

Cable networks for television signals, sound signals and interactive services - Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only

Keel: en
Alusdokumendid: IEC 60728-113:2018; EN IEC 60728-113:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60728-113:2023
Parandatud järgmise dokumendiga: EVS-EN IEC 60728-113:2018/AC:2018
Standardi staatus: Kehtetu

EVS-EN IEC 60728-113:2018/AC:2018

Cable networks for television signals, sound signals and interactive services - Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only

Keel: en
Alusdokumendid: IEC 60728-113:2018/COR1:2018; EN IEC 60728-113:2018/AC:2018-12
Asendatud järgmise dokumendiga: EVS-EN IEC 60728-113:2023
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN ISO 19123:2007
Geographic information - Schema for coverage geometry and functions

Keel: en
Alusdokumendid: ISO 19123:2005; EN ISO 19123:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 19123-1:2023
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15654-1:2018
Raudteealased rakendused. Ratta ja rattapaari vertikaaljõu mõõtmine. Osa 1: Rööbasteel mõõtmiskohad kasutuses raudteeveeremile
Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 1: On-track measurement sites for vehicles in service

Keel: en
Alusdokumendid: EN 15654-1:2018
Asendatud järgmise dokumendiga: EVS-EN 15654-1:2018+A1:2023
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 9875:2002
Laevaehitus. Laeva kajalood
Ships and marine technology - Marine echo-sounding equipment

Keel: en
Alusdokumendid: ISO 9875:2000; EN ISO 9875:2001
Parandatud järgmise dokumendiga: EVS-EN ISO 9875:2002/AC:2011
Standardi staatus: Kehtetu

EVS-EN ISO 9875:2002/AC:2011
Laevaehitus. Laeva kajalood (ISO 9875:2000/Cor 1:2006)
Ships and marine technology - Marine echo-sounding equipment (ISO 9875:2000/Cor 1:2006)

Keel: en
Alusdokumendid: ISO 9875:2000/Cor 1:2006; EN ISO 9875:2001/AC:2011
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16602-60:2015
Space product assurance - Electrical, electronic and electromechanical (EEE) components

Keel: en
Alusdokumendid: ECSS-Q-ST-60C Rev.2; EN 16602-60:2015
Asendatud järgmise dokumendiga: EVS-EN 16602-60:2023
Standardi staatus: Kehtetu

EVS-EN 16602-60-13:2015
Space product assurance - Requirements for the use of COTS components

Keel: en
Alusdokumendid: ECSS-Q-ST-60-13C; EN 16602-60-13:2015
Asendatud järgmise dokumendiga: EVS-EN 16602-60-13:2023
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 23702-1:2018
Leather - Organic fluorine - Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS) (ISO 23702-1:2018)

Keel: en
Alusdokumendid: ISO 23702-1:2018; EN ISO 23702-1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 23702-1:2023

Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 27971:2015
Cereals and cereal products - Common wheat (Triticum aestivum L.) - Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology (ISO 27971:2015)

Keel: en
Alusdokumendid: ISO 27971:2015; EN ISO 27971:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 27971:2023
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

CR 10299:1998
Guidelines for the preparation of standard routine methods with wavelength-dispersive X-ray fluorescence spectrometry

Keel: en
Alusdokumendid: CR 10299:1998
Asendatud järgmise dokumendiga: CEN/TR 10377:2023
Standardi staatus: Kehtetu

EVS-EN 14470-1:2004
Fire safety storage cabinets - Part 1: Safety storage cabines for flammable liquids

Keel: en
Alusdokumendid: EN 14470-1:2004
Asendatud järgmise dokumendiga: EVS-EN 14470-1:2023
Standardi staatus: Kehtetu

EVS-EN 14664:2005
Chemicals used for treatment of water intended for human consumption - Iron (III) sulfate, solid

Keel: en
Alusdokumendid: EN 14664:2004
Asendatud järgmise dokumendiga: EVS-EN 14664:2023
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12595:2014
Bituumen ja bituumensideained. Kinemaatilise viskoossuse määramine
Bitumen and bituminous binders - Determination of kinematic viscosity

Keel: en, et
Alusdokumendid: EN 12595:2014
Asendatud järgmise dokumendiga: EVS-EN 12595:2023
Standardi staatus: Kehtetu

EVS-EN 14769:2012
Bitumen and bituminous binders - Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV)

Keel: en
Alusdokumendid: EN 14769:2012
Asendatud järgmise dokumendiga: EVS-EN 14769:2023
Standardi staatus: Kehtetu

EVS-EN 14770:2012
Bitumen and bituminous binders - Determination of complex shear modulus and phase angle - Dynamic Shear Rheometer (DSR)

Keel: en
Alusdokumendid: EN 14770:2012
Asendatud järgmise dokumendiga: EVS-EN 14770:2023
Standardi staatus: Kehtetu

EVS-EN 14771:2012
Bitumen and bituminous binders - Determination of the flexural creep stiffness - Bending Beam Rheometer (BBR)

Keel: en
Alusdokumendid: EN 14771:2012
Asendatud järgmise dokumendiga: EVS-EN 14771:2023
Standardi staatus: Kehtetu

EVS-EN 1860-2:2005
Appliances, solid fuels and firelighters for barbecueing - Part 2: Barbecue charcoal and barbecue charcoal briquettes - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-2:2005
Asendatud järgmise dokumendiga: EVS-EN 1860-2:2023
Standardi staatus: Kehtetu

EVS-EN 1860-3:2003
Appliances, solid fuels and firelighters for barbecuing - Part 3 : Firelighters for igniting solid fuels for use in barbecue appliances - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-3:2003
Asendatud järgmise dokumendiga: EVS-EN 1860-3:2023
Muudetud järgmise dokumendiga: EVS-EN 1860-3:2003/A1:2006
Standardi staatus: Kehtetu

EVS-EN 1860-3:2003/A1:2006
Appliances, solid fuels and firelighters for barbecuing - Firelighters for igniting solid fuels for use in barbecue - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-3:2003/A1:2006
Asendatud järgmise dokumendiga: EVS-EN 1860-3:2023
Standardi staatus: Kehtetu

EVS-EN 1860-4:2005
Appliances, solid fuels and firelighters for barbecueing - Part 4: Single use barbecues burning solid fuels - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-4:2004
Asendatud järgmise dokumendiga: EVS-EN 1860-4:2023
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10244-2:2009
Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings

Keel: en
Alusdokumendid: EN 10244-2:2009
Asendatud järgmise dokumendiga: EVS-EN 10244-2:2023
Standardi staatus: Kehtetu

EVS-EN 12449:2016+A1:2019
Copper and copper alloys - Seamless, round tubes for general purposes

Keel: en
Alusdokumendid: EN 12449:2016+A1:2019
Asendatud järgmise dokumendiga: EVS-EN 12449:2023
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 13489:2017
Wood-flooring and parquet - Multi-layer parquet elements

Keel: en
Alusdokumendid: EN 13489:2017
Asendatud järgmise dokumendiga: EVS-EN 13489:2023
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 20567-2:2017
Paints and varnishes - Determination of stone-chip resistance of coatings - Part 2: Single-impact test with a guided impact body (ISO 20567-2:2017)

Keel: en
Alusdokumendid: ISO 20567-2:2017; EN ISO 20567-2:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 20567-2:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-12:2002
Extenders for paints - Specifications and methods of test - Part 12: Muscovite-type mica

Keel: en
Alusdokumendid: ISO 3262-12:2001; EN ISO 3262-12:2001
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-12:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-2:2000
Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 2: Barüüt (looduslik baariumsulfaat)
Extenders for paints - Specifications and methods of test - Part 2: Baryte (natural Barium sulphate)

Keel: en
Alusdokumendid: ISO 3262-2:1998; EN ISO 3262-2:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-2:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-22:2002
Extenders for paints - Specifications and methods of test - Part 22: Flux-calcined kieselguhr

Keel: en
Alusdokumendid: ISO 3262-22:2001; EN ISO 3262-22:2001
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-22:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-3:2000
Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 3: Blanfiks
Extenders for paints - Specifications and methods of test - Part 3: Blanc fixe

Keel: en
Alusdokumendid: ISO 3262-3:1998; EN ISO 3262-3:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-3:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-4:2000
Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 4: Kriit
Extenders for paints - Specifications and methods of test - Part 4: Whiting

Keel: en
Alusdokumendid: ISO 3262-4:1998; EN ISO 3262-4:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-4:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-5:2000

Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 5: Looduslik kristalne kaltsiumkarbonaat
Extenders for paints - Specifications and methods of test - Part 5: Natural crystalline calcium carbonate

Keel: en
Alusdokumendid: ISO 3262-5:1998; EN ISO 3262-5:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-5:2023
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

CEN/TS 14632:2012

Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity

Keel: en
Alusdokumendid: CEN/TS 14632:2012
Asendatud järgmise dokumendiga: CEN/TS 14632:2023
Standardi staatus: Kehtetu

EVS-EN 12595:2014

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

Keel: en, et
Alusdokumendid: EN 12595:2014
Asendatud järgmise dokumendiga: EVS-EN 12595:2023
Standardi staatus: Kehtetu

EVS-EN 14769:2012

Bitumen and bituminous binders - Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV)

Keel: en
Alusdokumendid: EN 14769:2012
Asendatud järgmise dokumendiga: EVS-EN 14769:2023
Standardi staatus: Kehtetu

EVS-EN 14770:2012

Bitumen and bituminous binders - Determination of complex shear modulus and phase angle - Dynamic Shear Rheometer (DSR)

