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

CEN ISO/TR 41013:2021

Facility management - Scope, key concepts and benefits (ISO/TR 41013:2017)

ISO/TR 41013:2017 outlines the scope, key concepts and benefits of facility management (FM) and provides a context for the use and application of the terms defined in ISO 41011.

Keel: en
Alusdokumendid: ISO/TR 41013:2017; CEN ISO/TR 41013:2021

EVS-EN ISO 14819-2:2021

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 2: Event and information codes for Radio Data System-Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2021)

ISO 14819-1 describes the ALERT-C protocol concept and message structure used to achieve densely coded messages to be carried in the RDS-TMC feature. This document specifies the 'Events List' to be used in coding those messages.

Keel: en
Alusdokumendid: ISO 14819-2:2021; EN ISO 14819-2:2021
Asendab dokumenti: EVS-EN ISO 14819-2:2013

EVS-EN ISO 14819-3:2021

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 3: Location referencing for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2021)

This document specifies location referencing rules to address the specific requirements of Traffic Message Channel (TMC) systems, which use abbreviated coding formats to provide traffic and travel information (TTI) messages over mobile bearers (e.g. GMS, DAB) or via exchange protocols like DATEX II. In particular, the rules address the Radio Data System-Traffic Message Channel (RDS-TMC), a means of providing digitally-coded TTI to travellers using a silent data channel on FM radio stations, based on the ALERT-C protocol.

Keel: en
Alusdokumendid: ISO 14819-3:2021; EN ISO 14819-3:2021
Asendab dokumenti: EVS-EN ISO 14819-3:2013

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 17559:2021

Algae and algae products - Food and feed applications: General overview of limits, procedures and analytical methods

This Technical Report describes quality designations and indications for algae and directly derived products from algae production required for or by food/feed/nutraceuticals/animal food producers and industry. This TR does not apply to pharmacuetical, cosmetics and chemical applications. Note: This TR does not provide instructions on existing handling of technical requirements in existing legislations.

Keel: en
Alusdokumendid: CEN/TR 17559:2021

CEN/TS 17551:2021

Fixed firefighting systems - Automatic sprinkler systems - Guidance for earthquake bracing

This document specifies requirements for earthquake protection of automatic sprinkler systems in accordance with EN 12845. This document applies only to locations in earthquake zones in accordance to EN 1998-1:2004, 3.2.11 and for area subject to peak ground acceleration above 9 % of g. This document does not cover all legislative requirements. In certain countries specific national regulations apply and take precedence over this document. Users of this document are advised to inform themselves of the applicability or non-applicability for this document by their national responsible authorities.

Keel: en
Alusdokumendid: CEN/TS 17551:2021

CLC/TS 50131-5-1:2021

Alarm systems - Intrusion systems - Part 5-1: Interconnections - Requirements for wired Interconnection for I&HAS equipments located in supervised premises

This document applies to interconnections between intrusion and hold-up alarm system components using specific or non-specific wired interconnections (e.g. between SPT and CIE). The interconnected components are located within the supervised premises, or mounted on the outside of the supervised premises (e.g. external warning devices). This document does not apply to interconnections between components located within the same enclosure, or to interconnections between parts of an I&HAS component if covered by the relevant product standard. This document does not define the physical requirements of the interconnection media. This document is expected to be used in conjunction with the other parts of the EN 50131 series that define the functional requirements of the equipment regardless of the interconnection technique used. Where monitoring of the functionality of the interconnections is undertaken by an interconnected component, this is defined in the relevant product standard in the EN 50131 series. If a component standard indicates that an interconnection will be monitored, then this document determines the monitored conditions applicable to the interconnection. NOTE 1 For example, if there is no requirement in a detector standard to monitor a remote indication of detection input, this document does not apply to that particular interconnection. Requirements for the monitoring of the functionality of power connections between I&HAS components are defined in the relevant product standard and are not included within this document. This document defines the terms used in the field of intrusion and hold-up alarm equipment using such interconnections and includes the requirements relevant to the equipment interfaces. Wired interconnection media can include metallic single stranded insulated cable, metallic multi-stranded insulated cable, and fibre optic cable. These cables can comprise single or multiple cores. NOTE 2 Interconnections using RF techniques (i.e. wire free interconnections) are dealt with by EN 50131-5-3.

Keel: en
Alusdokumendid: CLC/TS 50131-5-1:2021

CWA 17663:2021

Measurement of Worker Satisfaction in Automated Systems - Methodology CEN Workshop Agreement

This CWA sets out guidance for the application of a systematic and reliable methodology which may be used to develop bespoke worker satisfaction (3.7) measurement tools for automated work systems (3.1) design. In doing so, it aims to promote the availability and consistency of robust psychometric (3.5) measurement tools for the design of future manufacturing systems in order to enhance worker satisfaction and, in turn, wider workforce wellbeing and performance outcomes. It does not advocate a single satisfaction measurement tool, because no single measure is universally applicable across different contexts. The methodology described in this CWA document focuses on worker satisfaction measurement but, as it is based on social science principles for psychometric tool development, is transferable to the development of psychometric measures for measurement of other latent psychological variables (3.4) and other contexts. The document offers a methodology for assessing psychosocial impacts of automation/human-robot cell design which is independent from risk assessment but could be used to support it. The methodology is not mandatory for a PSR-related workplace design or companies OSH-prevention policies.

Keel: en
Alusdokumendid: CWA 17663:2021

EVS-EN 143:2021

Hingamisteede kaitsevahendid. Osakeste filtrid. Nõuded, katsetamine, märgistus
Respiratory protective devices - Particle filters - Requirements, testing, marking

This document specifies particle filters for use as replaceable components in unassisted respiratory protective devices (RPD) with the exception of escape devices and filtering face pieces. Laboratory tests are included for the assessment of compliance with the requirements. Some filters complying with this document can also be suitable for use with other types of respiratory protective devices and/or escape devices. If so, they need to be tested and marked according to the appropriate European Standard. This document does not cover requirements concerning respiratory hygiene. Requirements for decrease of the microbiological hazards caused by the growth of bacteria and viruses on the filtration material are not determined.

Keel: en
Alusdokumendid: EN 143:2021
Asendab dokumenti: EVS-EN 143:2000
Asendab dokumenti: EVS-EN 143:2000/A1:2006

EVS-EN 14387:2021

Hingamisteede kaitsevahendid. Gaasifilter (-filtrid) ja kombineeritud filter (filtrid). Nõuded, katsetamine, märgistus
Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking

This document refers to gas filters and combined filters for use as replaceable components in unassisted respiratory protective devices (RPD) with the exception of escape devices. Filters for use against CO are excluded from this document. Laboratory tests are included for the assessment of compliance with the requirements. Some filters complying with this document can also be suitable for use with assisted respiratory protective devices and/or escape devices. If so they need to be tested and marked in accordance with the appropriate European Standard.

Keel: en
Alusdokumendid: EN 14387:2021
Asendab dokumenti: EVS-EN 14387:2004+A1:2008

EVS-EN 14972-1:2021

Paiksed tulekustutussüsteemid. Veeudusüsteemid. Osa 1: Ehitus, paigaldamine, kontroll ja hooldus

Fixed firefighting systems - Water mist systems - Part 1: Design, installation, inspection and maintenance

Selles dokumendis täpsustatakse nõudeid ja antakse soovitusi igat tüüpi paiksete maapealsete veeudusüsteemide projekteerimiseks, paigaldamiseks, kontrollimiseks ja hooldamiseks. See dokument on ette nähtud kasutamiseks veeudu automaatsete pihustisüsteemide ja üleujutavate veeudusüsteemide puhul, mida pakuvad eraldiseisvad või pumbaga varustatud süsteemid. Dokumendis käsitletakse üksnes standardisarja EN 14972 tulekindluskatse protokollidega hõlmatud rakendusi ja kohti. See dokument ei hõlma veeudu aspekte, mis on seotud plahvatuskaitse ja/või sõidukisisese kasutamisega. See dokument ei hõlma kõiki õigusaktidest tulenevaid nõudeid. Mõnes riigis rakenduvad kindlad riigisisesed eeskirjad, mis on sellest dokumendist tähtsamad. EE MÄRKUS Eestikeelses standardis on selle lõigu tõlget korrigeeritud. (Tõlkimata on jäänud selle lõigu viimane lause Users of this document are advised to inform themselves of the applicability or non-applicability for this document by their national responsible authorities.) Selle dokumendi kohaldatavus on Eestis reguleeritud õigusaktidega, kus esitatakse nõue ehitisse paigaldada kustutussüsteem.

Keel: en, et
Alusdokumendid: EN 14972-1:2020
Asendab dokumenti: CEN/TS 14972:2011

EVS-EN 16429:2021

Stationary source emissions - Reference method for the determination of the concentration of gaseous hydrogen chloride (HCl) in waste gases emitted by industrial installations into the atmosphere

This document specifies the standard reference method (SRM) based on an automatic method for determination of the mass concentration of hydrogen chloride (HCl) in ducts and stacks emitting to the atmosphere. It describes the sampling and gas conditioning system. This document specifies the characteristics to be determined and the performance criteria to be fulfilled by portable automated measuring systems (P-AMS) using the infrared measurement method. It applies for periodic monitoring and for the calibration or control of automated measuring systems (AMS) permanently installed on a stack, for regulatory or other purposes. The infrared measurement method described in this document can be used as a SRM, provided the expanded uncertainty of the method is less than 20 % relative at the daily Emission Limit Value (ELV), or 1 mg/m3 for ELV below 5 mg/m3, and the criteria associated to performance characteristics described in EN 15267-4 for portable automated measuring systems (P-AMS), are fulfilled. This document specifies criteria for demonstration of equivalence of an alternative method (AM) to the SRM by application of EN 14793.

Keel: en
Alusdokumendid: EN 16429:2021
Asendab dokumenti: CEN/TS 16429:2013

EVS-EN 17450-1:2021

Fixed firefighting systems - Water mist components - Part 1: Product characteristics and test methods for strainer and filter components

This document specifies product characteristics and test methods for strainer and filter components for water supply connections and pipe work in water mist systems. This document is applicable to strainers and filters with filtration grades up to 6 mm.

Keel: en
Alusdokumendid: EN 17450-1:2021

EVS-EN ISO 14091:2021

Adaptation to climate change - Guidelines on vulnerability, impacts and risk assessment (ISO 14091:2021)

This document gives guidelines for assessing the risks related to the potential impacts of climate change. It describes how to understand vulnerability and how to develop and implement a sound risk assessment in the context of climate change. It can be used for assessing both present and future climate change risks. Risk assessment according to this document provides a basis for climate change adaptation planning, implementation, and monitoring and evaluation for any organization, regardless of size, type and nature.

Keel: en
Alusdokumendid: ISO 14091:2021; EN ISO 14091:2021

EVS-EN ISO 14644-17:2021

Cleanrooms and associated controlled environments - Part 17: Particle deposition rate applications (ISO 14644-17:2021)

This document gives direction on the interpretation and application of the results of the measurement of particle deposition rate on one or more vulnerable surfaces in a cleanroom as part of a contamination control programme. It provides some instructions on how to influence the particle deposition rate and reduce the risk of particle contamination on vulnerable surfaces. This document gives information on how a cleanroom user can use the particle deposition rate measurements to determine limits that can be set for macroparticles on vulnerable surfaces. It also gives a risk assessment method by which an acceptable risk of deposition of particles onto vulnerable surfaces in a cleanroom can be established and, when this is not achieved, methods that can be used to reduce the particle deposition rate. An alternative to the particle deposition rate is the particle obscuration rate which determines the rate of increase of coverage of particles onto an area of surface over time. The particle obscuration rate can be used in an analogous way to the particle deposition rate and the required particle obscuration rate for a specified surface can be calculated and the risk from deposited particles reduced. This document does not: — provide a method to

classify a cleanroom with respect to particle deposition rate or particle obscuration rate; — directly consider the deposition of microbe-carrying particles, although they can be treated as particles; — give any consideration to surface deposition by contact as, for example, when personnel touch a product and contamination is transferred.

Keel: en
Alusdokumendid: ISO 14644-17:2021; EN ISO 14644-17:2021

EVS-EN ISO 19918:2017/A1:2021

Protective clothing - Protection against chemicals - Measurement of cumulative permeation of chemicals with low vapour pressure through materials - Amendment 1: Extraction and chemical analysis (ISO 19918:2017/Amd 1:2021)

Amendment to EN ISO 19918:2017

Keel: en
Alusdokumendid: ISO 19918:2017/Amd 1:2021; EN ISO 19918:2017/A1:2021
Muudab dokumenti: EVS-EN ISO 19918:2017

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 61189-5-501:2021

Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-501: General test methods for materials and assemblies - Surface insulation resistance (SIR) testing of solder fluxes

IEC 61189-5-501:2021 is used to quantify the deleterious effects of flux residues on surface insulation resistance (SIR) in the presence of moisture.