Keel: en
Alusdokumendid: EN 14770:2012
Asendatud järgmise dokumendiga: EVS-EN 14770:2023
Standardi staatus: Kehtetu

EVS-EN 14771:2012

Bitumen and bituminous binders - Determination of the flexural creep stiffness - Bending Beam Rheometer (BBR)

Keel: en
Alusdokumendid: EN 14771:2012
Asendatud järgmise dokumendiga: EVS-EN 14771:2023
Standardi staatus: Kehtetu

EVS-EN 16012:2012+A1:2015

Thermal insulation for buildings - Reflective insulation products - Determination of the declared thermal performance

Keel: en
Alusdokumendid: EN 16012:2012+A1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 22097:2023
Standardi staatus: Kehtetu

EVS-EN 480-1:2015
Betooni ja mördi keemilised lisandid. Katsemeetodid. Osa 1: Katsetamisel kasutatav etalonbetoon ja etalonmört
Admixtures for concrete, mortar and grout - Test methods - Part 1: Reference concrete and reference mortar for testing

Keel: en, et
Alusdokumendid: EN 480-1:2014
Asendatud järgmise dokumendiga: EVS-EN 480-1:2023
Standardi staatus: Kehtetu

EVS-EN 480-15:2013
Admixtures for concrete, mortar and grout - Test methods - Part 15: Reference concrete and method for testing viscosity modifying admixtures

Keel: en
Alusdokumendid: EN 480-15:2013
Asendatud järgmise dokumendiga: EVS-EN 480-15:2023
Standardi staatus: Kehtetu

EVS-EN ISO 10563:2017
Buildings and civil engineering works - Sealants - Determination of change in mass and volume (ISO 10563:2017)

Keel: en
Alusdokumendid: ISO 10563:2017; EN ISO 10563:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 10563:2023
Standardi staatus: Kehtetu

93 RAJATISED

CEN/TS 14632:2012
Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity

Keel: en
Alusdokumendid: CEN/TS 14632:2012
Asendatud järgmise dokumendiga: CEN/TS 14632:2023
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1860-2:2005
Appliances, solid fuels and firelighters for barbecueing - Part 2: Barbecue charcoal and barbecue charcoal briquettes - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-2:2005
Asendatud järgmise dokumendiga: EVS-EN 1860-2:2023
Standardi staatus: Kehtetu

EVS-EN 1860-3:2003
Appliances, solid fuels and firelighters for barbecuing - Part 3 : Firelighters for igniting solid fuels for use in barbecue appliances - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-3:2003
Asendatud järgmise dokumendiga: EVS-EN 1860-3:2023
Muudetud järgmise dokumendiga: EVS-EN 1860-3:2003/A1:2006
Standardi staatus: Kehtetu

EVS-EN 1860-3:2003/A1:2006
Appliances, solid fuels and firelighters for barbecuing - Firelighters for igniting solid fuels for use in barbecue - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-3:2003/A1:2006
Asendatud järgmise dokumendiga: EVS-EN 1860-3:2023
Standardi staatus: Kehtetu

EVS-EN 1860-4:2005

Appliances, solid fuels and firelighters for barbecueing - Part 4: Single use barbecues burning solid fuels - Requirements and test methods

Keel: en
Alusdokumendid: EN 1860-4:2004
Asendatud järgmise dokumendiga: EVS-EN 1860-4:2023
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) on asjast 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).

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

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

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

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

EN ISO 17419:2018/prA1:2023

Intelligent transport systems - Cooperative systems - Globally unique identification - Amendment 1: Regions of a closed polygon in a plane (ISO 17419:2018/DAM 1:2023)

Amendment to EN ISO 17419:2018

Keel: en
Alusdokumendid: ISO 17419:2018/DAmd 1; EN ISO 17419:2018/prA1:2023
Muudab dokumenti: EVS-EN ISO 17419:2018

Arvamusküsitluse lõppkuupäev: 14.09.2023

11 TERVISEHOOLDUS

prEN ISO 25539-3

Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters (ISO/DIS 25539-3:2023)

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

Keel: en
Alusdokumendid: ISO/DIS 25539-3; prEN ISO 25539-3
Asendab dokumenti: EVS-EN ISO 25539-3:2011

Arvamusküsitluse lõppkuupäev: 14.09.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 1366-10:2022/prA1

Fire resistance tests for service installations - Part 10: Smoke control dampers

This document specifies test methods for smoke control dampers to assess their performance under elevated temperature or fire conditions, as well as at ambient temperatures. Smoke control damper tests are used to confirm that the furnace testing requirements of EN 12101-8 are met and EN 12101-8 is for consideration before carrying out these tests. Smoke control dampers tested to this document are expected to be classified using EN 13501-4 and this document is expected to be considered before carrying out these tests. NOTE Some smoke control dampers to be tested might require testing following the information given in EN 1366-2 and this needs consideration before carrying out testing. This document is expected to be read in conjunction with EN 12101-8, EN 13501-4, EN 1366-2 and EN 1363-1, the latter giving further details for fire resistance testing. For installation details, the requirements for smoke extraction ducts are for consideration and these are defined in EN 1366-8 and EN 1366-9.

Keel: en
Alusdokumendid: EN 1366-10:2022/prA1
Muudab dokumenti: EVS-EN 1366-10:2022

Arvamusküsitluse lõppkuupäev: 14.09.2023

EN 14373:2021/prA1

Explosion suppression systems

This document describes the basic requirements for the design and application of explosion suppression systems. This document also specifies test methods for evaluating the effectiveness and the scaling up of explosion suppression systems against defined explosions. This document covers: - general requirements for explosion suppression system parts; - evaluating the effectiveness of an explosion suppression system; - evaluating the scale up of an explosion suppression system to larger than tested volumes; - development and evaluation of design tools for explosion suppression systems; - installation, operation and maintenance instructions for an explosion suppression system. This document is applicable only to explosion suppression systems intended for the protection of closed, or essentially closed, enclosures in which an explosion could result as a consequence of ignition of an explosible mixture, e.g. dust-air, gas(vapour)-air, dust-gas(vapour)-air and mist-air. This document is not applicable for explosions of materials listed below, or for mixtures containing some of those materials: - unstable materials that are liable to dissociate; - explosive materials; - pyrotechnic materials; - pyrophoric materials.

Keel: en
Alusdokumendid: EN 14373:2021/prA1
Muudab dokumenti: EVS-EN 14373:2021

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 16916

Materials obtained from End of Life Tyres - Determination of specific requirements for sampling and determination of moisture content using the oven-dry method

This document specifies a method for determining the total moisture content of materials obtained from End of Life Tyres (ELT) by drying samples in an oven. The method is applicable to chips, granulates, powders and textile derived from the treatment of End of Life Tyres. This document is not intended for the determination of moisture content in steel wires.

Keel: en
Alusdokumendid: prEN 16916
Asendab dokumenti: CEN/TS 16916:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN ISO 18187

Soil quality - Contact test for solid samples using the dehydrogenase activity of Arthrobacter globiformis (ISO/DIS 18187:2023)

ISO 18187:2016 specifies a rapid method for assessing solid samples in an aerobic suspension, by determining the inhibition of dehydrogenase activity of Arthrobacter globiformis using the redox dye resazurin. It is applicable for assessing the effect of water-soluble and solid matter bounded non-volatile contaminants of natural samples, such as soils and waste materials. The test yields a result within 6 h and can therefore be used for screening potentially contaminated material.

Keel: en
Alusdokumendid: ISO/DIS 18187; prEN ISO 18187
Asendab dokumenti: EVS-EN ISO 18187:2018

Arvamusküsitluse lõppkuupäev: 14.09.2023

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 3506-5

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

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

Keel: en
Alusdokumendid: ISO 3506-5:2022; prEN ISO 3506-5

Arvamusküsitluse lõppkuupäev: 14.09.2023

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 15698-1

District heating pipes - Bonded twin pipe systems for directly buried hot water networks - Part 1: Factory made twin pipe assembly of steel service pipes, polyurethane thermal insulation and one casing of polyethylene

This document specifies requirements and test methods for straight lengths of factory made thermally insulated bonded twin pipe assemblies for directly buried hot water networks in accordance with EN 13941-1, comprising two steel service pipes, polyurethane (PUR) foam thermal insulation and a casing of polyethylene. The twin pipe assembly can also include the following additional elements: Measuring wires, spacers and diffusion barriers.

Keel: en
Alusdokumendid: prEN 15698-1
Asendab dokumenti: EVS-EN 15698-1:2019

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 15698-2

District heating pipes - Bonded twin pipe systems for directly buried hot water networks - Part 2: Factory made fitting and valve assemblies of steel service pipes, polyurethane thermal insulation and a casing of polyethylene

This document specifies requirements and test methods for fittings and valves of factory made thermally insulated bonded twin pipe assemblies for hot water networks in accordance with EN 13941-1, comprising two steel service pipes, in most cases steel fittings and/or steel valves, steel components, polyurethane (PUR) foam thermal insulation and a casing of polyethylene. NOTE Steel components can be e.g. fixing bars. The twin pipe assembly can also include the following additional elements: Measuring wires, spacers and diffusion barriers. This document covers the following assemblies: - fittings: bends, T-pieces and reducers; - valves for main line. This document applies to fitting assemblies with a minimum design pressure of 1,6 MPa and valve assemblies with a minimum design pressure of 2,5 MPa.