Keel: en
Alusdokumendid: IEC 61189-5-501:2021; EN IEC 61189-5-501:2021

EVS-EN ISO 22081:2021

Geometrical product specifications (GPS) - Geometrical tolerancing - General geometrical specifications and general size specifications (ISO 22081:2021)

This document gives the rules of definition and interpretation of general specifications defined according to ISO 8015 (general tolerancing) applicable on the whole workpiece. The general specifications can be applied to integral surfaces only, i.e. integral lines are excluded. The general geometrical and dimensional specifications defined in this document applies to the following: - for dimensional specifications: - for features of size: - linear size (±) (according to ISO 14405-1); - angular size (±)(according to ISO 14405-3); - for geometrical specifications: - for integral features: - geometrical specifications with the characteristic surface profile (⌓).

Keel: en
Alusdokumendid: ISO 22081:2021; EN ISO 22081:2021
Asendab dokumenti: EVS-EN 22768-2:2007

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13480-3:2017/A1:2021

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

This Part of this European Standard specifies the design and calculation of industrial metallic piping systems, including supports, covered by EN 13480.

Keel: en
Alusdokumendid: EN 13480-3:2017/A1:2021
Muudab dokumenti: EVS-EN 13480-3:2017
Muudab dokumenti: EVS-EN 13480-3:2017+A2+A3:2020

EVS-EN 13480-3:2017+A2+A3+A1:2021

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

This Part of this European Standard specifies the design and calculation of industrial metallic piping systems, including supports, covered by EN 13480.

Keel: en
Alusdokumendid: EN 13480-3:2017; EN 13480-3:2017/A2:2020; EN 13480-3:2017/A3:2020; EN 13480-3:2017/A1:2021
Konsolideerib dokumenti: EVS-EN 13480-3:2017
Konsolideerib dokumenti: EVS-EN 13480-3:2017/A1:2021
Konsolideerib dokumenti: EVS-EN 13480-3:2017/A2:2020
Konsolideerib dokumenti: EVS-EN 13480-3:2017/A3:2020
Konsolideerib dokumenti: EVS-EN 13480-3:2017+A2+A3:2020

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 10225:2021

Gas welding equipment - Marking for equipment used for gas welding, cutting and allied processes (ISO 10225:2013)

ISO 10225:2013 specifies the gas letter code to be used for marking the equipment for gas welding, cutting and allied processes, when the full name of the gas cannot be used.

Keel: en
Alusdokumendid: ISO 10225:2013; EN ISO 10225:2021

EVS-EN ISO 11127-1:2021

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 1: Sampling (ISO 11127-1:2020)

This document specifies a method for the sampling of non-metallic blast-cleaning abrasives from consignments and for the subdivision of the sample into quantities suitable for undertaking the appropriate test methods specified in ISO 11127-2, ISO 11127-3, ISO 11127-4, ISO 11127-5, ISO 11127-6 and ISO 11127-7. This document is a part of the ISO 11127 series dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements for each are contained in the ISO 11126 series. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex B.

Keel: en
Alusdokumendid: ISO 11127-1:2020; EN ISO 11127-1:2021
Asendab dokumenti: EVS-EN ISO 11127-1:2011

EVS-EN ISO 11127-2:2021

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 2: Determination of particle size distribution (ISO 11127-2:2021)

This document specifies a method for the determination of the particle size distribution of non-metallic blast-cleaning abrasives by sieving. This document is a part of the ISO 11127 series dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements for each are contained in the ISO 11126 series. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en
Alusdokumendid: ISO 11127-2:2020; EN ISO 11127-2:2021
Asendab dokumenti: EVS-EN ISO 11127-2:2011

EVS-EN ISO 11127-3:2021

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 3: Determination of apparent density (ISO 11127-3:2021)

This document specifies a method for the determination of the apparent density of non-metallic blast-cleaning abrasives. This document is a part of the ISO 11127 series dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements for each are contained in the ISO 11126 series. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en
Alusdokumendid: ISO 11127-3:2020; EN ISO 11127-3:2021
Asendab dokumenti: EVS-EN ISO 11127-3:2011

EVS-EN ISO 11127-5:2021

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 5: Determination of moisture (ISO 11127-5:2020)

This document specifies a method for the determination of the level of free moisture present in non-metallic blast-cleaning abrasives. It is determined by measuring the mass lost on heating. This document is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in the ISO 11126 series. The ISO 11126 series and the ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

Keel: en
Alusdokumendid: ISO 11127-5:2020; EN ISO 11127-5:2021
Asendab dokumenti: EVS-EN ISO 11127-5:2011

EVS-EN ISO 22826:2021

Destructive tests on welds in metallic materials - Hardness testing of narrow joints welded by laser and electron beam (Vickers and Knoop hardness tests) (ISO 22826:2005)

ISO 22826:2005 specifies the requirements for hardness testing of transverse sections of narrow laser and electron beam welded joints in metallic materials. It covers Vickers and Knoop hardness tests in accordance with ISO 6507-1 and ISO 4545, respectively, with test forces of 0,098 N to just under 98 N (HV 0,01 to just under HV 10) for the Vickers hardness test and test forces up to and including 9,8 N (just under HK 1) for the Knoop hardness test. It is applicable to welds made with or without filler wire. It may not be applicable to the testing of wider hybrid laser/arc welds.

Keel: en
Alusdokumendid: ISO 22826:2005; EN ISO 22826:2021

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN ISO 17225-4:2021

Tahked biokütused. Kütuste spetsifikatsioonid ja klassid. Osa 4: Klassifitseeritud hakkpuit Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2021)

See dokument määrab kindlaks klassifitseeritud hakkpuidu kütuse kvaliteediklassid ja spetsifikatsioonid. Dokument hõlmab üksnes järgmistest toorainetest toodetud hakkpuitu (vt ISO 17225-1:2021, tabel 1): • 1.1 Mets, istandikud ja muu töötlemata (esmane) puit; • 1.2 Puidutöötlemistööstuse kõrvalsaadused ja jäägid (jäätmed); • 1.3.1 Keemiliselt töötlemata kasutatud puit. See dokument hõlmab üksnes hakkpuitu, mis on toodetud teravate tööriistadega, ega hõlma purustatud puitkütust, mida toodetakse nüride tööriistadega.

Keel: en, et
Alusdokumendid: EN ISO 17225-4:2021; ISO 17225-4:2021
Asendab dokumenti: EVS-EN ISO 17225-4:2014

29 ELEKTROTEHNIKA

EVS-EN IEC 60076-22-5:2021

Power transformers - Part 22-5: Power transformer and reactor fittings - Electric pumps for transformers

IEC 60076-22-5:2021 covers electric pumps used in the cooling circuits of power transformers and reactors. It applies to electric pumps mounted on liquid immersed power transformers according to IEC 60076-1 and reactors according to IEC 60076-6 with and without conservator for indoor or outdoor installation. It outlines the operation requirements for the electrical and hydraulic performance, mechanical design, routine testing and type testing. Additionally, performance and dimensions of preferred sizes of pump sets are specified in informative annexes. The pumps covered in this document are rotodynamic pumps driven by a squirrel cage induction motor that is immersed in the insulating liquid. Pump sets conforming to this document can be of in-line or end suction design.

Keel: en
Alusdokumendid: IEC 60076-22-5:2021; EN IEC 60076-22-5:2021

EVS-EN IEC 60076-22-6:2021

Power transformers - Part 22-6: Power transformer and reactor fittings - Electric fans for transformers

IEC 60076-22-6:2021 covers the electric fans used in the cooling circuits of power transformers and reactors. It applies to electric fans mounted on liquid immersed power transformers according to IEC 60076-1 and reactors according to IEC 60076-6 with and without conservator for indoor or outdoor installation. It outlines the service conditions and the mechanical and electrical requirements that are common to all the equipment. The electric fans concerned by this document are of the axially operating type and are for use on liquid to air coolers and for blowing out radiators. This document also outlines the operation requirements specific to each equipment as well as the preferred dimensions relevant for interchangeability and uniform fan assembly and the type and routine tests to be performed.

Keel: en
Alusdokumendid: IEC 60076-22-6:2021; EN IEC 60076-22-6:2021

EVS-EN IEC 60305:2021

Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for AC systems - Characteristics of insulator units of the cap and pin type

IEC 60305:2021 applies to string insulator units of the cap and pin type with insulating parts of ceramic material or glass, intended for AC overhead lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz. It also applies to insulators of similar design used in substations. This document applies to string insulator units of the cap and pin type either with ball and socket couplings or with clevis and tongue couplings. This document applies to string insulator units for use on overhead lines in clean areas and polluted areas. For use in areas characterized by very heavy pollution levels and for other particular or extreme environmental conditions, it may be necessary for certain dimensions to be changed and insulator units having different creepage distances, spacing and forms may be preferred (for example, flat profile, hemispherical etc.). Insulators for use on DC systems may also need different dimensions. In any case, it is applicable that the standardized mechanical characteristics of this document and coupling sizes are retained. This fifth edition cancels and replaces the fourth edition published in 1995. This edition includes the following significant technical changes with respect to the previous edition: -

wording in Scope changed from "it is recommended" to "it is applicable"; - new normative references added; - electromechanical or mechanical failing load in Clause 4 specified; - new figures added showing profiles.

Keel: en
Alusdokumendid: IEC 60305:2021; EN IEC 60305:2021
Asendab dokumenti: EVS-EN 60305:2003

EVS-EN IEC 60433:2021

Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic insulators for AC systems - Characteristics of insulator units of the long rod type

IEC 60433:2021 is applicable to string insulator units of the long rod type with insulating parts of ceramic material intended for use in AC overhead power lines with a nominal voltage greater than 1000 V and a frequency not greater than 100 Hz. It is also applicable to insulators of similar design, used in substations. This document is applicable to ceramic string insulator units of the long rod type, either with a clevis end fitting at both ends for coupling with a tongue, or with a socket end fitting at both ends for coupling with a pin ball. The object of this document is to prescribe specified values for electrical and mechanical characteristics, and for the principal dimensions of ceramic string insulator units of the long rod type. This fourth edition cancels and replaces the third edition published in 1998. This edition includes the following significant technical changes with respect to the previous edition: - wording in Scope changed from "should" to "are intended to"; - new normative references added; - title of Clause 4 amended, new Note 4 added; - Table 1 expanded to include more specified mechanical failing loads.

Keel: en
Alusdokumendid: IEC 60433:2021; EN IEC 60433:2021
Asendab dokumenti: EVS-EN 60433:2002

EVS-EN IEC 60947-1:2021

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 1: Üldreeglid
Low-voltage switchgear and controlgear – Part 1: General rules

See dokument kehtib, kui seda nõuab asjaomane tootestandard, madalpingeliste lülitus- ja juhtimisaparaatide (edaspidi „seadmete“ või „seadiste“) kohta, mis on ette nähtud ühendamiseks vooluahelatega, mille nimipinge ei ole vahelduvvoolul üle 1000 V ega alalisvoolul üle 1500 V. See dokument sätestab madalpingeliste lülitus- ja juhtimisaparaatide üldreeglid ja ühised ohutusnõuded, sealhulgas: — määratlused; — tunnussuurused; — koos seadmetega edastatav informatsioon; — normaaltalitluse, paigaldamise ja transpordi olud ning kasutusest kõrvaldamise ja lahtimonteerimise nõuded; — konstruktsiooni- ja toimivusnõuded; — tunnusomaduste ja toimivuse kontrolli nõuded; — energiatõhususe aspektid (vt lisa V); — keskkonnaaspektid. See dokument ei kehti: — madalpingeliste lülitus- ja juhtimisaparaatide koostetele, millele rakendatakse standardisarja IEC 61439; — alumiiniumjuhtide ühendamiseks ette nähtud klemmidele; MÄRKUS Alumiiniumjuhtide klemmid tulevad arutlusele standardi järgmise redigeerimise ajal. — kasutamisel plahvatusohtlikus keskkonnas (vt standardisari IEC 60079); — funktsionaalsete ohutusrakenduste tarkvara- ja püsivaranõuete kohta (vt IEC 61508-3); — küberturbe aspektidele (vt standardisari IEC 62443).

Keel: en, et
Alusdokumendid: IEC 60947-1:2020; EN IEC 60947-1:2021
Asendab dokumenti: EVS-EN 60947-1:2008
Asendab dokumenti: EVS-EN 60947-1:2008/A1:2011
Asendab dokumenti: EVS-EN 60947-1:2008/A2:2015
Asendab dokumenti: EVS-EN 60947-1:2008+A1:2011
Asendab dokumenti: EVS-EN 60947-1:2008+A1:2011+A2:2015

EVS-EN IEC 61800-1:2021

Adjustable speed electrical power drive systems - Part 1: General requirements - Rating specifications for low voltage adjustable speed DC power drive systems

This part of IEC 61800 applies to adjustable speed electric DC power drive systems, which include semiconductor power conversion and the means for their control, protection, monitoring, measurement and the DC motors. It applies to adjustable speed electric power drive systems intended to feed DC motors from a BDM/CDM connected to line-to-line voltages up to and including 1 kV AC 50 Hz or 60 Hz and/or voltages up to and including 1,5 kV DC input side. NOTE 1 Adjustable speed electric AC power drive systems intended to feed AC motors are covered by IEC 61800-2. NOTE 2 This document can be used as a reference for adjustable speed electric power drive systems, intended to feed DC motors from a BDM/CDM connected to line-to-line voltages up to and including 1,5 kV AC, 50 Hz or 60 Hz and/or voltages up to and including 2,25 kV DC input side. Traction applications and electric vehicles are excluded from the scope of this document. This document is intended to define the following aspects of a DC power drive system (PDS): - principal parts of the PDS; - ratings and performance; - specifications for the environment in which the PDS is intended to be installed and operated; - other specifications which might be applicable when specifying a complete PDS. This document provides minimum requirements, which may be used for the development of a specification between customer and manufacturer. Compliance with this document is possible only when each topic of this document is individually specified by the customer developing specifications or by product standard committees developing product standards. For some aspects which are covered by specific PDS product standards in the IEC 61800 series, this document provides a short introduction and reference to detailed requirements in these product standards.

Keel: en
Alusdokumendid: EN IEC 61800-1:2021; IEC 61800-1:2021
Asendab dokumenti: EVS-EN 61800-1:2006

33 SIDETEHNIKA

EVS-EN 303 204 V3.1.1:2021

Andmesidevõrgu paiksed lähitoimeseadmed (SRD); Raadiosagedusalas 870 MHz kuni 876 MHz töötavad raadioseadmed võimsusega kuni 500 mW e.r.p.; Raadiospektrile juurdepääsu harmoneeritud standard

Fixed Short Range Devices (SRD) in data networks; Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW e.r.p.; Harmonised Standard for access to the radio spectrum

The present document specifies technical characteristics and methods of measurements for the following types of equipment: Type 1 equipment: SRDs in data networks: Type 1a: Terminal nodes Type 1b: Network nodes Type 1c: Network access points Type 1a terminal nodes and type 1b network nodes are fixed SRDs, operating up to 500 mW e.r.p. and with adaptive power control, which are intended to operate in association with other SRDs to form data network topologies supporting the intended application. Type 1c network access points are specific fixed SRDs, operating up to 500 mW e.r.p. and with adaptive power control, supporting interconnection of a network of SRDs with an external network or service. These radio equipment types are capable of operating in all or part of the relevant frequency bands given in Table 1. Table 1: Operating frequency bands Networked and Network Based SRD frequency bands Transmit and receive; 870,0 MHz to 874,4 MHz Type 1a, 1b, 1c equipment Transmit and receive; 874,0 MHz to 874,4 MHz; Type 1a, 1b, 1c equipment NOTE: The frequency range 870,0 MHz to 874,4 MHz is extended to 870,0 MHz to 875,6 MHz in some countries. NOTE 1: 874,0 MHz - 874,4 MHz is a harmonised core band according to EC Decision 2018/1538. NOTE 2: The availability of the frequency bands in Table 1 in European Union and CEPT countries can be obtained from the EFIS (http://www.efis.dk/) and is also listed in Appendices 1 and 3 of CEPT/ERC/REC 70-03. NOTE 3: In addition, it should be noted that, in some countries, part or all of the bands in Table 1 may be unavailable, and/or other frequency bands may be available, for networked and/or network based short range devices. See National Radio Interfaces (NRI) as relevant for additional guidance. NOTE 4: On non-harmonized parameters, national administrations may impose certain conditions such as the type of modulation, frequency, channel/frequency separations, maximum transmitter radiated power, duty cycle, installation and operation only by professional users and the inclusion of an automatic transmitter shut-off facility, as a condition for the issue of Individual Rights for use of spectrum or General Authorization, or as a condition for use under "licence exemption" as it is in most cases for Short Range Devices. The present document covers equipment intended for use in a fixed location. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. NOTE 5: 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 303 204 V3.1.1

EVS-EN 303 883-1 V1.2.1:2021

Short Range Devices (SRD) and Ultra Wide Band (UWB); Part 1: Measurement techniques for transmitter requirements

The present document summarizes the available information of possible measurement techniques and procedures for the conformance measurement of various signal formats (e.g. Ultra Wide Band) in order to comply with the given transmission limits given in the current regulation. The present document could be used as a reference for existing and future ETSI standards covering UWB and other technologies.

Keel: en
Alusdokumendid: ETSI EN 303 883-1 V1.2.1

EVS-EN 303 883-2 V1.2.1:2021

Short Range Devices (SRD) and Ultra Wide Band (UWB); Part 2: Measurement techniques for receiver requirements

The present document provides measurement procedures for receiver requirements to address the spectrum efficiency requirements of the RED. The baseline receiver concept is a set of two parameters given in clause 5 of the present document providing guidance for HS development, which can be further refined by the responsible TB. Baseline receiver concept comprises the following parameters: • Receiver Baseline Sensitivity (RBS); and • Receiver Baseline Resilience (RBR). The Baseline receiver concept is a further development of the signal interferer handling concept, see ETSI TS 103 361.

Keel: en
Alusdokumendid: ETSI EN 303 883-2 V1.2.1

EVS-EN IEC 60794-1-2:2021

Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance

IEC 60794-1-2:2021 applies to optical fibre cables for use with telecommunications equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. An objective of this document is to define general requirements and methodology guidance applicable to all of the cable test methods of IEC 60794-1 (all parts). A second objective of this document is to provide the end user with an overview of the different test methods contained in the different parts of the IEC 60794-1 series. This fifth edition cancels and replaces the fourth edition published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical change with respect to the previous edition: - addition of cross-reference tables listing the new test method numbers and the previous test method numbers.

Keel: en

Alusdokumendid: IEC 60794-1-2:2021; EN IEC 60794-1-2:2021
Asendab dokumenti: EVS-EN 60794-1-2:2017
Asendab dokumenti: EVS-EN 60794-1-2:2017/AC:2017

EVS-EN IEC 60794-3-12:2021

Optical fibre cables - Part 3-12: Outdoor cables - Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling

IEC 60794-3-12:2021 is a detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling to ensure compatibility with ISO/IEC 11801-1. This document's requirements ensure that the ISO/IEC 11801-1 models work for generic cabling and system performances. Values in this document support these models. The requirements of the family specification IEC 60794-3-10 are applicable to cables covered by this document. Particular requirements detailed in Clause 5 either define a specific option relative to the requirements of IEC 60794-3-10 or define additional requirements. This third edition cancels and replaces the second edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - addition of references to ISO/IEC 11801-1; - removal of references to ISO/IEC 24702; - incorporation of the OM5 cabled fibre performance category; - incorporation of the OS1a cabled fibre performance category; - cabled fibre performance categories OM1, OM2 and OS1 are no longer normative, and are retained for information.

Keel: en
Alusdokumendid: IEC 60794-3-12:2021; EN IEC 60794-3-12:2021
Asendab dokumenti: EVS-EN 60794-3-12:2013

EVS-EN IEC 61169-15:2021

Radio-frequency connectors - Part 15: Sectional specification - RF coaxial connectors with inner diameter of outer conductor 4,13 mm (0,163 in) with threaded coupling - Characteristic impedance 50 Ω (type SMA)

IEC 61169-15:2021 provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with inner diameter of outer conductor 4,13 mm (0,163 in) with threaded coupling with a characteristic impedance of 50 Ω (type SMA). This document specifies mating face dimensions for high performance connectors – grade 1, dimensional details of standard test connectors – grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMA RF connectors. This document indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

Keel: en
Alusdokumendid: EN IEC 61169-15:2021; IEC 61169-15:2021

EVS-EN IEC 61169-65:2021

Radio-frequency connectors - Part 65: Sectional specification for RF coaxial connectors, 1,35 mm inner diameter of outer conductor, with screw-coupling, characteristic impedance 50 Ω

IEC 61169-65:2021 provides information and rules for the preparation of detail specifications (DS) for series 1,35 mm RF coaxial connectors with screw coupling, characteristic impedance 50 Ω, for operating frequencies up to 90 GHz. Typical use in test and measurement applications. It describes mating face dimensions for general purpose connectors – grade 1, dimensional details of standard test connectors-grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series 1,35 mm RF connectors. This specification indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

Keel: en
Alusdokumendid: EN IEC 61169-65:2021; IEC 61169-65:2021

EVS-EN IEC 62149-3:2020/AC:2021

Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems

Corrigendum to EN IEC 62149-3:2020

Keel: en
Alusdokumendid: IEC 62149-3:2020/COR1:2021; EN IEC 62149-3:2020/AC:2021-03
Parandab dokumenti: EVS-EN IEC 62149-3:2020

35 INFOTEHNOLOOGIA

CEN/TR 16234-2:2021

e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors - Part 2: User Guide

This document supports understanding, adoption and use of EN 16234 (all parts) e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors which provides a common reference of 41 ICT professional competences as required and applied in the Information and Communication Technology (ICT) professional work environment, using a common language for competences, skills, knowledge and proficiency levels that can be understood across Europe. This document supports Information and Communication Technology (ICT) stakeholders dealing with ICT professional

competences from multiple perspectives, in particular: - ICT service, demand and supply organisations; - ICT professionals, managers and human resource (HR) departments; - educational institutions, learning program and certification providers of all types including Vocational and Educational Training (VET), Higher Education (HE) and Continuous Professional Development (CPD); - social partners (trade unions and employer associations); - professional associations, accreditation, validation and assessment bodies; - market analysts and policy makers; - other organisations and stakeholders in public and private sectors across Europe; to adopt, apply and use the framework in their environment.

Keel: en
Alusdokumendid: CEN/TR 16234-2:2021
Asendab dokumenti: CEN/TR 16234-2:2016

CEN/TR 16234-3:2021

e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors - Part 3: Methodology

This document supports the methodology grounding for the development, implementation and maintenance of EN 16234 (all parts) e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors which provides a common reference of 41 ICT professional competences as required and applied at the Information and Communication Technology (ICT) professional work environment, using a common language for competences, skills, knowledge and proficiency levels that can be understood across Europe. This document supports methodological understanding of the e-CF by all parties interested and supports Information and Communication Technology (ICT) stakeholders dealing with ICT Professional competences from multiple perspectives, in particular: - ICT service, demand and supply organisations; - ICT professionals, managers and human resource (HR) departments; - educational institutions, learning program and certification providers of all types including Vocational and Educational Training (VET), Higher Education (HE) and Continuous Professional Development (CPD); - social partners (trade unions and employer associations); - professional associations, accreditation, validation and assessment bodies; - market analysts and policy makers; - other organisations and stakeholders in public and private sectors across Europe; and it seeks to particularly satisfy the needs of stakeholders from competence frameworks construction and research environment.

Keel: en
Alusdokumendid: CEN/TR 16234-3:2021
Asendab dokumenti: CEN/TR 16234-3:2017

CEN/TR 16234-4:2021

e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors - Part 4: Case Studies

This document provides a series of practical case studies supporting understanding, adoption and use of EN 16234 (all parts) e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors which provides a common reference of 41 ICT professional competences as required and applied at the Information and Communication Technology (ICT) professional work environment, using a common language for competences, skills, knowledge and proficiency levels that can be understood across Europe. This document supports Information and Communication Technology (ICT) stakeholders dealing with ICT Professional competences from multiple perspectives, in particular: - ICT service, demand and supply organisations; - ICT professionals, managers and human resource (HR) departments; - educational institutions, learning program and certification providers of all types including Vocational and Educational Training (VET), Higher Education (HE) and Continuous Professional Development (CPD); - social partners (trade unions and employer associations); - professional associations, accreditation, validation and assessment bodies; - market analysts and policy makers; - other organizations and stakeholders in public and private sectors across Europe, to adopt, apply and use the framework in their environment.