Keel: en
Alusdokumendid: prEN 15698-2
Asendab dokumenti: EVS-EN 15698-2:2019

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 16631

LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Reconditioning requirements

This European Standard specifies the requirements for the reconditioning, retesting and certification of Pressure Relief Valves (PRVs) for LPG pressure vessels covered under the scope of EN 14129. This European Standard applies to retesting and reconditioning of PRVs that are carried out in a workshop and does not apply to site adjustment of installed PRVs. Annex A is an informative Annex detailing a sampling approach for PRV requalification which should only be used in case of on-site requalification of series produced pressure vessels fitted with series produced PRVs.

Keel: en
Alusdokumendid: prEN 16631
Asendab dokumenti: EVS-EN 16631:2015

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 448

District heating pipes - Bonded single pipe systems for directly buried hot water networks - Factory made fitting assemblies of steel service pipes, polyurethane thermal insulation and a casing of polyethylene

This document specifies requirements and test methods for factory made thermally insulated bonded fitting assemblies for hot water networks in accordance with EN 13941-1, comprising a steel service pipe, in most cases a steel fitting, polyurethane (PUR)

foam thermal insulation and a casing of polyethylene. The fitting assembly can also include the following additional elements: measuring wires, spacers and diffusion barriers. This document covers the following fitting assemblies: bend, tee and reducer. This document applies to fitting assemblies with a minimum design pressure of 1,6 MPa.

Keel: en
Alusdokumendid: prEN 448
Asendab dokumenti: EVS-EN 448:2019

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 488-1

District heating pipes - Bonded single pipe systems for directly buried hot water networks - Part 1: Factory made steel valve assembly for steel service pipes, polyurethane thermal insulation and a casing of polyethylene

This document specifies requirements and test methods for factory made thermally insulated bonded valve assemblies for hot water networks in accordance with EN 13941-1, comprising a steel valve, valve extension pipes, polyurethane (PUR) foam thermal insulation and a casing of polyethylene. The valve assembly can also include the following additional elements: measuring wires, spacers and diffusion barriers.

Keel: en
Alusdokumendid: prEN 488-1
Asendab dokumenti: EVS-EN 488:2019

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 488-2

District heating and district cooling pipes - Bonded pipe systems for directly buried hot and cold water networks - Factory made steel valve assembly for draining and venting, polyurethane thermal insulation and a casing of polyethylene

This document specifies requirements for factory made thermally insulated bonded valve assemblies for draining and venting for directly buried hot and cold water networks in accordance with EN 13941-1, comprising a steel valve, steel service pipe, polyurethane (PUR) foam thermal insulation and a casing of polyethylene (PE). The valve assembly can also include the following additional elements: measuring wires, spacers and diffusion barriers.

Keel: en
Alusdokumendid: prEN 488-2

Arvamusküsitluse lõppkuupäev: 14.09.2023

25 TOOTMISTEHNOLOOGIA

EN 62841-2-11:2016/prAB:2023

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws

This part of EN 62841 applies to reciprocating saws such as jig saws and sabre saws.

Keel: en
Alusdokumendid: EN 62841-2-11:2016/prAB:2023
Muudab dokumenti: EVS-EN 62841-2-11:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 50735-1

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Environmental aspects - Part 1: Requirements for repairability

This document provides product group specific guidance for a common understanding of measures, given by any legislation, to define product specific information on the repairability and the reuse of used parts of motor-operated hand-held tools, transportable tools, lawn and garden machinery. It is based on the following aspects: - the inherent technical possibility/features to repair a product; - the ability of the person repairing the product (skill level and tools); - the possibility to reuse used parts of a product; - the ability during repair for software updates. The decision whether a product should be repaired is dependent on a range of factors such as health and safety, intended use as well as economic, legal, and environmental aspects. However, the question of whether it is reasonable to repair the product or reuse of used parts is outside of the scope of this document. This document does not cover software (firmware and application software) or hardware modifications that change the intended use of the product. Other risks making products non-compliant with safety standards are also not covered by this document. The safety of the repairer during the repair is out of scope of this document.

Keel: en
Alusdokumendid: prEN 50735-1

Arvamusküsitluse lõppkuupäev: 14.09.2023

27 ELEKTRI- JA SOOJUSENERGEETIKA

prHD 60364-7-712:2023

Low voltage electrical installations - Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems

This part of IEC 60364 applies to the electrical installation of PV systems. The equipment of a PV system, like any other item of equipment, is dealt with only so far as its selection and application in the installation is concerned. A PV installation comprises of all equipment from PV modules(s) up to the connection point to other parts of the installation e.g. a distribution board or the utility supply point (point of connection). It may include requirements on electrical installation resulting from the installation of PV power supply installations. Requirements are included relating to the possible installation of energy storage sy stems (e.g. batteries). Requirements are also included for PV installations for island mode operation described in IEC 60364-8-82. NOTE 1 The abbreviation “PV” is used for “Photovoltaic”. Photovoltaic installations are, hereafter, known as PV installations. NOTE 2 Additional requirements for PV system floating on water are under development. See Bibliography.

Keel: en
Alusdokumendid: 64/2628/CDV; prHD 60364-7-712:2023
Asendab dokumenti: EVS-HD 60364-7-712:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

29 ELEKTROTEHNIKA

prEN 50546:2023

Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

This document specifies requirements for the shore supply system for auxiliaries and pre-conditioning and the related intermateable connector pairs. This standard specifies the characteristics of the connectors in order to achieve interoperability at the rolling-stock/shore power supply interface. This document does not apply to shore supplies to move the rolling stock.

Keel: en
Alusdokumendid: prEN 50546:2023
Asendab dokumenti: EVS-EN 50546:2020
Asendab dokumenti: EVS-EN 50546:2020/AC:2021

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 60076-4:2023

Power transformers - Part 4: Guide to the lightning impulse and switching impulse testing - Power transformers and reactors

This part of IEC 60076 gives guidance and explanatory comments on the existing procedures for lightning and switching impulse tests of power transformers to supplement the requirements of IEC 60076-3. It is also generally applicable to the testing of reactors (see IEC 60076-6), modifications to power transformer procedures being indicated where required. Information is given on waveforms, test circuits including test connections, earthing practices, failure detection methods, test procedures, measuring techniques and interpretation of results. Where applicable, the test techniques are as recommended in IEC 60060-1 and IEC 60060-2.

Keel: en
Alusdokumendid: 14/1109/CDV; prEN IEC 60076-4:2023
Asendab dokumenti: EVS-EN 60076-4:2003

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-1:2023

Electrical relays - Tests and Measurements - Part 7-1: Visual inspection and check of dimensions

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage, and all aspects of operational use. The object of this test is to define a standard test method for the visual examination and check of dimensions.

Keel: en
Alusdokumendid: 94/878/CDV; prEN IEC 61810-7-1:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-18:2023

Electrical relays - Tests and Measurements - Part 7-18: Thermal resistance of the coil

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to determine the thermal resistance of the relay coil.

Keel: en
Alusdokumendid: 94/886/CDV; prEN IEC 61810-7-18:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-20:2023
Electrical relays - Tests and Measurements - Part 7-20: Mechanical endurance

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for mechanical endurance.

Keel: en
Alusdokumendid: 94/881/CDV; prEN IEC 61810-7-20:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-22:2023
Electrical relays - Tests and Measurements - Part 7-22: Limiting continuous current

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for evaluation of the limiting continuous current under specified conditions.

Keel: en
Alusdokumendid: 94/887/CDV; prEN IEC 61810-7-22:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-24:2023
Electrical relays - Tests and Measurements - Part 7-24: Load transfer

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to check that a multipole relay is capable to transfer one source to another.

Keel: en
Alusdokumendid: 94/888/CDV; prEN IEC 61810-7-24:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-25:2023
Electrical relays - Tests and Measurements - Part 7-25: Magnetic interference

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for investigate the influence between relays under operating conditions and the influence back to other relays in the neighbourhood.

Keel: en
Alusdokumendid: 94/882/CDV; prEN IEC 61810-7-25:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-4:2023
Electrical relays - Tests and Measurements Part 7-4: Dielectric strength test

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for the dielectric strength test.

Keel: en
Alusdokumendid: 94/879/CDV; prEN IEC 61810-7-4:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-40:2023
Electrical relays - Tests and Measurements - Part 7-40: Short circuit testing

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for short circuit testing.

Keel: en
Alusdokumendid: 94/883/CDV; prEN IEC 61810-7-40:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61810-7-41:2023
Electrical relays - Tests and Measurements - Part 7-41: Insulation coordination

This part of IEC 61810 part7 provides general guidance for the insulation coordination for electromechanical elementary relays and similar components within the scope of IEC technical committee 94. This part may also be used for similar devices when

specified in a detail specification. The test and/or measurement of creepages, clearances, solid insolation and insulation systems shall be carried out in conjunction with other IEC 61810-7 series parts. The basis for the insulation coordination is given in IEC 60664 series.

Keel: en
Alusdokumendid: 94/884/CDV; prEN IEC 61810-7-41:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 62024-1:2023

High frequency inductive components - Electrical characteristics and measuring methods - Part 1: Nanohenry range chip inductor

This part of IEC 62024 specifies electrical characteristics and measuring methods for the nanohenry range chip inductor that is normally used in high frequency (over 100 kHz) range.