Keel: en
Alusdokumendid: CEN/TR 16234-4:2021
Asendab dokumenti: CWA 16234-4:2014

EVS-EN 13321-1:2021

Open data communication in building automation, controls and building management - Home and building electronic system - Part 1: Product and system requirements

This document specifies, as for Home or Building Electronic Systems (HBES) for the domain of Building Automation and Control System Application and Building Management (BACS), common rules for a class of multi-application bus systems where the functions are decentralised and linked through a common communication process. This document specifies the basic requirements for products and systems. The requirements can also apply to the distributed functions of any equipment connected in a home or building control system if no specific standard exists for this equipment or system. Due to its reference to the EN 50090 series, this document establishes requirements for the BACS area in relation to Architecture and Hardware and Application and Communication of systems based on HBES amongst other areas, and specifies the basic requirements for interoperability (between products and systems).

Keel: en
Alusdokumendid: EN 13321-1:2021
Asendab dokumenti: EVS-EN 13321-1:2012

EVS-EN ISO 14819-2:2021

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 2: Event and information codes for Radio Data System-Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2021)

ISO 14819-1 describes the ALERT-C protocol concept and message structure used to achieve densely coded messages to be carried in the RDS-TMC feature. This document specifies the 'Events List' to be used in coding those messages.

Keel: en
Alusdokumendid: ISO 14819-2:2021; EN ISO 14819-2:2021
Asendab dokumenti: EVS-EN ISO 14819-2:2013

EVS-EN ISO 14819-3:2021

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 3: Location referencing for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2021)

This document specifies location referencing rules to address the specific requirements of Traffic Message Channel (TMC) systems, which use abbreviated coding formats to provide traffic and travel information (TTI) messages over mobile bearers (e.g. GMS, DAB) or via exchange protocols like DATEX II. In particular, the rules address the Radio Data System-Traffic Message Channel (RDS-TMC), a means of providing digitally-coded TTI to travellers using a silent data channel on FM radio stations, based on the ALERT-C protocol.

Keel: en
Alusdokumendid: ISO 14819-3:2021; EN ISO 14819-3:2021
Asendab dokumenti: EVS-EN ISO 14819-3:2013

EVS-EN ISO 19135-1:2015/A1:2021

Geographic information - Procedures for item registration - Part 1: Fundamentals - Amendment 1 (ISO 19135-1:2015/Amd 1:2021)

Amendment to EN ISO 19135-1:2015

Keel: en
Alusdokumendid: ISO 19135-1:2015/Amd 1:2021; EN ISO 19135-1:2015/A1:2021
Muudab dokumenti: EVS-EN ISO 19135-1:2015

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 13423:2021

Natural gas vehicles - Requirements for NGV workshops and the management of compressed natural gas (CNG) vehicles

This document provides requirements for operation of vehicles that use compressed natural gas (CNG) as a fuel for propulsion, covering various aspects of NGV workshops including activities, risk management, planning, personnel, layout, systems and operations. It provides requirements regarding the management of NGVs including use, parking, fuelling for commissioning, inspection, installation, repair and maintenance, disposal, transportation and documentation. This document is applicable to the management of CNG vehicles with a fuel system pressure of 20 MPa (200 bar) at 15 °C. This document can also be applied to vehicles with higher fuel system pressures, taking into account additional safety aspects. This document also applies to servicing, repair and maintenance of NGVs when work is not performed on the gas fuel system.

Keel: en
Alusdokumendid: EN 13423:2021
Asendab dokumenti: EVS-EN 13423:2001

EVS-EN ISO 20566:2021

Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO 20566:2020)

This document specifies a test procedure for assessing the scratch resistance of organic paint coatings, in particular paint coatings used in the automotive industry (i.e. for assessing their car-wash resistance). Machine-based washing is simulated in the laboratory environment using a rotating brush and synthetic dirt. The test conditions have been designed to be as close as possible to the real conditions in a car-wash. If the test parameters are suitably chosen, the method can also be used for testing protective plastics films and plastics components.

Keel: en
Alusdokumendid: ISO 20566:2020; EN ISO 20566:2021
Asendab dokumenti: EVS-EN ISO 20566:2013

45 RAUDTEETEHNIKA

CEN/TS 15427-1-3:2021

Railway applications - Wheel/Rail friction management - Part 1-3: Equipment and Application - Adhesion materials

This document is limited to specifying the requirements when applying adhesion material to the interface between the wheel tread and the crown of the rail, and includes both trainborne and trackside solutions. This document only covers the equipment and application of adhesion material to the active interface. This document defines: - the characteristics that systems for the application of adhesion materials of the wheel-rail interface shall achieve, together with applicable inspection and test methods to be carried out for verification; - all relevant terminology which is specific to the adhesion materials of the wheel-rail interface.

This document only applies to the mainline railway. NOTE 1 This document can also be used for other railways, e.g urban rail. NOTE 2 Where technologies are used to influence the wheel/rail interface, other than the application of a material, this document is out of scope but can be used as guidance.

Keel: en
Alusdokumendid: CEN/TS 15427-1-3:2021

CEN/TS 15427-2-3:2021

Railway applications - Wheel/Rail friction management - Part 2-3: Properties and Characteristics - Adhesion materials

This document specifies the requirements of adhesion materials intended to be applied to the interface between the wheel tread and the rail crown (active interface). It can be applied either directly or indirectly to the wheel tread or rail. It outlines the information required for most approval procedures, the method of testing and routine control/monitoring of the material. This document does not deal with Top of Rail materials. For Top of Rail materials see CEN/TS 15427-2-2:2021.

Keel: en
Alusdokumendid: CEN/TS 15427-2-3:2021

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-5:2021

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 5: Lennukite tankimisseadmed
Aircraft ground support equipment - Specific requirements - Part 5: Aircraft fuelling equipment

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of AFE when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some performance requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines, airports and fuelling companies. This document applies to all types of aircraft fuelling equipment: a) aircraft refuellers, b) hydrant dispensers, c) defuellers, d) hydrant pit servicing vehicles, e) pit cleaner vehicles, and f) stationary dispensing units intended to service aircraft with aviation fuels and to be operated on airfields, heliports and other aircraft refuelling related areas such as maintenance bases. This document does not apply to: g) AFE whose only power source for aircraft refuelling is directly applied manual effort, h) hydrant systems, tank farms, pipework and underground tanks, i) specific hazards due to the operation of the AFE in a potentially explosive atmosphere, and j) built-in fire extinguisher systems. No extra requirements on noise and vibration are provided other than those in EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009. NOTE EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009 provide the general GSE vibration and noise requirements. This document does not deal with hazards in respect to a standard automotive chassis and from other vehicles on the apron. This document is not applicable to AFE which are manufactured before the date of publication of this document by CEN. This part of the EN 12312 series when used in conjunction with EN 1915-1:2013, EN 1915-2:2001+A1:2009, EN 1915-3:2004+A1:2009 (for vehicles) and EN 1915-4:2004+A1:2009 provides the requirements for AFE.

Keel: en
Alusdokumendid: EN 12312-5:2021
Asendab dokumenti: EVS-EN 12312-5:2005+A1:2009

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 17226-1:2021

Leather - Chemical determination of formaldehyde content - Part 1: Method using high-performance liquid chromatography (ISO 17226-1:2021)

This document specifies a method for the determination of free and released formaldehyde in leathers. This method, based on high-performance liquid chromatography (HPLC), is selective and not sensitive to coloured extracts and is intended to be used for precise quantification of formaldehyde. The formaldehyde content is taken to be the quantity of free formaldehyde and formaldehyde extracted through hydrolysis contained in a water extract from the leather under standard conditions of use.

Keel: en
Alusdokumendid: ISO 17226-1:2021; EN ISO 17226-1:2021
Asendab dokumenti: EVS-EN ISO 17226-1:2019

65 PÕLLUMAJANDUS

CEN/TR 17559:2021

Algae and algae products - Food and feed applications: General overview of limits, procedures and analytical methods

This Technical Report describes quality designations and indications for algae and directly derived products from algae production required for or by food/feed/nutraceuticals/animal food producers and industry. This TR does not apply to pharmacuetical, cosmetics and chemical applications. Note: This TR does not provide instructions on existing handling of technical requirements in existing legislations.

Keel: en
Alusdokumendid: CEN/TR 17559:2021

67 TOIDUAINETE TEHNOLOOGIA

CEN/TR 17559:2021

Algae and algae products - Food and feed applications: General overview of limits, procedures and analytical methods

This Technical Report describes quality designations and indications for algae and directly derived products from algae production required for or by food/feed/nutraceuticals/animal food producers and industry. This TR does not apply to pharmacuetical, cosmetics and chemical applications. Note: This TR does not provide instructions on existing handling of technical requirements in existing legislations.

Keel: en
Alusdokumendid: CEN/TR 17559:2021

EVS-EN ISO 6540:2021

Maize - Determination of moisture content (on milled grains and on whole grains) (ISO 6540:2021)

This document specifies two methods: - a reference method for the determination of the moisture content of maize grains and ground whole maize, groats, grits and maize flour, see Clause 4; - a routine method for the evaluation of the moisture content of maize in whole grains, see Clause 5. The latter is not suitable for use for experts' reports, or for calibration or checking of humidity meters, because of its significant bias to the reference method (see Table B.3).

Keel: en
Alusdokumendid: ISO 6540:2021; EN ISO 6540:2021
Asendab dokumenti: EVS-EN ISO 6540:2010

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 13423:2021

Natural gas vehicles - Requirements for NGV workshops and the management of compressed natural gas (CNG) vehicles

This document provides requirements for operation of vehicles that use compressed natural gas (CNG) as a fuel for propulsion, covering various aspects of NGV workshops including activities, risk management, planning, personnel, layout, systems and operations. It provides requirements regarding the management of NGVs including use, parking, fuelling for commissioning, inspection, installation, repair and maintenance, disposal, transportation and documentation. This document is applicable to the management of CNG vehicles with a fuel system pressure of 20 MPa (200 bar) at 15 °C. This document can also be applied to vehicles with higher fuel system pressures, taking into account additional safety aspects. This document also applies to servicing, repair and maintenance of NGVs when work is not performed on the gas fuel system.

Keel: en
Alusdokumendid: EN 13423:2021
Asendab dokumenti: EVS-EN 13423:2001

EVS-EN 16942:2016+A1:2021

Mootorikütused. Mootorsõidukile sobivuse tähistamine. Tankijateabe graafiline väljendus Fuels - Identification of vehicle compatibility - Graphical expression for consumer information

Selles Euroopa standardis kehtestatakse ühtlustatud tähistus turustatavatele vedel- ja gaaskütustele. Nõuded standardis vastavad turul saadava mootorikütuse ja mootorsõidukile sobivuse teavitamisel tankijatele teavitamise nõuetega. Dokumendis kirjeldatud tähistus on mõeldud visualiseerima tankuritel ja tanklates, mootorsõidukitel, mootorsõidukite vahendusfirmades ning kasutusjuhendites. Turustatavate mootorikütuste hulka kuuluvad näiteks mineraalõlidest kütused, sünteetilised kütused, biokütused, maagaas, LPG, vesinik ja biogaas ning eelmainitute segud liikumise rakendustes. MÄRKUS Selle dokumendi rakendamisel kasutatakse termineid „% (m/m)“ ja „% (V/V)“ vastavalt massiosa μ ja mahuosa φ eristamise tähistamiseks.

Keel: en, et
Alusdokumendid: EN 16942:2016+A1:2021
Asendab dokumenti: EVS-EN 16942:2016

EVS-EN ISO 17225-3:2021

Tahked biokütused. Kütuste spetsifikatsioonid ja klassid. Osa 3: Klassifitseeritud puitbriketid Solid biofuels - Fuel specifications and classes - Part 3: Graded wood briquettes (ISO 17225-3:2021)

See dokument määrab kindlaks puitbriketi kütuse kvaliteediklassid ja spetsifikatsioonid. Dokument hõlmab üksnes järgmistest toorainetest toodetud puitbriketti (vt ISO 17225-1:2021, tabel 1): — 1.1 Mets, istandikud ja muu töötlemata (esmane) puit; — 1.2 Puidutöötlemistööstuse kõrvalsaadused ja jäägid (jäätmed); — 1.3.1 Keemiliselt töötlemata kasutatud puit. MÄRKUS Selle dokumendi käsitlusalasse ei kuulu termiliselt töödeldud biomassi brikett (nt röstitud brikett).

Keel: en, et
Alusdokumendid: EN ISO 17225-3:2021; ISO 17225-3:2021
Asendab dokumenti: EVS-EN ISO 17225-3:2014

EVS-EN ISO 17225-4:2021

Tahked biokütused. Kütuste spetsifikatsioonid ja klassid. Osa 4: Klassifitseeritud hakkpuit
Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2021)

See dokument määrab kindlaks klassifitseeritud hakkpuidu kütuse kvaliteediklassid ja spetsifikatsioonid. Dokument hõlmab üksnes järgmistest toorainetest toodetud hakkpuitu (vt ISO 17225-1:2021, tabel 1): • 1.1 Mets, istandikud ja muu töötlemata (esmane) puit; • 1.2 Puidutöötlemistööstuse kõrvalsaadused ja jäägid (jäätmed); • 1.3.1 Keemiliselt töötlemata kasutatud puit. See dokument hõlmab üksnes hakkpuitu, mis on toodetud teravate tööriistadega, ega hõlma purustatud puitkütust, mida toodetakse nüride tööriistadega.

Keel: en, et
Alusdokumendid: EN ISO 17225-4:2021; ISO 17225-4:2021
Asendab dokumenti: EVS-EN ISO 17225-4:2014

77 METALLURGIA

EVS-EN ISO 12004-2:2021

Metallic materials - Determination of forming-limit curves for sheet and strip - Part 2: Determination of forming-limit curves in the laboratory (ISO 12004-2:2021)

This document specifies testing conditions for use when constructing a forming-limit curve (FLC) at ambient temperature and using linear strain paths. The material considered is flat, metallic and of thickness between 0,3 mm and 4 mm. NOTE The limitation in thickness of up to 4 mm is proposed, giving a maximum allowable thickness to the punch diameter ratio.

Keel: en
Alusdokumendid: ISO 12004-2:2021; EN ISO 12004-2:2021
Asendab dokumenti: EVS-EN ISO 12004-2:2008

EVS-EN ISO 28080:2021

Hardmetals - Abrasion tests for hardmetals (ISO 28080:2021)

This document specifies a generic test method to determine the abrasion wear characteristics of hardmetals. The test is appropriate for use in situations where test laboratories have a need to simulate abrasive damage. The procedure includes information which enables the test to be used in a variety of different conditions: a) with counterface wheels of different stiffness (for example steel and rubber); b) wet and dry; c) different abrasive sizes; d) different chemical environments.

Keel: en
Alusdokumendid: ISO 28080:2021; EN ISO 28080:2021

79 PUIDUTEHNOLOOGIA

EVS-EN 16351:2021

Timber structures - Cross laminated timber - Requirements

This document sets out provisions regarding the performance of characteristics of the following Types of cross laminated timber for use in buildings and bridges: - Type 1: Straight or curved cross laminated timber comprising only timber layers but no large finger joints; - Type 2: Straight cross laminated timber comprising only timber layers and large finger joints; - Type 3: Straight cross laminated timber comprising timber and wood-based panel layers but no large finger joints. This document covers cross laminated timber of all three Types of cross laminated timber: - manufactured according to this document, which sets up provisions for: - boundary conditions during manufacture of cross laminated timber; - moisture content and temperature of timber to be bonded; - production of finger joints and bonds between layers; - to be used in service class 1 or 2 according to EN 1995-1-1; - made of coniferous species and poplar listed in this document; - which may be made of layers made of different species; - bonded with phenolic or aminoplastic or moisture curing one-component polyurethane or emulsion polymer isocyanate adhesives of adhesive Type I according to the respective standard; - made of timber laminations having a nominal width between 40 mm (including) and 300 mm (including); - built up of at least three orthogonally bonded layers (at least two of them timber layers); - which may have, depending on the number of layers, adjacent layers bonded parallel to the grain; - made of timber layers which are made of strength graded timber according to EN 14081-1; -made of timber layers having nominal thicknesses between 6 mm (including) and 47 mm (including); - made of timber layers which may comprise edge bonds; - having nominal overall thicknesses up to 500 mm. Additional provisions of this document apply for straight cross laminated timber comprising only timber layers and comprising large finger joints (Type 2): - made from cross laminated timber pieces having the same cross-section and layup; - made from cross laminated timber pieces having nominal cross-sectional thicknesses from 51 mm (including) up to 345 mm (including) and nominal minimum thicknesses of the outer layers not less than 17 mm (including); - made from cross laminated timber pieces solely comprising timber layers; - made from plane cross laminated timber pieces; - with parallel x-axes of the jointed components; - with large finger joints having a finger length of at least 45 mm and fingers which are visible at the two narrow sides of the components; - having large finger joints bonded with phenolic or aminoplastic or moisture curing one-component polyurethane adhesives of adhesive Type I according to the respective standard. Additional provisions of this document apply for straight cross laminated timber comprising timber and wood-based panel layers but no large finger joints (Type 3): - made of structural wood-based panels specified in this document; - made of one panel per layer and; - having thicknesses between 6 mm (including) and 45 mm (including). This document applies to cross laminated timber untreated or treated against biological attack. This document does not cover: - cross laminated timber treated with fire retardants; - cross laminated timber which is produced from re-used timber or wood-based panels comprising re-used timber. It also lays down procedures for assessment and verification of constancy of performance (AVPC) of cross laminated timber.

Keel: en
Alusdokumendid: EN 16351:2021

Asendab dokumenti: EVS-EN 16351:2015

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 17562:2021

Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for linear thermal expansion of monolithic ceramics by push-rod technique (ISO 17562:2016)

ISO 17562:2016 specifies a method for the determination of the linear thermal expansion and the linear thermal expansion coefficient of monolithic ceramics from near liquid nitrogen temperature up to a maximum temperature of 2 000 °C.

Keel: en
Alusdokumendid: ISO 17562:2016; EN ISO 17562:2021
Asendab dokumenti: EVS-EN 821-1:2000

EVS-EN ISO 19628:2021

Fine ceramics (advanced ceramics, advanced technical ceramics) - Thermophysical properties of ceramic composites - Determination of specific heat capacity (ISO 19628:2017)

ISO 19628:2017 describes two methods for the determination of the specific heat capacity of ceramic matrix composites with continuous reinforcements (1D, 2D, 3D). Unidirectional (1D), bi-directional (2D) and tridirectional (XD, with $2 < x \leq 3$). The two methods are: - method A: drop calorimetry; - method B: differential scanning calorimetry. They are applicable from ambient temperature up to a maximum temperature, depending on the method: method A can be used up to 2 250 K, while method B is limited to 1 900 K. NOTE Method A is limited to the determination of an average value of the specific heat capacity over a given temperature range and can give a larger spread of results.

Keel: en
Alusdokumendid: ISO 19628:2017; EN ISO 19628:2021
Asendab dokumenti: EVS-EN 1159-3:2003
Asendab dokumenti: EVS-EN 1159-3:2003/AC:2008

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11357-4:2021

Plastics - Differential scanning calorimetry (DSC) - Part 4: Determination of specific heat capacity (ISO 11357-4:2021)

This document specifies methods for determining the specific heat capacity of plastics by differential scanning calorimetry.

Keel: en
Alusdokumendid: ISO 11357-4:2021; EN ISO 11357-4:2021
Asendab dokumenti: EVS-EN ISO 11357-4:2014

EVS-EN ISO 11357-8:2021

Plastics - Differential scanning calorimetry (DSC) - Part 8: Determination of thermal conductivity (ISO 11357-8:2021)

This document establishes a method for determination of the thermal conductivity of solid unfilled and filled or fibre reinforced plastics and composites by means of differential scanning calorimetry (DSC). It is applicable for materials with thermal conductivities of up to 1 W/(m·K)

Keel: en
Alusdokumendid: ISO 11357-8:2021; EN ISO 11357-8:2021

EVS-EN ISO 24024-1:2021

Plastics - Homopolymer and copolymer resins of vinyl chloride - Part 1: Designation system and basis for specifications (ISO 24024-1:2021)

1.1 This document establishes a system of designation for vinyl chloride thermoplastic resins which can be used as the basis for specifications. 1.2 The types of vinyl chloride plastics are differentiated from each other by a classification system based on appropriate levels of the designatory properties: a) reduced viscosity; b) apparent density; c) retention on a 63 µm mesh sieve; d) plasticizer absorption at room temperature (for general-purpose resins); e) the viscosity and the type of rheological behaviour of a standard paste (for paste resins only); and on information about basic polymer parameters, polymerization processes and intended applications. 1.3 This document is applicable to resins in powder form which consist of homopolymers of the monomer vinyl chloride and copolymers, terpolymers, etc., of vinyl chloride with one or more other monomers, but where vinyl chloride is the main constituent. The resins can contain small amounts of non-polymerized substances (e.g. emulsifying or suspending agents, catalyst residues, etc.) and other substances added during the course of polymerization. 1.4 It is not intended to imply that materials having the same designation give necessarily the same performance. This document does not provide engineering data, performance data or data on processing conditions which can be required to specify a material for a particular application and/or method of processing. If such additional properties are required, they are determined in accordance with the test methods specified in ISO 24024-2, if suitable. 1.5 In order to specify a resin for a particular application or to ensure reproducible processing, additional requirements can be given in data block 5 (see 4.1).

Keel: en
Alusdokumendid: ISO 24024-1:2021; EN ISO 24024-1:2021

Asendab dokumenti: EVS-EN ISO 1060-1:2000

EVS-EN ISO 24024-2:2021

Plastics - Homopolymer and copolymer resins of vinyl chloride - Part 2: Preparation of test samples and determination of properties (ISO 24024-2:2021)

This document specifies the methods of preparation of test samples and the test methods to be used in determining the properties of PVC resins. Requirements for handling test material and for conditioning the material before testing are given here. In addition, properties and test methods which are suitable and necessary to characterize PVC resins are listed.

Keel: en
Alusdokumendid: ISO 24024-2:2021; EN ISO 24024-2:2021
Asendab dokumenti: EVS-EN ISO 1060-2:2000

EVS-EN ISO 6721-3:2021

Plastics - Determination of dynamic mechanical properties - Part 3: Flexural vibration - Resonance-curve method (ISO 6721-3:2021)

This document specifies a bending-vibration method based upon resonance curves for determining the flexural complex modulus E*f of homogeneous plastics and the damping properties of laminated plastics intended for acoustic insulation, for example systems consisting of a metal sheet coated with a damping plastic layer, or sandwich systems consisting of two sheet-metal layers with an intermediate plastic layer. For many purposes, it is useful to determine these properties as a function of temperature and frequency.

Keel: en
Alusdokumendid: ISO 6721-3:2021; EN ISO 6721-3:2021
Asendab dokumenti: EVS-EN ISO 6721-3:2000

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 20566:2021

Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO 20566:2020)

This document specifies a test procedure for assessing the scratch resistance of organic paint coatings, in particular paint coatings used in the automotive industry (i.e. for assessing their car-wash resistance). Machine-based washing is simulated in the laboratory environment using a rotating brush and synthetic dirt. The test conditions have been designed to be as close as possible to the real conditions in a car-wash. If the test parameters are suitably chosen, the method can also be used for testing protective plastics films and plastics components.

Keel: en
Alusdokumendid: ISO 20566:2020; EN ISO 20566:2021
Asendab dokumenti: EVS-EN ISO 20566:2013

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 13321-1:2021

Open data communication in building automation, controls and building management - Home and building electronic system - Part 1: Product and system requirements

This document specifies, as for Home or Building Electronic Systems (HBES) for the domain of Building Automation and Control System Application and Building Management (BACS), common rules for a class of multi-application bus systems where the functions are decentralised and linked through a common communication process. This document specifies the basic requirements for products and systems. The requirements can also apply to the distributed functions of any equipment connected in a home or building control system if no specific standard exists for this equipment or system. Due to its reference to the EN 50090 series, this document establishes requirements for the BACS area in relation to Architecture and Hardware and Application and Communication of systems based on HBES amongst other areas, and specifies the basic requirements for interoperability (between products and systems).