Keel: en
Alusdokumendid: 51/1441/CDV; prEN IEC 62024-1:2023
Asendab dokumenti: EVS-EN IEC 62024-1:2018

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC/IEEE 60076-57-1202:2023

Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers

This standard covers the requirements for phase-shifting transformers of all types. The scope excludes transformers with an unregulated phase shift. This document is limited to matters particular to phase-shifting transformers and does not include matters relating to general requirements for power transformers covered in existing standards in the EN 60076 series

Keel: en
Alusdokumendid: prEN IEC/IEEE 60076-57-1202:2023; IEC/IEEE 60076-57-1202:2017

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC/IEEE 60076-57-1202:2023/prAA:2023

Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers

Amendment to EN IEC/IEEE 60076-57-1202

Keel: en
Alusdokumendid: prEN IEC/IEEE 60076-57-1202:2023/prAA:2023
Muudab dokumenti: prEN IEC/IEEE 60076-57-1202:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prHD 60364-7-712:2023

Low voltage electrical installations - Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems

This part of IEC 60364 applies to the electrical installation of PV systems. The equipment of a PV system, like any other item of equipment, is dealt with only so far as its selection and application in the installation is concerned. A PV installation comprises of all equipment from PV modules(s) up to the connection point to other parts of the installation e.g. a distribution board or the utility supply point (point of connection). It may include requirements on electrical installation resulting from the installation of PV power supply installations. Requirements are included relating to the possible installation of energy storage sy stems (e.g. batteries). Requirements are also included for PV installations for island mode operation described in IEC 60364-8-82. NOTE 1 The abbreviation “PV” is used for “Photovoltaic”. Photovoltaic installations are, hereafter, known as PV installations. NOTE 2 Additional requirements for PV system floating on water are under development. See Bibliography.

Keel: en
Alusdokumendid: 64/2628/CDV; prHD 60364-7-712:2023
Asendab dokumenti: EVS-HD 60364-7-712:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

33 SIDETEHNIKA

prEN 303 213-5-1 V2.0.0

Lennuvälja maapealse liikluse juhtimise täiustatud süsteem (A-SMGCS); Osa 5. Raadiospektrile juurdepääsu harmoneeritud standard multilateratsioon (MLAT) seadmetele; Alajaotus 1. Vastuvõtjad ja päringusaatjad
Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and Interrogators

The present document specifies technical characteristics and methods of measurements for the following equipment: 1) Interrogators transmitting in the 1 030 MHz band, used in Mode S multilateration equipment in an Advanced Surface Movement Guidance and Control System (A-SMGCS). 2) Receivers, receiving in the 1 090 MHz band, used in Mode S multilateration equipment in an Advanced Surface Movement Guidance and Control System (A-SMGCS). Antennas for this equipment are

passive without an additional amplifier. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 303 213-5-1 V2.0.0

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 319 411-1 V1.4.0

Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements

The present document specifies generally applicable policy and security requirements for Trust Service Providers (TSPs) issuing public key certificates, including trusted web site certificates. The policy and security requirements are defined in terms of requirements for the issuance, maintenance and life-cycle management of certificates. These policy and security requirements support several reference certificate policies, defined in clauses 4 and 5. A framework for the definition of policy requirements for TSPs issuing certificates in a specific context where particular requirements apply is defined in clause 7. The present document covers requirements for CA hierarchies, however this is limited to supporting the policies as specified in the present document. It does not include requirements for root CAs and intermediate CAs for other purposes. The present document is applicable to: • the general requirements of certification in support of cryptographic mechanisms, including digital signatures for electronic signatures and seals; • the general requirements of certification authorities issuing TLS/SSL certificates; • the general requirements of the use of cryptography for authentication and encryption. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 [i.2] for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 401 for general policy requirements common to all classes of TSP's services. The present document includes provisions consistent with the requirements from the CA/Browser Forum in EVCG and BRG.

Keel: en
Alusdokumendid: Draft ETSI EN 319 411-1 V1.4.0

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 319 411-2 V2.5.0

Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 2: Requirements for trust service providers issuing EU qualified certificates

The present document specifies policy and security requirements for the issuance, maintenance and life-cycle management of EU qualified certificates as defined in Regulation (EU) No 910/2014. These policy and security requirements support reference certificate policies for the issuance, maintenance and life-cycle management of EU qualified certificates issued to natural persons (including natural persons associated with a legal person or a website) and to legal persons (including legal persons associated with a website), respectively. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 411-1 for general requirements on TSP issuing certificates.

Keel: en
Alusdokumendid: Draft ETSI EN 319 411-2 V2.5.0

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 60794-1-213:2023

Optical fibre cables - Part 1-213: Generic specification - Basic optical cable test procedures - Environmental test methods - Microduct pressure withstand, Method F13

This part of IEC 60794-1 defines test procedures to be used in establishing uniform requirements for the environmental performance of microduct. The test determines the capability of the microduct to withstand internal pressure without leakage and visible damage. This document applies to microduct used for installation of microduct cable or fibre unit by blowing. Throughout this document, the wording "microduct" can also include protected microduct(s). See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions. The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. IEC 60794-1-2, Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures – General guidance 109 No terms and definitions are listed in this document. ISO and IEC maintain terminological databases for use in standardization at the following addresses: • IEC Electropedia: available at http://www.electropedia.org/ • ISO Online browsing platform: available at http://www.iso.org/obp

Keel: en
Alusdokumendid: 86A/2331/CDV; prEN IEC 60794-1-213:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61757-6-1:2023

Fibre optic sensors - Part 6-1: Displacement measurement - Displacement sensors based on fibre Bragg gratings

This part of IEC 61757 defines the terminology, structure, and measurement methods of optical displacement sensors based on fibre Bragg gratings (FBGs) as the sensing element. This document also specifies the most important features and characteristics of these fibre optic displacement sensors and defines procedures for measuring these features and characteristics.

Keel: en
Alusdokumendid: 86C/1874/CDV; prEN IEC 61757-6-1:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 61757-7-3:2023

Fibre optic sensors - Part 7-3: Voltage measurement - Polarimetric method

This part of IEC 61757 defines the terminology, structure, and performance characteristics of fibre optic voltage sensors using a polarimetric measurement method. The document specifies test methods and procedures for measuring the most important performance parameters of these sensors. It addresses only the voltage sensing element and not the additional devices that are unique to each application. The document does not specify the required performance values of optical polarimetric fibre optic voltage sensors, because these specifications depend on the designated application of the sensor and are typically defined by the user of the sensor. The required performance values are usually defined when designing a sensor for a specific application.

Keel: en
Alusdokumendid: 86C/1873/CDV; prEN IEC 61757-7-3:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

35 INFOTEHNOLOOGIA

EN ISO 17419:2018/prA1:2023

Intelligent transport systems - Cooperative systems - Globally unique identification - Amendment 1: Regions of a closed polygon in a plane (ISO 17419:2018/DAM 1:2023)

Amendment to EN ISO 17419:2018

Keel: en
Alusdokumendid: ISO 17419:2018/DAmd 1; EN ISO 17419:2018/prA1:2023
Muudab dokumenti: EVS-EN ISO 17419:2018

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN IEC 63261:2023

Representation of electrical & instrument objects in digital 3D plant models during engineering

This document provides requirements for the E&I objects of a digital 3D plant model, used in the engineering phase to design and construct a process plant and its instrumentation. It provides guidance how to model plants and their electrical and instrumentation equipment. This document also specifies the content and the possible output of the 3D plant model at project milestones. This document can be used by the contractual partners to agree upon the content of the 3D plant model to be delivered at specified milestones. This document does not specify the transfer and format of digital 3D plant models. This document does not specify definitions or instructions to equipment representations and details of elements in the 3D plant model not belonging to electrical and instrumentation domains.

Keel: en
Alusdokumendid: 65E/1021/CDV; prEN IEC 63261:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN ISO 19164

Geographic information - Indoor feature model (ISO/DIS 19164:2023)

This standard defines a conceptual model of essential indoor features to describe indoor spatial environments required commonly in various location-based indoor applications. The scope includes the following: — conceptual structure of indoor features and their attributes; — spatial associations relationships between indoor features. The conceptual model in this standard is compatible with building model defined in OGC CityGML 3.0, and adds the details of some feature types and extends new types. This document will provide a common reference to guide the collection and organization of indoor spatial information for location-based applications in a comprehensive and straightforward way.

Keel: en
Alusdokumendid: ISO/DIS 19164; prEN ISO 19164

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN ISO/IEC 18045

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

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

Keel: en
Alusdokumendid: prEN ISO/IEC 18045; ISO/IEC 18045:2022
Asendab dokumenti: EVS-EN ISO/IEC 18045:2020

Arvamusküsitluse lõppkuupäev: 14.09.2023

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 63281-3-2:2023

E-Transporters - Part 3-2: Performance test methods for mobility of cargo e-Transporters

This international document is applicable to electrically powered transport devices for use on public road or in public spaces and which are primarily designed for transporting cargos (‘cargo e-transporters’). Typical operating scenarios of cargo e-transporters include hotels, restaurants, office buildings, hospitals, industrial/recreational parks, public roads, etc. This international document specifies performance criteria and evaluation methods for the mobility of cargo e-transporters. This international document does not include safety and performance requirements.

Keel: en
Alusdokumendid: 125/82/CDV; prEN IEC 63281-3-2:2023

Arvamusküsitluse lõppkuupäev: 14.09.2023

45 RAUDTEETEHNIKA

prEN 50343

Railway applications - Rolling stock - Rules for installation of cabling

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

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

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 50546:2023

Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

This document specifies requirements for the shore supply system for auxiliaries and pre-conditioning and the related intermateable connector pairs. This standard specifies the characteristics of the connectors in order to achieve interoperability at the rolling-stock/shore power supply interface. This document does not apply to shore supplies to move the rolling stock.

Keel: en
Alusdokumendid: prEN 50546:2023
Asendab dokumenti: EVS-EN 50546:2020
Asendab dokumenti: EVS-EN 50546:2020/AC:2021

Arvamusküsitluse lõppkuupäev: 14.09.2023

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 2714-014

Aerospace series - Cables, electrical, single and multicore for general purpose - Operating temperatures between - 55 °C and 260 °C - Part 014: DR family, 4 to 11 cores, taped, screened (braided) and jacketed, UV laser printable - Product standard

This document specifies the characteristics of UV laser printable DR family, 4 to 11 cores, taped, screened (braided) and jacketed electrical lightweight cables for use in the on-board electrical systems of aircraft, at operating temperatures between −55 °C and 260 °C. Nevertheless, if needed, −65 °C is also acceptable as shown by cold test. It is possible to mark these cables by qualified compatible marking, in line with EN 3838.

Keel: en
Alusdokumendid: prEN 2714-014
Asendab dokumenti: EVS-EN 2714-014:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 3155-074

Aerospace series - Electrical contacts used in elements of connection - Part 074: Contacts, electrical, quadrax, size 8, male, type E, crimp, class R - Product standard

This document specifies the required characteristics, tests and tooling applicable to male electrical Quadrax contacts, shielded, size 8, type E characteristic impedance 100 Ω, crimp, class P, R and S, used in elements of connection according to EN 3155 002. It is used together with EN 3155 001. The associated female contacts are specified in EN 3155 075.

Keel: en
Alusdokumendid: prEN 3155-074
Asendab dokumenti: EVS-EN 3155-074:2009

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 3155-075

Aerospace series - Electrical contacts used in elements of connection - Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R - Product standard

This document specifies the required characteristics, tests and tooling applicable to female electrical quadrax contacts, shielded, size 8, type E characteristic impedance 100 Ω, crimp, class R, used in elements of connection according to EN 3155 002. It is used together with EN 3155 001. The associated male contacts are specified in EN 3155 074.

Keel: en
Alusdokumendid: prEN 3155-075
Asendab dokumenti: EVS-EN 3155-075:2022

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 3381

Aerospace series - Screws, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium alloy, anodized, MOS2 lubricated - Classification: 1 100 MPa (at ambient temperature) / 315 °C

This document specifies the characteristics of screws, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium, anodized, MOS2 lubricated. Classification: 1 100 MPa /315 °C .

Keel: en
Alusdokumendid: prEN 3381
Asendab dokumenti: EVS-EN 3381:2000

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 3841-101

Aerospace series - Circuit breakers - Test methods - Part 101: Management of the retention of qualification

This document specifies requirements for the management of the retention of qualification.

Keel: en
Alusdokumendid: prEN 3841-101

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 4012

Aerospace series - Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), MoS2 coated - Classification: 1 550 MPa (at ambient temperature) / 425 °C

This document specifies the characteristics of self-locking bihexagonal nuts in NI-PH2601, MoS2 coated, for aerospace applications. Classification: 1 550 MPa / 425 °C .

Keel: en
Alusdokumendid: prEN 4012
Asendab dokumenti: EVS-EN 4012:2005

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 4165-025

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 025: Single module receptacle - Product standard

This document defines the single module receptacle used in the family of rectangular electrical connectors. The plug corresponding to this receptacle is defined in EN 4165-024. Accessories and protective cover corresponding to those plugs are defined in EN 4165-026. The cavity of this connector is uncoded, so it can accept polarized modules N, A, B, C and D as defined in EN 4165-002.

Keel: en
Alusdokumendid: prEN 4165-025
Asendab dokumenti: EVS-EN 4165-025:2017

Arvamusküsitluse lõppkuupäev: 15.08.2023

prEN 4641-103

Aerospace series - Cables, optical 125 µm diameter cladding - Part 103: Semi-loose, ruggedized simplex construction 62,5/125 µm GI fibre nominal 2,74 mm, outside diameter - Product standard

This document specifies the general characteristics, conditions for qualification, acceptance and quality assurance for a fibre optic cable with a 62,5 µm/125 µm simplex fibre, 2,74 mm outside cable diameter and of semi-loose construction. The basic construction is the cable defined in EN 4641 102 with added sheaths for ruggedized usages.

Keel: en
Alusdokumendid: prEN 4641-103
Asendab dokumenti: EVS-EN 4641-103:2010

Arvamusküsitluse lõppkuupäev: 14.09.2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN 17134-1

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

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

Keel: en
Alusdokumendid: prEN 17134-1
Asendab dokumenti: EVS-EN 17134:2019

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 17137

Textiles - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes

This document specifies a test method (using gas chromatography with mass selective detector for detection and quantification of chlorobenzenes, chlorotoluenes, and α-chlorinated toluenes in textile materials (fibres, yarns, fabrics), coated fabrics and plastics.

Keel: en
Alusdokumendid: prEN 17137
Asendab dokumenti: EVS-EN 17137:2018

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN ISO 20433

Leather - Tests for colour fastness - Colour fastness to crocking (ISO/DIS 20433:2023)

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

Keel: en
Alusdokumendid: ISO/DIS 20433; prEN ISO 20433
Asendab dokumenti: EVS-EN ISO 20433:2012

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN ISO 20701

Leather - Tests for colour fastness - Colour fastness to saliva (ISO/DIS 20701:2023)

ISO 20701 | IUF 427:2017 specifies a method for determining the colour fastness to saliva of all kinds of leathers, independent of the colouring procedure applied. The method uses an artificial saliva solution to simulate whether colouring materials can migrate from leather to the mouth or to the mucous membranes.

Keel: en
Alusdokumendid: ISO/DIS 20701; prEN ISO 20701
Asendab dokumenti: EVS-EN ISO 20701:2018

Arvamusküsitluse lõppkuupäev: 14.09.2023

65 PÕLLUMAJANDUS

prEN 50735-1

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Environmental aspects - Part 1: Requirements for repairability

This document provides product group specific guidance for a common understanding of measures, given by any legislation, to define product specific information on the repairability and the reuse of used parts of motor-operated hand-held tools, transportable tools, lawn and garden machinery. It is based on the following aspects: - the inherent technical possibility/features to repair a product; - the ability of the person repairing the product (skill level and tools); - the possibility to reuse used parts of a product; - the ability during repair for software updates. The decision whether a product should be repaired is dependent on a range of factors such as health and safety, intended use as well as economic, legal, and environmental aspects. However, the question of whether it is reasonable to repair the product or reuse of used parts is outside of the scope of this document. This document does not cover software (firmware and application software) or hardware modifications that change the intended use of the product. Other risks making products non-compliant with safety standards are also not covered by this document. The safety of the repairer during the repair is out of scope of this document.

Keel: en
Alusdokumendid: prEN 50735-1

Arvamusküsitluse lõppkuupäev: 14.09.2023

67 TOIDUAINETE TEHNOLOOGIA

prEN 17992

Food authenticity - Determination of the sum of 16-O-methylcafestol, 16-O-Methylkahweol and their derivatives in roasted coffee by ^{1}H-qNMR

This document specifies a method for the determination of soluble 16-O-Methylcafestol and 16-O-Methyl kahweol content (the sum of free forms and derivatives, e.g. fatty acid esters, henceforth abbreviated as 16-OMD = "diterpenes") in roasted coffee (beans or ground), using quantitative proton nuclear magnetic resonance spectroscopy (1H-qNMR). If complying with the experimental parameters described below, this test procedure has been proven for the following concentration range: 16-OMD: 20 mg/kg to 2 000 mg/kg. The concentration range can be expanded by suitable changes of the experimental parameters, e.g. a different weighed portion of ground coffee or the accumulation of more NMR-transients.

Keel: en
Alusdokumendid: prEN 17992

Arvamusküsitluse lõppkuupäev: 14.09.2023

71 KEEMILINE TEHNOLOOGIA

prEN 1017

Chemicals used for treatment of water intended for human consumption - Half-burnt dolomite

This document is applicable to half-burnt dolomite used for treatment of water intended for human consumption. It describes the characteristics of half-burnt dolomite and specifies the requirements and the corresponding test methods for half-burnt dolomite. It gives information on its use in water treatment.

Keel: en
Alusdokumendid: prEN 1017
Asendab dokumenti: EVS-EN 1017:2014+A1:2017

Arvamusküsitluse lõppkuupäev: 14.09.2023

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN ISO 18755

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of thermal diffusivity of monolithic ceramics by flash method (ISO 18755:2022)

This document specifies the test method for the determination of thermal diffusivity from room temperature to at least 1 700 K by the flash method for homogeneous monolithic ceramics with porosity less than 10 %. Flash methods, like laser flash, are applicable to homogeneous isotropic materials with thermal diffusivity values ranging from 0,1 to 1 000 mm2 s-1 within the temperature range from approximately 100 K to 2 300 K. The method described in Annex G describes how to estimate, on the basis of the thermal diffusivity test, the specific heat capacity and the thermal conductivity of homogeneous monolithic ceramics with porosity less than 10 %.