Keel: en
Alusdokumendid: EN 13321-1:2021
Asendab dokumenti: EVS-EN 13321-1:2012

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

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

CEN/CLC/ETSI TR 101550:2014

Documents relevant to EN 301 549 "Accessibility requirements suitable for public procurement of ICT products and services in Europe"

Keel: en
Alusdokumendid: CEN/CLC/ETSI TR 101550:2014
Standardi staatus: Kehtetu

EVS-EN ISO 14819-2:2013

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 2: Event and information codes for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2013)

Keel: en
Alusdokumendid: ISO 14819-2:2013; EN ISO 14819-2:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 14819-2:2021
Standardi staatus: Kehtetu

EVS-EN ISO 14819-3:2013

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 3: Location referencing for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2013)

Keel: en
Alusdokumendid: ISO 14819-3:2013; EN ISO 14819-3:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 14819-3:2021
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/CLC/ETSI TR 101550:2014

Documents relevant to EN 301 549 "Accessibility requirements suitable for public procurement of ICT products and services in Europe"

Keel: en
Alusdokumendid: CEN/CLC/ETSI TR 101550:2014
Standardi staatus: Kehtetu

CEN/TS 14972:2011

Paiksed tulekustustussüsteemid. Veeudusüsteemid. Ehitus ja paigaldamine
Fixed firefighting systems - Watermist systems - Design and installation

Keel: en, et
Alusdokumendid: CEN/TS 14972:2011
Asendatud järgmise dokumendiga: EVS-EN 14972-1:2021
Standardi staatus: Kehtetu

CEN/TS 16429:2013

Stationary source emissions - Sampling and determination of hydrogen chloride content in ducts and stacks - Infrared analytical technique

Keel: en
Alusdokumendid: CEN/TS 16429:2013
Asendatud järgmise dokumendiga: EVS-EN 16429:2021
Standardi staatus: Kehtetu

EVS-EN 143:2000

Hingamisteede kaitsevahendid. Tahkete osakeste filtrid. Nõuded, katsetamine, märgistus
Respiratory protective devices - Particle filters - Requirements, testing, marking

Keel: en
Alusdokumendid: EN 143:2000; EN 143:2000/AC:2002; EN 143:2000/AC:2005
Asendatud järgmise dokumendiga: EVS-EN 143:2021

Muudetud järgmise dokumendiga: EVS-EN 143:2000/A1:2006
Standardi staatus: Kehtetu

EVS-EN 143:2000/A1:2006

Hingamisteede kaitsevahendid. Tahkete osakeste filtrid. Nõuded, katsetamine, märgistus
Respiratory protective devices - Particle filters - Requirements, testing, marking

Keel: en
Alusdokumendid: EN 143:2000/A1:2006
Asendatud järgmise dokumendiga: EVS-EN 143:2021
Standardi staatus: Kehtetu

EVS-EN 14387:2004+A1:2008

Hingamisteede kaitsevahendid. Gaasi filter (id), kombineeritud filtrid. Nõuded, katsetamine, markeerimine KONSOLIDEERITUD TEKST
Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 14387:2004+A1:2008
Asendatud järgmise dokumendiga: EVS-EN 14387:2021
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 22768-2:2007

Üldtolerantsid. Osa 2: Geomeetrilised tolerantsid ilma individuaalsete tolerantsiviideteta (ISO 2768-2:1989)
General tolerances - Part 2: Geometrical tolerances for features without individual tolerance indications (ISO 2768-2:1989)

Keel: en, et
Alusdokumendid: ISO 2768-2:1989; EN 22768-2:1993
Asendatud järgmise dokumendiga: EVS-EN ISO 22081:2021
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 11127-1:2011

Teraspindade ettevalmistamine enne värvide ja samalaadsete toodete pealekandmist. Mittemetalliliste jugapuhastusabrasiivide katsemeetodid. Osa 1: Proovivõtmine (ISO 11127-1:2011)
Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 1: Sampling (ISO 11127-1:2011)

Keel: en
Alusdokumendid: ISO 11127-1:2011; EN ISO 11127-1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11127-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 11127-2:2011

Teraspindade ettevalmistamine enne värvide ja samalaadsete toodete pealekandmist. Mittemetalliliste jugapuhastusabrasiivide katsetamise meetodid. Osa 2: Osakeste suurusjaotuse määramine (ISO 11127-2:2011)
Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 2: Determination of particle size distribution (ISO 11127-2:2011)

Keel: en
Alusdokumendid: ISO 11127-2:2011; EN ISO 11127-2:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11127-2:2021
Standardi staatus: Kehtetu

EVS-EN ISO 11127-3:2011

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabrasiivide katsemeetodid. Osa 3: Näivtiheduse määramine (ISO 11127-3:2011)

Preparation of steel substrates before application of paints and related roducts - Test methods for non-metallic blast-cleaning abrasives - Part 3: Determination of apparent density (ISO 11127-3:2011)

Keel: en
Alusdokumendid: ISO 11127-3:2011; EN ISO 11127-3:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11127-3:2021
Standardi staatus: Kehtetu

EVS-EN ISO 11127-5:2011

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabrasiivide katsemeetodid. Osa 5: Niiskuse määramine (ISO 11127-5:2011)
Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives. - Part 5: Determination of moisture (ISO 11127-5:2011)

Keel: en
Alusdokumendid: ISO 11127-5:2011; EN ISO 11127-5:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11127-5:2021
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN ISO 17225-3:2014

Solid biofuels - Fuel specifications and classes - Part 3: Graded wood briquettes (ISO 17225-3:2014)

Keel: en
Alusdokumendid: ISO 17225-3:2014; EN ISO 17225-3:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 17225-3:2021
Standardi staatus: Kehtetu

EVS-EN ISO 17225-4:2014

Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2014)

Keel: en
Alusdokumendid: ISO 17225-4:2014; EN ISO 17225-4:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 17225-4:2021
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60305:2003

Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for a.c. systems - Characteristics of insulator units of the cap and pin type

Keel: en
Alusdokumendid: IEC 60305:1995; EN 60305:1996
Asendatud järgmise dokumendiga: EVS-EN IEC 60305:2021
Standardi staatus: Kehtetu

EVS-EN 60433:2002

Insulators for overhead lines with a nominal voltage above 1 kV - Ceramic insulators for a.c. systems - Characteristics of insulator units of the long rod type

Keel: en
Alusdokumendid: IEC 60433:1998; EN 60433:1998
Asendatud järgmise dokumendiga: EVS-EN IEC 60433:2021
Standardi staatus: Kehtetu

EVS-EN 60598-2-9:2001

Valgustid. Osa 2: Erinõuded. Jagu 9: Mitteprofessionaalsed foto- ja filmivalgustid
Luminaires - Part 2: Particular requirements - Section Nine: Photo and film luminaires (non-professional)

Keel: en
Alusdokumendid: IEC 598-2-9:1987 + A1:1993; EN 60598-2-9:1989 + A1:1994
Standardi staatus: Kehtetu

EVS-EN 60947-1:2008
Madalpingelised lülitusaparaadid. Osa 1: Üldreeglid
Low-voltage switchgear and controlgear - Part 1: General rules (IEC 60947-1:2007)

Keel: en, et
Alusdokumendid: IEC 60947-1:2007; EN 60947-1:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-1:2021
Muudetud järgmise dokumendiga: EVS-EN 60947-1:2008/A1:2011
Muudetud järgmise dokumendiga: EVS-EN 60947-1:2008/A2:2015
Standardi staatus: Kehtetu

EVS-EN 60947-1:2008/A1:2011
Madalpingelised lülitusaparaadid. Osa 1: Üldreeglid
Low-voltage switchgear and controlgear - Part 1: General rules

Keel: en, et
Alusdokumendid: EN 60947-1:2007/A1:2011; IEC 60947-1/Amd 1:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-1:2021
Standardi staatus: Kehtetu

EVS-EN 60947-1:2008/A2:2015
Madalpingelised lülitusaparaadid. Osa 1: Üldreeglid
Low-voltage switchgear and controlgear - Part 1: General rules

Keel: en, et
Alusdokumendid: EN 60947-1:2007/A2:2014; IEC 60947-1/Amd 2:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-1:2021
Standardi staatus: Kehtetu

EVS-EN 60947-1:2008+A1:2011
Madalpingelised lülitusaparaadid. Osa 1: Üldreeglid
Low-voltage switchgear and controlgear - Part 1: General rules (IEC 60947-1:2007, modified + A1:2010)

Keel: en, et
Alusdokumendid: IEC 60947-1:2007+A1:2010; EN 60947-1:2007+A1:2011; IEC 60947-1:2007; EN 60947-1:2007; IEC 60947-1/Amd 1:2010; EN 60947-1:2007/A1:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-1:2021
Standardi staatus: Kehtetu

EVS-EN 60947-1:2008+A1:2011+A2:2015
Madalpingelised lülitusaparaadid. Osa 1: Üldreeglid
Low-voltage switchgear and controlgear - Part 1: General rules

Keel: en, et
Alusdokumendid: IEC 60947-1:2007; EN 60947-1:2007; IEC 60947-1/Amd 1:2010; EN 60947-1:2007/A1:2011; IEC 60947-1/Amd 2:2014; EN 60947-1:2007/A2:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-1:2021
Standardi staatus: Kehtetu

EVS-EN 61800-1:2006
Adjustable speed electrical power drive systems - Part 1: General requirments - Rating specifications for low voltage adjustables speed d.c. power drive systems

Keel: en
Alusdokumendid: IEC 61800-1:1997; EN 61800-1:1998
Asendatud järgmise dokumendiga: EVS-EN IEC 61800-1:2021
Standardi staatus: Kehtetu

33 SIDETEHNIKA

CEN/CLC/ETSI TR 101550:2014
Documents relevant to EN 301 549 "Accessibility requirements suitable for public procurement of ICT products and services in Europe"

Keel: en
Alusdokumendid: CEN/CLC/ETSI TR 101550:2014
Standardi staatus: Kehtetu

EVS 898:2014
Üldkasutatavate võrkude ja abonentide rahvusvaheline identifitseerimisplaan. ITU-T soovituse E.212 rakendamine Eestis
The international identification plan for public networks and subscriptions. Application of ITU-T recommendation E.212 in Estonia

Keel: et
Standardi staatus: Kehtetu

EVS-EN 60794-1-2:2017
Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance

Keel: en
Alusdokumendid: IEC 60794-1-2:2017; EN 60794-1-2:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-2:2021
Parandatud järgmise dokumendiga: EVS-EN 60794-1-2:2017/AC:2017
Standardi staatus: Kehtetu

EVS-EN 60794-1-2:2017/AC:2017
Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance

Keel: en
Alusdokumendid: EN 60794-1-2:2017/AC:2017-07
Asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-2:2021
Standardi staatus: Kehtetu

EVS-EN 60794-3-12:2013
Optical fibre cables - Part 3-12: Outdoor cables - Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling (IEC 60794-3-12:2012)

Keel: en
Alusdokumendid: IEC 60794-3-12:2012; EN 60794-3-12:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60794-3-12:2021
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/CLC/ETSI TR 101550:2014
Documents relevant to EN 301 549 "Accessibility requirements suitable for public procurement of ICT products and services in Europe"

Keel: en
Alusdokumendid: CEN/CLC/ETSI TR 101550:2014
Standardi staatus: Kehtetu

CEN/TR 16234-2:2016
e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all industry sectors - Part 2: User Guide

Keel: en
Alusdokumendid: CEN/TR 16234-2:2016
Asendatud järgmise dokumendiga: CEN/TR 16234-2:2021
Standardi staatus: Kehtetu

CEN/TR 16234-3:2017
e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all industry sectors - Part 3: Methodology

Keel: en
Alusdokumendid: CEN/TR 16234-3:2017
Asendatud järgmise dokumendiga: CEN/TR 16234-3:2021
Standardi staatus: Kehtetu

CWA 16234-4:2014
European e-Competence Framework Version 3.0 - Part 4: Case studies for the application of the European e-Competence Framework 3.0

Keel: en
Alusdokumendid: CWA 16234-4:2014

Asendatud järgmise dokumendiga: CEN/TR 16234-4:2021
Standardi staatus: Kehtetu

EVS-EN 13321-1:2012

Open data communication in building automation, controls and building management - Home and building electronic system - Part 1: Product and system requirements

Keel: en
Alusdokumendid: EN 13321-1:2012
Asendatud järgmise dokumendiga: EVS-EN 13321-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 14819-2:2013

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 2: Event and information codes for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2013)

Keel: en
Alusdokumendid: ISO 14819-2:2013; EN ISO 14819-2:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 14819-2:2021
Standardi staatus: Kehtetu

EVS-EN ISO 14819-3:2013

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 3: Location referencing for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2013)

Keel: en
Alusdokumendid: ISO 14819-3:2013; EN ISO 14819-3:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 14819-3:2021
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 13423:2001

Compressed natural gas vehicle operations

Keel: en
Alusdokumendid: EN 13423:2000
Asendatud järgmise dokumendiga: EVS-EN 13423:2021
Standardi staatus: Kehtetu

EVS-EN ISO 20566:2013

Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO 20566:2013)

Keel: en
Alusdokumendid: ISO 20566:2013; EN ISO 20566:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 20566:2021
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-5:2005+A1:2009

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 5: Lennukite tankimisseadmed KONSOLIDEERITUD TEKST
Aircraft ground support equipment - Specific requirements - Part 5: Air-craft fuelling equipment CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 12312-5:2005+A1:2009
Asendatud järgmise dokumendiga: EVS-EN 12312-5:2021
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 17226-1:2019

Leather - Chemical determination of formaldehyde content - Part 1: Method using high performance liquid chromatography (ISO 17226-1:2018)

Keel: en
Alusdokumendid: ISO 17226-1:2018; EN ISO 17226-1:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 17226-1:2021
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 6540:2010
Maize - Determination of moisture content (on milled grains and on whole grains)

Keel: en
Alusdokumendid: ISO 6540:1980; EN ISO 6540:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 6540:2021
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 13423:2001
Compressed natural gas vehicle operations

Keel: en
Alusdokumendid: EN 13423:2000
Asendatud järgmise dokumendiga: EVS-EN 13423:2021
Standardi staatus: Kehtetu

EVS-EN 16942:2016
Mootorikütused. Mootorsõidukile sobivuse tähistamine. Tankijateabe graafiline väljendus
Fuels - Identification of vehicle compatibility - Graphical expression for consumer information

Keel: en, et
Alusdokumendid: EN 16942:2016
Asendatud järgmise dokumendiga: EVS-EN 16942:2016+A1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 17225-3:2014
Solid biofuels - Fuel specifications and classes - Part 3: Graded wood briquettes (ISO 17225-3:2014)

Keel: en
Alusdokumendid: ISO 17225-3:2014; EN ISO 17225-3:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 17225-3:2021
Standardi staatus: Kehtetu

EVS-EN ISO 17225-4:2014
Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2014)

Keel: en
Alusdokumendid: ISO 17225-4:2014; EN ISO 17225-4:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 17225-4:2021
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 12004-2:2008
Metallmaterjalid. Katusekatted ja sise- ja välisseina kattematerjalid. Stantsimiskõverate määramine. Osa 2: Stantsimiskõverate määramine laboris
Metallic materials - Sheet and strip - Determination of forming limit curves - Part 2: Determination of forming-limit curves in laboratory

Keel: en
Alusdokumendid: ISO 12004-2:2008; EN ISO 12004-2:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 12004-2:2021
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 16351:2015
Puitkonstruktsioonid. Ristkihtliimpuit. Nõuded
Timber structures - Cross laminated timber - Requirements

Keel: en
Alusdokumendid: EN 16351:2015
Asendatud järgmise dokumendiga: EVS-EN 16351:2021
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 1159-3:2003

Advanced technical ceramics - Ceramic composites, thermophysical properties - Part 3: Determination of specific heat capacity

Keel: en
Alusdokumendid: EN 1159-3:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 19628:2021
Parandatud järgmise dokumendiga: EVS-EN 1159-3:2003/AC:2008
Standardi staatus: Kehtetu

EVS-EN 1159-3:2003/AC:2008

Advanced technical ceramics - Ceramic composites, thermophysical properties - Part 3: Determination of specific heat capacity

Keel: en
Alusdokumendid: EN 1159-3:2003/AC:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 19628:2021
Standardi staatus: Kehtetu

EVS-EN 821-1:2000

Spetsiaalne tehniline keraamika. Monoliitkeraamika. Termofüüsikalised omadused. Osa 1: Soojuspaisumise määramine
Advanced technical ceramics - Monolithic ceramics - Thermo-physical properties - Part 1: Determination of thermal expansion

Keel: en
Alusdokumendid: EN 821-1:1995
Asendatud järgmise dokumendiga: EVS-EN ISO 17562:2021
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 1060-1:2000

Plastid. Vinüülkloriidi homopolümeer- ja kopolümeervaigud. Osa 1: Tähistussüsteem ja alus tehniliste andmete jaoks
Plastics - Homopolymer and copolymer resins of vinyl chloride - Part 1: Designation system and basis for specifications (ISO 1060-1:1998)

Keel: en
Alusdokumendid: ISO 1060-1:1998; EN ISO 1060-1:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 24024-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 1060-2:2000

Plastid. Vinüülkloriidi homopolümeer- ja kopolümeervaigud. Osa 2: Katsenäidiste ettevalmistamine ja omaduste määramine
Plastics - Homopolymer and copolymer resins of vinyl chloride - Part 2: Preparation of test samples and determination of properties

Keel: en
Alusdokumendid: ISO 1060-2:1998; EN ISO 1060-2:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 24024-2:2021
Standardi staatus: Kehtetu

EVS-EN ISO 11357-4:2014

Plastics - Differential scanning calorimetry (DSC) - Part 4: Determination of specific heat capacity (ISO 11357-4:2014)

Keel: en
Alusdokumendid: EN ISO 11357-4:2014; ISO 11357-4:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 11357-4:2021
Standardi staatus: Kehtetu

EVS-EN ISO 6721-3:2000

Plastid. Dünaamiliste mehhaaniliste omaduste määramine. Osa 3: Paindevibratsioon. Resonantskõverameetod
Plastics - Determination of dynamic mechanical properties - Part 3: Flexural vibration - Resonance-curve method

Keel: en
Alusdokumendid: ISO 6721-3:1994 + Cor.1:1995; EN ISO 6721-3:1996
Asendatud järgmise dokumendiga: EVS-EN ISO 6721-3:2021
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 20566:2013

Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO 20566:2013)

Keel: en
Alusdokumendid: ISO 20566:2013; EN ISO 20566:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 20566:2021
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 13321-1:2012

Open data communication in building automation, controls and building management - Home and building electronic system - Part 1: Product and system requirements

Keel: en
Alusdokumendid: EN 13321-1:2012
Asendatud järgmise dokumendiga: EVS-EN 13321-1:2021
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

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

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

11 TERVISEHOOLDUS

prEN ISO 10079-1

Medical suction equipment - Part 1: Electrically powered suction equipment (ISO/DIS 10079-1:2021)

This part of ISO 10079 specifies safety and performance requirements for electrically powered medical and surgical suction equipment. It applies to equipment used in health care facilities such as hospitals, for domiciliary care of patients and for field use and transport use. ISO 10079 Part 4 specifies general requirements for all medical suction equipment covered by the ISO 10079 series and is used as the basis for this Part 1. The exemptions listed in ISO 10079-4, Clause 1 shall apply.

Keel: en
Alusdokumendid: ISO/DIS 10079-1; prEN ISO 10079-1
Asendab dokumenti: EVS-EN ISO 10079-1:2015
Asendab dokumenti: EVS-EN ISO 10079-1:2015/A1:2019

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 10079-2

Medical suction equipment - Part 2: Manually powered suction equipment (ISO/DIS 10079-2:2021)

This part of ISO 10079 specifies safety and performance requirements for manually powered suction equipment intended for oro-haryngeal suction. It applies to equipment operated by foot or by hand or both. The commonest use of manually powered suction is in situations outside of healthcare settings often described as field use or transport use. Use in these situations may involve extreme conditions of weather or terrain. Additional/alternative requirements for manually powered suction equipment intended for field use or transport use are included in this part of ISO 10079. ISO 10079 Part 4 specifies general requirements for all medical suction equipment covered by the ISO 10079 series and is used as the basis for this Part 2. The exemptions listed in ISO 10079-4 Clause 1 shall apply. In addition this part of ISO 10079 does not apply to mucus extractors.

Keel: en
Alusdokumendid: ISO/DIS 10079-2; prEN ISO 10079-2
Asendab dokumenti: EVS-EN ISO 10079-2:2014

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 10079-3

Medical suction equipment - Part 3: Suction equipment powered from a vacuum or positive pressure gas source (ISO/DIS 10079-3:2021)

This part of ISO 10079 specifies basic safety and performance requirements for medical suction equipment powered from a vacuum or positive pressure gas source generating venturi suction. It applies to suction equipment connected to medical gas pipeline systems or cylinders and venturi attachments and can be stand-alone or part of an integrated system. ISO 10079 Part 4 specifies general requirements for all medical suction equipment covered by the ISO 10079 series and is used as the basis for this Part 3. The exemptions listed in ISO 10079-4, Clause 1, shall apply.

Keel: en
Alusdokumendid: ISO/DIS 10079-3; prEN ISO 10079-3
Asendab dokumenti: EVS-EN ISO 10079-3:2014

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 17664-1

Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices - Part 1: Critical and semi-critical medical devices (ISO/FDIS 17664-1:2020)

This document specifies requirements for the information to be provided by the medical device manufacturer for the processing of critical or semi-critical medical devices (i.e. a medical device that enters normally sterile parts of the human body or a medical device that comes into contact with mucous membranes or non-intact skin) or medical devices that are intended to be sterilized. This includes information for processing prior to use or reuse of the medical device. Processing instructions are not defined in this document. Rather, this document specifies requirements to assist manufacturers of medical devices in providing detailed processing instructions that consist of the following activities, where applicable: a) initial treatment at the point of use; b) preparation before cleaning; c) cleaning; d) disinfection; e) drying; f) inspection and maintenance; g) packaging; h) sterilization; i) storage; j) transportation. This document excludes processing of the following: — non-critical medical devices unless they are intended to be sterilized; — textile devices used in patient draping systems or surgical clothing; — medical devices specified by the manufacturer for single use only and supplied ready for use. NOTE See ISO 17664-2:—, Annex E, for further guidance on the application of the ISO 17664 series to a medical device.

Keel: en
Alusdokumendid: ISO/FDIS 17664-1; prEN ISO 17664-1
Asendab dokumenti: EVS-EN ISO 17664:2017

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 8536-15

Infusion equipment for medical use - Part 15: Light-protective infusion sets for single use (ISO/DIS 8536-15:2021)

This part of ISO 8536 specifies the requirements for infusion sets that use light-protective agents in the fluid path materials (abbreviated as "light-protective infusion sets" henceforth). This document also provides guidelines for performance and quality specifications of materials used in light-protective infusion sets.

Keel: en
Alusdokumendid: ISO/DIS 8536-15; prEN ISO 8536-15

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 8980-3

Ophthalmic optics - Uncut finished spectacle lenses - Part 3: Transmittance specifications and test methods (ISO/DIS 8980-3:2021)

This part of ISO 8980 specifies requirements for the transmittance properties of uncut and unmounted finished spectacle lenses, including attenuation of solar radiation. This part of ISO 8980 is not applicable to — spectacle lenses having specific transmittance or absorption characteristics prescribed for medical reasons; — products to which specific personal protective equipment transmittance standards apply; — products intended for direct observation of the sun, such as for solar-eclipse viewing. NOTE 1 By reference to ISO 21987 and ISO 14889, this document also applies to lenses mounted in spectacles. NOTE 2 Optical and geometric requirements are specified for uncut finished spectacle lenses in ISO 8980-1 and ISO 8980-2, and for mounted lenses, in ISO 21987.

Keel: en
Alusdokumendid: ISO/DIS 8980-3; prEN ISO 8980-3
Asendab dokumenti: EVS-EN ISO 8980-3:2013

Arvamusküsitluse lõppkuupäev: 13.05.2021

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 1999-1-2

Eurocode 9 - Design of aluminium structures - Part 1-2: Structural fire design

1.1 Scope of EN 1999-1-2 (1) EN 1999-1-2 deals with the design of aluminium structures for the accidental situation of fire exposure and is intended to be used in conjunction with EN 1999-1-1, EN 1999-1-2, EN 1999-1-3, EN 1999-1-4 and EN 1999-1-5. This document only identifies differences from, or supplements to, normal temperature design. (2) EN 1999-1-2 applies to aluminium structures required to fulfil a load bearing function. (3) EN 1999-1-2 gives principles and application rules for the design of structures for specified requirements in respect of the aforementioned function and the levels of performance. (4) EN 1999-1-2 applies to structures, or parts of structures, that are within the scope of EN 1999-1-1 and are designed accordingly. (5) The methods given in EN 1999-1-2 are applicable to the following aluminium alloys: EN AW-3004 - H34 EN AW-5083 - O and H12 EN AW-6063 - T5 and T6 EN AW-5005 - O and H34 EN AW-5454 - O and H34 EN AW-6082 - T4 and T6 EN AW-5052 - H34 EN AW-6061 - T6 (6) The methods given in EN 1999-1-2 are applicable also to other aluminium alloy/tempers of EN 1999 1-1, if reliable material properties at elevated temperatures are available or the simplified assumptions in 5.2.1 are applied. 1.2 Assumptions (1) In addition to the general assumptions of EN 1990, the following assumptions apply: - the choice of the relevant design fire scenario is made by appropriate qualified and experienced personnel, or is given by the relevant national regulation. - any active and passive fire protection systems taken into account in the design will be adequately maintained. (2) For the design of new structures, EN 1999 is intended to be used, for direct application, together with EN 1990, EN 1991, EN 1992, EN 1993, EN 1994, EN 1995, EN 1997, EN 1998 and EN 1999. (3) EN 1999 is intended to be used in conjunction with: - European Standards for construction products relevant for aluminium structures - EN 1090-1, Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components - EN 1090-3, Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures

Keel: en
Alusdokumendid: prEN 1999-1-2
Asendab dokumenti: EVS-EN 1999-1-2/NA:2010
Asendab dokumenti: EVS-EN 1999-1-2:2007
Asendab dokumenti: EVS-EN 1999-1-2:2007/AC:2009

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 60335-2-11:2020/prAA:2021

Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers

This European Standard deals with the safety of electric tumble dryers intended for household and similar purposes. The rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-11:2020/prAA:2021
Muudab dokumenti: prEN IEC 60335-2-11

Arvamusküsitluse lõppkuupäev: 13.04.2021

prEN IEC 60335-2-7:2020/prAA:2021

Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machine

This European Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-7:2020/prAA:2021
Muudab dokumenti: prEN IEC 60335-2-7

Arvamusküsitluse lõppkuupäev: 13.04.2021

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 60216-6:2021

Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method

This part of IEC 60216 specifies the experimental and calculation procedures for deriving the thermal endurance characteristics, temperature index (TI) and relative temperature index (RTI) of an electrical insulating material (EIM) using the "fixed time frame method (FTFM)". In this protocol, the ageing takes place for a small number of fixed times, using the appropriate number of ageing temperatures throughout each time, the properties of the specimens being measured at the end of the relevant time interval. This differs from the procedure of IEC 60216-1, where ageing is conducted at a small number of fixed temperatures, property measurement taking place after ageing times dependent on the progress of ageing. The diagnostic tests employed in the fixed time frame method are restricted to destructive tests. The method has not yet been applied to non-destructive or proof test procedures. Both the TI and the RTI determined according to the FTFM protocol are derived from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2 as modified in this part of IEC 60216. The calculation procedures and statistical tests are modified from those of IEC 60216-3 and IEC 60216-5.