Keel: en
Alusdokumendid: ISO 18755:2022; prEN ISO 18755

Arvamusküsitluse lõppkuupäev: 14.09.2023

83 KUMMI- JA PLASTITÖÖSTUS

prEN 16916

Materials obtained from End of Life Tyres - Determination of specific requirements for sampling and determination of moisture content using the oven-dry method

This document specifies a method for determining the total moisture content of materials obtained from End of Life Tyres (ELT) by drying samples in an oven. The method is applicable to chips, granulates, powders and textile derived from the treatment of End of Life Tyres. This document is not intended for the determination of moisture content in steel wires.

Keel: en
Alusdokumendid: prEN 16916
Asendab dokumenti: CEN/TS 16916:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 11997-3

Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 3: Testing of coating systems on materials and components in automotive construction (ISO 11997-3:2022)

This document specifies a method based on a cyclic corrosion test for testing the corrosion protection of automobiles using coating systems on aluminium, steel or galvanized steel. The test method uses corrosive conditions (temperature and humidity ramps and salt spray) to create realistic corrosion patterns. These corrosion patterns are typical for automobiles, and they are comparable in the case of sufficiently similar protective coating systems. In particular, the accelerated test investigates the delamination/corrosion creep that results from defined artificial damage to a coating. Investigations of surface and edge corrosion or investigations of adhesive specimens or components are also covered. This cyclic corrosion test is also suitable for testing corrosion in flanged areas or near gaps. This document was developed for the assessment of coated substrates (test specimens, bodywork and mounted parts) in the automotive industry. Other applications, such as components with unpainted metallic coatings, were not part of the scope of the standardization work. This document was originally developed for coating systems on aluminium, steel or galvanized steel but it can also be used for the assessment of the corrosion resistance of coating systems on other metals and their alloys.

Keel: en
Alusdokumendid: ISO 11997-3:2022; prEN ISO 11997-3

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN ISO 8130-15

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

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

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

Arvamusküsitluse lõppkuupäev: 14.09.2023

91 EHITUSMATERJALID JA EHITUS

EN 1366-10:2022/prA1

Fire resistance tests for service installations - Part 10: Smoke control dampers

This document specifies test methods for smoke control dampers to assess their performance under elevated temperature or fire conditions, as well as at ambient temperatures. Smoke control damper tests are used to confirm that the furnace testing requirements of EN 12101-8 are met and EN 12101-8 is for consideration before carrying out these tests. Smoke control dampers tested to this document are expected to be classified using EN 13501-4 and this document is expected to be considered before carrying out these tests. NOTE Some smoke control dampers to be tested might require testing following the information given in EN 1366-2 and this needs consideration before carrying out testing. This document is expected to be read in conjunction with EN 12101-8, EN 13501-4, EN 1366-2 and EN 1363-1, the latter giving further details for fire resistance testing. For installation details, the requirements for smoke extraction ducts are for consideration and these are defined in EN 1366-8 and EN 1366-9.

Keel: en
Alusdokumendid: EN 1366-10:2022/prA1
Muudab dokumenti: EVS-EN 1366-10:2022

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN 817

Sanitary tapware - Mechanical mixing valves (PN 10) - General technical specifications

This document specifies: a) the field of application for mechanical mixing valves for use in a supply system of Type 1 (see Figure 1); b) the dimensional, leak tightness, pressure resistance, hydraulic performance, mechanical strength, endurance, corrosion resistance of the surface of the product, sequence of testing and acoustic characteristics with which sanitary tapware products

including their components (flexible hose, pull out spray) need to comply where applicable; c) test methods to verify the characteristics. The tests described in this document are type tests (laboratory tests) and not quality control or factory production control (FPC) tests carried out during manufacture. This document applies to draw-off taps (mechanical mixing valves) for use with sanitary appliances installed in rooms used for personal hygiene (cloakrooms, bathrooms, etc.) and for food preparation (kitchens), i.e. for use with baths, wash basins, bidets, showers and sinks. Figure 1 shows a supply system of Type 1 with a pressure range of (0,05 to 1,0) Mpa [(0,5 to 10) bar]. The conditions of use and classifications are given in Table 1.

Keel: en
Alusdokumendid: prEN 817
Asendab dokumenti: EVS-EN 817:2008

Arvamusküsitluse lõppkuupäev: 14.09.2023

prEN ISO 16890-3

Air filters for general ventilation - Part 3: Determination of the gravimetric efficiency and the air flow resistance versus the mass of test dust captured (ISO/DIS 16890-3:2023)

ISO 16890-3:2016 specifies the test equipment and the test methods used for measuring the gravimetric efficiency and resistance to air flow of air filter for general ventilation. It is intended for use in conjunction with ISO 16890-1, ISO 16890-2 and ISO 16890-4. The test method described in this part of ISO 16890 is applicable for air flow rates between 0,25 m3/s (900 m3/h, 530 ft3/min) and 1,5 m3/s (5 400 m3/h, 3 178 ft3/min), referring to a test rig with a nominal face area of 610 mm × 610 mm (24 in × 24 in). ISO 16890 (all parts) refers to particulate air filter elements for general ventilation having an ePM1 efficiency less than or equal to 99 % and an ePM10 efficiency greater than 20 % when tested as per the procedures defined within ISO 16890 (all parts). Air filter elements outside of this aerosol fraction are evaluated by other applicable test methods. See ISO 29463 (all parts). Filter elements used in portable room-air cleaners are excluded from the scope of this part of ISO 16890. The performance results obtained in accordance with ISO 16890 (all parts) cannot by themselves be quantitatively applied to predict performance in service with regard to efficiency and lifetime.

Keel: en
Alusdokumendid: ISO/DIS 16890-3; prEN ISO 16890-3
Asendab dokumenti: EVS-EN ISO 16890-3:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

prHD 60364-1:2023

Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions

The International Standards of the IEC 60364 series specifies the rules for the design, erection, and verification of low-voltage electrical installations. The rules are provided for the safety of human beings (persons), livestock and property against dangers and damage which may arise from the intended use of low-voltage electrical installations and for the proper functioning of those installations. Examples: A non-comprehensive list of electrical installations or systems includes: – residential premises; – commercial premises; – public premises; – industrial premises; – agricultural and horticultural premises; – prefabricated buildings; – caravans, caravan sites and similar sites; – construction sites, exhibitions, fairs and other installations for temporary purposes; – marinas; – external lighting and similar installations; – medical locations; – mobile or transportable units; – photovoltaic systems; – stationary secondary batteries; – low-voltage generating sets. NOTE 1 “Premises” covers the land and all facilities including buildings belonging to it.

Keel: en
Alusdokumendid: 64/2627/CDV; prHD 60364-1:2023
Asendab dokumenti: EVS-HD 60364-1:2008
Asendab dokumenti: EVS-HD 60364-1:2008/A11:2017
Asendab dokumenti: EVS-HD 60364-1:2008+A11:2017

Arvamusküsitluse lõppkuupäev: 14.09.2023

prHD 60364-7-712:2023

Low voltage electrical installations - Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems

This part of IEC 60364 applies to the electrical installation of PV systems. The equipment of a PV system, like any other item of equipment, is dealt with only so far as its selection and application in the installation is concerned. A PV installation comprises of all equipment from PV modules(s) up to the connection point to other parts of the installation e.g. a distribution board or the utility supply point (point of connection). It may include requirements on electrical installation resulting from the installation of PV power supply installations. Requirements are included relating to the possible installation of energy storage sy stems (e.g. batteries). Requirements are also included for PV installations for island mode operation described in IEC 60364-8-82. NOTE 1 The abbreviation “PV” is used for “Photovoltaic”. Photovoltaic installations are, hereafter, known as PV installations. NOTE 2 Additional requirements for PV system floating on water are under development. See Bibliography.

Keel: en
Alusdokumendid: 64/2628/CDV; prHD 60364-7-712:2023
Asendab dokumenti: EVS-HD 60364-7-712:2016

Arvamusküsitluse lõppkuupäev: 14.09.2023

97 OLME. MEELELAHUTUS. SPORT

prEN 16141

Conservation of cultural heritage - Guidelines for management of environmental conditions - Open storage facilities: definitions and characteristics of collection centres dedicated to the preservation and management of cultural heritage

This document defines the functions and characteristics of open storage facilities (collection centres). These can be independent or integrated into cultural institutions. They are dedicated to the preservation, storage, management of, and access to, collections. NOTE For the infrastructure and technical equipment of these open storage facilities, see EN 16893:2018.

Keel: en
Alusdokumendid: prEN 16141
Asendab dokumenti: EVS-EN 16141:2012

Arvamusküsitluse lõppkuupäev: 14.09.2023

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.

EVS-EN ISO 13849-1:2023

Masinate ohutus. Juhtimissüsteemide ohutusega seotud osad. Osa 1: Kavandamise üldpõhimõtted

See dokument määratleb metoodika ning esitab ohutusfunktsioone täitvate juhtimissüsteemide ohutusega seotud osade (SRP/CS) kavandamiseks ja integreerimiseks vajalikud nõuded, soovitused ja juhised, sealhulgas tarkvara kavandamiseks. Seda dokumenti kohaldatakse suure nõutavuse ja pidevate töörežiimide SRP/CS-ile, sealhulgas nende alamsüsteemidele, olenemata tehnoloogia ja energia liigist (nt elektrilised, hüdraulilised, pneumaatilised ja mehaanilised). Dokument ei kohaldu väikese nõutavusega töörežiimile. MÄRKUS 1 Väikese nõutavusega töörežiimi kohta vt jaotist 3.1.44 ja standardisarja IEC 61508. Selles dokumendis ei täpsustata konkreetsetes rakendustes kasutatavaid ohutusfunktsioone ega nõutavaid toimivustasemeid (PLr). MÄRKUS 2 Selles dokumendis määratletakse SRP/CS-i kavandamise metoodikat, arvesse võtmata seda, kui teatud masinatel (nt liikurmasinatel) on erinõuded. Neid erinõudeid võib käsitleda C-liigi standardis. Selles dokumendis ei esitata erinõudeid SRP/CS-i osaks olevate toodete/komponentide kavandamiseks. Teatud SRP/CS-i komponentide kavandamise erinõuded on hõlmatud kohaldatavate ISO ja IEC standarditega. Selles dokumendis ei sätestata turvaaspektide (nt füüsiline, infoturve, küberturvalisus) erimeetmeid. MÄRKUS 3 Turvalisusega seotud probleemid võivad ohutusfunktsioone mõjutada. Lisateabe saamiseks vt ISO/TR 22100-4 ja IEC/TR 63074.

Keel: et
Alusdokumendid: ISO 13849-1:2023; EN ISO 13849-1:2023

Kommenteerimise lõppkuupäev: 15.08.2023

EVS-EN ISO 8769:2022

Radioaktiivsuse mõõtmine. Alfa-, beeta- ja footonkiirgusega radionukliidid. Pindsaastemonitoride kalibreerimise tugietalonide kirjeldused

Selles dokumendis kirjeldatakse radioaktiivse pindsaastumuse, mis on jälgitav kuni riiklike etalonideni, tugietalonide karakteristikuid pindsaastemonitoride kalibreerimiseks. See dokument käsitleb alfakiirgureid, beetakiirgureid ja footonkiigureid footonite maksimaalse energiaga mitte üle 1,5 MeV. Siin ei kirjeldata protseduure, mis on seotud nende tugietalonide kasutamisega pindsaastemonitoride kalibreerimisel. Neid protseduure kirjeldatakse standardites IEC 60325[6], IEC 62363[7] ja muudes dokumentides. MÄRKUS Kuna mõned pakutud footonetalonid sisaldavad filtreid, tuleks footonetaloni pidada konkreetse energiavahemiku footonite tugietaloniks, aga mitte konkreetse radionukliidi tugietaloniks. Näiteks allikas Am-241 koos soovitatava filtratsiooniga ei kiirga pinnalt selle nukliidi lagunemisega seotud alfaosakesi ega karakteristlikke madala energiaga L-röntgenfootoneid. See kavandatakse tugietaloniks, mis kiirgab footoneid keskmise energiaga ligikaudu 60 keV. Siinses dokumendis täpsustatakse ka eelistatavaid tugikiirgusi pindsaastemonitoride kalibreerimisel. Need tugikiirgused realiseeruvad küllaldaselt iseloomustatud suure pindalaga allikate kaudu, mis määratletakse eranditult kuni riiklike etalonideni jälgitavate pindemissioonikiiruse ja aktiivsuse järgi.

Keel: et
Alusdokumendid: ISO 8769:2020; EN ISO 8769:2022

Kommenteerimise lõppkuupäev: 15.08.2023

prEN 1176-10

Mänguväljaku seadmed ja aluspind. Osa 10: Täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid täielikult piiratud mänguseadmetele

See dokument on rakendatav täielikult piiratud mänguseadmetele, mis on mõeldud paigaldamiseks hoonetes ja väljaspool neid lastele vanuses kuni 14 eluaastat, vaata jaotist 3.1. Selle dokumendi eesmärk on anda täiendavad ohutusnõuded, mis kataksid selliseid konstruktsioonide eriomadusi.

Keel: et
Alusdokumendid: prEN 1176-10

Kommenteerimise lõppkuupäev: 15.08.2023

prEN IEC 62208:2022

Tühjad ümbrised madalpinge lülitus- ja juhtaparaadikoostetele. Üldnõuded

Käesolev dokument kehtib ümbrise tootja poolt esitatud tühjade ümbriste kohta, enne lülitus- ja juhtaparaatide komponentide paigaldamist kooste tootja poolt. See dokument määrab kindlaks lülitus- ja juhtaparatuuri osana kasutatavate ümbriste üldised määratlused, liigitused, omadused ja katsetusnõuded (nt vastavalt IEC 61439 sarja tootestandarditele), kui nende nimipinge ei ületa 1000 V vahelduvvoolu või 1500 V alalisvoolu korral ja need sobivad üldkasutuseks nii sise- kui ka välisoludes. MÄRKUS 1 Teatud rakenduste puhul võivad kehtida lisanõuded. MÄRKUS 2 Sellele dokumendile vastavad tühjad ümbrised sobivad elektriliste komponentide paigaldamiseks. See dokument ei kehti ümbriste kohta, mida hõlmavad muud spetsiifilised

tootestandardid (nt IEC 60670-24). Tühja ümbrise abil toodetud lõpptoote puhul vastutab kehtiva tootestandardi ohutusnõuete järgimise eest kooste tootja. MÄRKUS 3 See standard võib pakkuda aluspõhimõtteid teistele tehnilistele komiteedele.

Keel: et
Alusdokumendid: 121B/157/CDV; prEN IEC 62208:2022

Kommenteerimise lõppkuupäev: 15.08.2023

prEVS-ISO 10359-1

Vee kvaliteet. Fluoriidi määramine. Osa 1: Elektrokeemiline meetod joogivee ja kergelt saastunud vee analüüsiks

See ISO 10359 osa kirjeldab meetodit lahustunud fluoriidi määramiseks magedas, joogi- ja kergelt saastunud vees ning mõnes pinnavees, kasutades elektrokeemilist tehnikat. Meetod sobib fluoriidi kontsentratsiooni otsemõõtmiseks vahemikus 0,2 mg/1 kuni 2,0 g/l. Pärast teadaoleva koguse fluoriidi lisamist võib määrata nii madalaid kontsentratsioone kui 0,02 mg/l (vt jaotis 7.3). Meetod ei sobi reovete ja tööstuslike heitvete jaoks; seda määramist käsitleb ISO 10359-2.

Keel: et
Alusdokumendid: ISO 10359-1:1992

Kommenteerimise lõppkuupäev: 15.08.2023

prEVS-ISO 9297

Vee kvaliteet. Kloriidi määramine. Tiitrimine hõbenitraadiga kromaatindikaatori juuresolekul (Mohri meetod)

See rahvusvaheline standard kirjeldab titrimeetrilist meetodit lahustunud kloriidi määramiseks vees. Meetod on rakendatav lahustunud kloriidi otsemääramiseks kontsentratsioonides vahemikus 5 mg/l kuni 150 mg/l. Töövahemikku võib suurendada kuni 400 mg/l, kasutades suurema mahutavusega büretti või proovi lahjendamist. Paljude segavate mõjude tõttu ei ole meetod rakendatav tugevalt saastunud madala kloriidisisaldusega vee korral.

Keel: et
Alusdokumendid: ISO 9297:1989

Kommenteerimise lõppkuupäev: 15.08.2023

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Allpool on toodud teave eelmise EVS Teataja avaldamise järel Eesti Standardimis- ja Akrediteerimiskeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlusettepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

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

EVS 935-1:2017/prA1

Jalakäijate ülekäiguradade valgustamine lisavalgustusega. Osa 1: Kvaliteedi üldnäitajad ja juhisväärtused
Lighting of pedestrian crossings with additional lighting - Part 1: General quality characteristics and guide values

Standardi EVS 935-1:2017 muudatus

Muudab dokumenti: EVS 935-1:2017
Koostamisettepaneku esitaja: EVS/TK 24

EVS 935-2:2017/prA1

Jalakäijate ülekäiguradade valgustamine lisavalgustusega. Osa 2: Arvutamine ja mõõtmine
Lighting of pedestrian crossings with additional lighting - Part 2: Calculation and measurement

Standardi EVS 935-2:2017 muudatus

Muudab dokumenti: EVS 935-2:2017
Koostamisettepaneku esitaja: EVS/TK 24

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 12596:2023

Bitumen and bituminous binders - Determination of dynamic viscosity by vacuum capillary

Eeldatav avaldamise aeg Eesti standardina 09.2023

EN 50110-1:2023

Operation of electrical installations - Part 1: General requirements

Eeldatav avaldamise aeg Eesti standardina 01.2024

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 13941-1:2019+A1:2021

Kaugküttetorud. Soojusisoleeritud konsolideeritud üksik- ja kaksiktorusüsteemide projekteerimine ja paigaldamine vahetult maasse paigaldatud soojaveevõrkudele. Osa 1: Projekteerimine

District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 1: Design

Selles dokumendis täpsustatakse tehases valmistatud soojusisoleeritud konsolideeritud üksik- ja kaksiktorusüsteemide projekteerimise, arvutamise ja paigaldamise nõuded maasse paigaldatud soojaveevõrkudele, mis on ette nähtud pidevaks tööks puhastatud veega erinevatel temperatuuridel kuni 120 °C ja lühiajaliselt tipptemperatuuridel kuni 140 °C kuni 300 tundi aastas ja maksimaalsel siserõhul 2,5 MPa. Standardisarja EN 15632 kohased painduvad torusüsteemid ei kuulu selle standardi käsitlusalasse. Standardisari EN 13941 pealkirjaga „Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks“ koosneb kahest osast: a) EN 13941-1: Design, b) EN 13941-2: Installation. Selles osas (EN 13941-1) esitatud nõuded ühtivad standardi EN 13941-2 nõuetega. Standardi põhimõtteid võib rakendada soojusisoleeritud torusüsteemidele rõhuga üle 2,5 MPa eeldusel, et pööratakse erilist tähelepanu rõhu toimele. Naabertorud, mis pole otseselt maasse paigaldatud (nt torud kanalites, ventiilikambrites ja maapealsed teega ristumised jne), kuid kuuluvad torustiku juurde, võib projekteerida ja paigaldada selle standardi kohaselt. See dokument eeldab puhastatud vee kasutamist, mida on töödeldud veepehmenduse, demineraliseerimise, deaereerimise, kemikaalide lisamise teel või muul viisil, et vältida tõhusalt torudes sisemist korrosiooni ja setteid. MÄRKUS Lisateavet kaugküttetorustikes kasutatava vee kvaliteedi kohta vt ka [2]. See standard pole kohaldatav järgmistele üksustele: a) pumbad; b) soojusvahetid; c) veesoojendid, mahutid; d) tarbijate soojussõlmede taga olevad süsteemid.

EVS-EN 50122-3:2022

Raudteealased rakendused. Püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 3: Alalis- ja vahelduvvoolu veosüsteemide vastastikused koostoimed

Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 3: Mutual Interaction of AC and DC traction systems

Selles dokumendis määratletakse nõuded statsionaarsete paigaldiste elektriohutusega seotud kaitsemeetmetele, kui on mõistlikult tõenäoline, et vahelduv- ja alalisvoolu elekterveotoitesüsteemide vastastikuse koostoime tagajärjel tekivad inimestele või seadmetele ohtlikud pinged või voolud. Peale selle kehtib see ka kõikidele aspektidele püsipaigaldistel, mis on vajalikud elektriohutuse tagamiseks hooldustöödel elekterveotoitesüsteemides. Vastastikuse koostoime liigid võivad olla järgmised: — vahelduv- ja alalisvoolu elekterveotoitesüsteemide paralleelne kasutamine; — vahelduv- ja alalisvoolu elekterveotoitesüsteemide ristumine; — rööbaste, hoonete või muude rajatiste ühiskasutus; — vahelduvvoolu ja alalisvoolu elekterveotoitesüsteemide vahelised süsteemide eraldamise sektsioonid. Käsitlusala piirdub põhisageduslike pingete ja voolude galvaanilise, induktiivse ja mahtuvusliku sidumisega ning nende superpositsiooniga. See dokument kehtib kõikide uute liinide, laienduste ja olemasolevate liinide kõikidele olulistele muudatustele järgmiste elekterveotoitesüsteemide korral: a) raudteed; b) juhitavad ühistranspordi süsteemid, näiteks 1) trammiteed, 2) kõrgendatud ja maa-alused raudteed, 3) mägiraudteed, 4) magnetlevitatsiooni süsteemid, milles kasutatakse kontaktliini süsteemi, 5) trollibussi süsteemid ja 6) maanteesõidukite elektrilised veojõu toitesüsteemid, milles kasutatakse kontaktõhuliini süsteemi; c) materjalide transpordisüsteemid. Dokument ei kehti järgmistel juhtudel: a) allmaakaevanduste elekterveotoitesüsteemid; b) kraanad, teisaldatavad platvormid ja sarnased rööbastel transpordiseadmed, ajutised konstruktsioonid (nt näituserajatised), kuivõrd neid ei varustata kontaktliini süsteemist otse või trafode kaudu ja neid ei ohusta raudteede elekterveotoitesüsteem; c) rippuvad köisraudteed; d) köisraudteed; e) hoolduse korrad või eeskirjad. Selles dokumendis esitatud eeskirju võib rakendada ka elektrifitseerimata rööbasteede vastastikusele koostoimele, juhul kui vahelduv- või alalisvoolu elekterveotoitesüsteemidest võivad tekkida ohtlikud pinged või voolud.

EVS-EN ISO 15083:2020/A1:2022

Väikelaevad. Pilsi pumbasüsteemid. Muudatus 1

Small craft - Bilge-pumping systems - Amendment 1 (ISO 15083:2020/Amd 1:2022)

Standardi EN ISO 15083:2020 muudatus

EVS-EN ISO 15083:2020/A11:2023

Väikelaevad. Pilsi pumbasüsteemid

Small craft - Bilge-pumping systems

Standardi EN ISO 15083:2020 muudatus

EVS-EN ISO 15083:2020+A1+A11:2023

Väikelaevad. Pilsi pumbasüsteemid

Small craft - Bilge-pumping systems (ISO 15083:2020 + ISO 15083:2020/Amd 1:2022)

Selles dokumendis täpsustatakse nõuded pumpamisele või alternatiivsetele vahenditele, mis on ette nähtud normaalselt kogunenud pilsivee eemaldamiseks väikelaevadelt, mille kerepikkus LH, nagu on standardis !ISO 8666:2020" määratletud, on

kuni 24 m. Selles dokumendis pole sätestatud nõudeid pilsipumpadele või pilsi pumbasüsteemidele, mis on ette nähtud kahjustuste kontrollimiseks.

EVS-ISO 15553:2023

Vee kvaliteet. Veest Cryptosporidium'i ootsüstide ja Giardia tsüstide isoleerimine ning identifitseerimine

Water quality - Isolation and identification of Cryptosporidium oocysts and Giardia cysts from water (ISO 15553:2006, identical)

See rahvusvaheline standard täpsustab meetodi, mis on rakendatav Cryptosporidium'i ootsüstide ja Giardia tsüstide avastamiseks ja loendamiseks vees. See on rakendatav pinna- ja põhjavee, töödeldud vee, mineraalvee, basseini- ja puhkeveekogude vee uurimisel. See meetod ei võimalda identifitseerida liigi tasandil, päritolu peremeesliiki ega määrata võimaliku Cryptosporidium'i ootsüsti või Giardia tsüsti elujõulisust või nakkavust. Need protseduurid on mõeldud kasutamiseks kogenud analüüside tegijatele, kes on enne analüüsi alustamist edukalt läbinud pädevuse kontrollid. Lisaks peaksid selliste analüüside tegijad jätkama pädevuse demonstreerimist, kontrollides korrapäraste ajavahemike järel külviproove ja osaledes välistes kvaliteeditagamise skeemides. MÄRKUS Võib esineda Cryptosporidium'i või Giardia morfoloogiaga sarnaseid kehasid ja neid võib segi ajada ootsüstide või tsüstidega. Tulemusi tuleks tõlgendada ettevaatlikult. Kui tekib kahtlus ootsüstide või tsüstide identiteedis või kui saadakse ebatavaliselt kõrge tulemus, on soovitatav lasta alusklaase uurida teiste laborite ekspertidel, et leide kinnitada või ümber lükata.

EVS-ISO 21503:2023

Projekti-, programmi- ja portfellijuhtimine. Programmijuhtimise juhised

Project, programme and portfolio management — Guidance on programme management (ISO 21503:2022, identical)

See dokument annab juhised programmijuhtimiseks. See dokument on rakendatav igat tüüpi, sealhulgas avaliku või erasektori, igasuguse suurusega või mis tahes sektorisse kuuluvates organisatsioonides, samuti igat tüüpi programmides sõltumata nende keerukusest. See dokument annab üldised kirjeldused asjakohastest terminitest, määratlustest, kontseptsioonidest, eeldustest ja menetlustest koos rollide ja vastutusega, mis moodustavad programmijuhtimise hea tava. See dokument ei anna juhiseid protsesside, meetodite ega vahendite kohta.

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.

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 50122-3:2022	Raudteealased rakendused. Püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 3: Alalis- ja vahelduvvoolu veosüsteemide vastastikused mõjud	Raudteealased rakendused. Püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 3: Alalis- ja vahelduvvoolu veosüsteemide vastastikused koostoimed

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 13941-1:2019+A1:2021	District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 1: Design	Kaugküttetorud. Soojusisoleeritud konsolideeritud üksik- ja kaksiktorusüsteemide projekteerimine ja paigaldamine vahetult maasse paigaldatud soojaveevõrkudele. Osa 1: Projekteerimine

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 kor-ral eeldatakse, et standardi kohaselt valmistatud toode täidab õigusakti olulisi nõudeid, mis on nende standarditega hõlmatud, 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 sellest tulenevalt 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 2017/745
Meditsiiniseadmed
(Rakendusotsus (EL) 2023/1410, EL Teataja 2023/L 170)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN ISO 10993-10:2023 Meditsiiniseadmete bioloogiline hindamine. Osa 10: Naha sensibiliseerimise katsed	05.07.2023		
EVS-EN ISO 25424:2019/A1:2022 Tervishoiutoodete steriliseerimine. Madalatemperatuurne aur ja formaldehüüd. Nõuded meditsiiniseadme steriliseerimisprotsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks. Muudatus 1	05.07.2023		
EVS-EN ISO 25424:2019+A1:2022 Tervishoiutoodete steriliseerimine. Madalatemperatuurne aur ja formaldehüüd. Nõuded meditsiiniseadme steriliseerimisprotsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks	05.07.2023		

Direktiiv 2017/746
In vitro diagnostikameditsiiniseadmed
(Rakendusotsus (EL) 2023/1411, EL Teataja 2023/L 170)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN ISO 25424:2019/A1:2022 Tervishoiutoodete steriliseerimine. Madalatemperatuurne aur ja formaldehüüd. Nõuded meditsiiniseadme steriliseerimisprotsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks. Muudatus 1	05.07.2023		
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