Keel: en
Alusdokumendid: IEC 60216-6:202X; prEN IEC 60216-6:2021
Asendab dokumenti: EVS-EN 60216-6:2006

Arvamusküsitluse lõppkuupäev: 13.05.2021

19 KATSETAMINE

prEN IEC 60216-5:2021

Electrical insulating materials - Thermal endurance properties - Part 5: Determination of relative temperature index (RTI) of an insulating material

This part of IEC 60216 specifies the experimental and calculation procedures to be used for deriving the relative temperature index of a material from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2. The calculation procedures are supplementary to those of IEC 60216-3. Guidance is also given for assessment of thermal ageing after a single fixed time and temperature, without extrapolation. The experimental data may in principle be obtained using destructive, non-destructive or proof tests, although destructive tests have been much more extensively employed. Data obtained from non-destructive or proof tests may be “censored”, in that measurement of times taken to reach the endpoint may have been terminated at some point after the median time but before all specimens have reached end-point (see IEC 60216-1). Guidance is given for preliminary assignment of a thermal class for an electrical insulating material (EIM), based upon the thermal ageing performance. The calculation procedures of this standard also apply to the determination of the thermal class of an electrical insulation system (EIS) when the thermal stress is the prevailing ageing factor.

Keel: en

Alusdokumendid: IEC 60216-5:202X; prEN IEC 60216-5:2021
Asendab dokumenti: EVS-EN 60216-5:2008

Arvamusküsitluse lõppkuupäev: 13.05.2021

25 TOOTMISTEHNOLOOGIA

prEN IEC 62453-2:2021

Field device tool (FDT) interface specification - Part 2: Concepts and detailed description

This part of IEC 62453 explains the common principles of the field device tool concept. These principles can be used in various industrial applications such as engineering systems, configuration programs and monitoring and diagnostic applications. This standard specifies the general objects, general object behavior and general object interactions that provide the base of FDT.

Keel: en
Alusdokumendid: IEC 62453-2:202X; prEN IEC 62453-2:2021
Asendab dokumenti: EVS-EN 62453-2:2017

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 7668

Anodizing of aluminium and its alloys - Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees (ISO/DIS 7668:2021)

This document specifies methods for the measurement of specular reflectance and specular gloss of flat samples of anodized aluminium using geometries of 20° (Method A), 45° (Method B), 60° (Method C) and 85° (Method D); and of specular reflectance by an additional 45° method (Method E) employing a narrow acceptance angle. The methods described are intended mainly for use with clear anodized surfaces. They can be used with colour-anodized aluminium, but only with similar colours.

Keel: en
Alusdokumendid: ISO/DIS 7668; prEN ISO 7668
Asendab dokumenti: EVS-EN ISO 7668:2018

Arvamusküsitluse lõppkuupäev: 13.05.2021

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN IEC 62788-5-1:2020/prA1:2021

Measurement procedures for materials used in photovoltaic modules - Part 5-1: Edge seals - Suggested test methods for use with edge seal materials

Amendment to EN IEC 62788-5-1:2020

Keel: en
Alusdokumendid: IEC 62788-5-1:2020/A1:202X; EN IEC 62788-5-1:2020/prA1:2021
Muudab dokumenti: EVS-EN IEC 62788-5-1:2020

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 61226:2021

Nuclear power plants - Instrumentation, control and electrical power systems important to safety - Categorization of functions and classification of systems

This document establishes, for nuclear power plants, a method of assignment of the functions specified for the plant into categories according to their importance to safety. Subsequent classification of the I&C and electrical power systems performing or supporting these functions, based on the assigned category, then determines relevant design criteria. The design criteria, when applied, ensure the achievement of each function in accordance to its importance to safety. In this document, the criteria are those of functionality, reliability, performance, environmental qualification (e.g. seismic) and quality assurance (QA). This document is applicable to: - the functions important to safety that are performed by I&C systems and supported by electrical power systems (categorization of I&C functions), - the I&C systems that enable those functions to be implemented (classification of I&C systems), - the electrical power systems that support those functions (classification of electrical power systems). The systems under consideration provide automated protection, closed or open loop control, information to the operating staff, and electrical power supply to systems. These systems keep the NPP conditions inside the safe operating envelope and provide automatic actions, or enable manual actions, that prevent or mitigate accidents, or that prevent or minimize radioactive releases to the site or wider environment. The I&C and electrical power systems that fulfil these roles safeguard the health and safety of the NPP operators and the public. This document follows the general principles given in IAEA Safety Requirement SSR-2/1 and Safety Guides SSG-30, SSG-34 and SSG-39, and it defines a structured method of applying the guidance contained in those codes and standards to the I&C and electrical power systems that perform functions important to safety in a NPP. This document is read in association with the IAEA guides together with IEC 61513 and IEC 63046 in implementing the requirements of the IEC 61508 series. The overall classification scheme of structures, systems and components for NPPs can be summarized as follows by Figure 1.

Keel: en
Alusdokumendid: IEC 61226:2020; prEN IEC 61226:2021
Asendab dokumenti: EVS-EN 61226:2010

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 62093:2021

Power conversion equipment for photovoltaic systems - Design qualification testing

This International Standard lays down IEC requirements for the design qualification of power conversion equipment (PCE) suitable for long-term operation in terrestrial photovoltaic (PV) systems. 1.1 Equipment included in this scope This document covers the following items in its scope: electronic power conversion equipment intended for use in terrestrial PV applications. The term PCE refers to equipment and components for electronic power conversion of electric power into another kind of electric power with respect to voltage, current, and frequency. This standard is suitable for PCE for use in both indoor and outdoor climates as defined in IEC 60721-3-3 and IEC 60721-3-4. Such equipment may include, but is not limited to, grid-tied and off-grid DC-to-AC PCEs, DC-to-DC converters, battery charger converters, and battery charge controllers. This standard covers PCE that is connected to PV arrays that do not nominally exceed a maximum circuit voltage of 1500 V DC. The equipment may also be connected to systems not exceeding 1000 V AC at the AC mains circuits, non-main AC load circuits, and to other DC source or load circuits such as batteries. If particular ancillary parts whereby manufacturers and models are specified in the manual for use with the PCE, then those parts shall be tested with the PCE. 1.2 Equipment for which other requirements may apply This standard has not been written to address characteristics of power sources other than PV systems, such as wind turbines, fuel cells, rotating machine sources, etc. This standard has not been written with the intent of addressing the characteristics of power electronic conversion equipment fully integrated into photovoltaic modules. Separate standards exist or are in development for those types of devices. It is, however, applicable to devices where the manufacturer explicitly specifies the capability of full detachment from and subsequent reattachment to the PV module or if the input and output terminals can be accessed and a specification sheet for the PCE is available. Devices meeting these requirements may be tested as individual samples independent from the PV module. This standard does not apply to power conversion equipment with integrated (built-in) electrochemical energy storage (e.g. lead acid or lithium-ion). It is, however, applicable to equipment where the manufacturer specifies and permits complete removal of the electrochemical energy storage from the PCE so that stand-alone assessment of the PCE with the storage removed becomes possible. 1.3 Object The object of the test sequences contained herein is to establish a basic level of durability and to show, as far as it is possible within reasonable constraints of cost and time, that the PCE is capable of maintaining this performance after prolonged exposure to the simulated environmental stresses described herein that are based on the intended use conditions specified by the manufacturer. Optional tests contained herein may be selected depending on the intended installation, market, or special environmental conditions that the PCE is anticipated to experience. The categorization imposes differentiated test sequences and test severity levels reflecting the different requirements of mechanical and electrical 56 components in different environments. PCE are grouped into categories based on size and installation environment. The actual life expectancy of components so qualified will depend on their design, their environment, and the conditions under which they are operated. Estimation of a lifetime and wear out is not generally covered by this standard.

Keel: en
Alusdokumendid: IEC 62093:202X; prEN IEC 62093:2021
Asendab dokumenti: EVS-EN 62093:2005

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 62788-7-3:2021

Measurement procedures for materials used in photovoltaic modules - Part 7-3: Environmental exposures - Accelerated abrasion tests of PV module external surfaces

This standard defines the test methods that can be used for evaluating the abrasive durability of materials and coatings in photovoltaic modules or other solar devices. The standard was developed to address components on the irradiance incident surface (including coatings, frontsheet, and glass) as well as back surfaces (including backsheets or back glass). This standard is intended to address abrasion of PV materials and components using representative "coupon" specimens (e.g. which can be centimetres in size); some methods and apparati used here can also be used on PV module specimens (e.g. meters in size). The test methods are intended to imitate damage mechanisms that can occur due to terrestrial use or occurring during the cleaning of photovoltaic modules. A suite of tests and their methods are identified in this standard, including falling sand, forced sand impingement, and machine (brush) abrasion. The methods are intended apply to the front-surface and back-surface of PV modules, and can have test levels specific the test surface of interest. Materials and coatings can have different intended design purposes and design lifetimes and therefore no specific pass/fail criteria are defined in this standard. The results of the testing can, however, be used to identify relative durability of coatings for various outdoor environments and cleaning practices. The methods can be used for the purpose of relative comparison, e.g. for the purpose of material or coating selection. The quantitative correlation between artificial abrasion and field erosion (which will depend on factors including climate or location of use as well as application, e.g., utility installation, residential-installation, roof-mount, rack-mount, use of a tracker, the system electrical configuration and its operation, vehicle integrated PV) can be established for each specific material or coating, which is beyond the scope of this document. The methods related to the characterization of abraded specimens (which might include optical transmittance, optical reflectance, surface roughness, and surface energy) are not defined in this standard; characterization methods from other standards (including optical transmittance, optical reflectance, electrical performance, surface roughness, and surface energy) can be applied to specimens abraded using the methods defined in this standard. Methods for examining the contamination of specimens, including artificial soiling, are not examined in this standard. Additional specimen conditioning can be applied prior to the methods in this standard. The abrasion tests in this standard can be referenced and/or applied in conjunction with an accelerated test or test sequence in other standards.

Keel: en
Alusdokumendid: IEC 62788-7-3:202X; prEN IEC 62788-7-3:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 62855:2021

Nuclear power plants - Electrical power systems - Electrical power systems analysis

IEC 62855 provides the electrotechnical engineering guidelines for analysis of AC and DC electrical power systems in nuclear power plants (NPPs) in order to demonstrate that the power sources and the distribution systems have the capability for safe operation and shut down of the NPP, bringing it to a controlled state after an anticipated operational occurrence or accident conditions and finally reaching a safe state. The analytical studies discussed in this document provide assurance that the design bases are satisfied to meet their functional requirements under the conditions produced by the applicable design basis events. The studies provide assurance that the electrical power system is capable of supporting safety functions during all required plant conditions. NOTE The safety functions are described in IAEA Specific Safety Requirements SSR-2/1 related to the design of the nuclear power plants.. Analytical studies validate the robustness and adequacy of design margins and demonstrate the capability of electrical power systems to support plant operation for normal, abnormal, degraded and accident conditions. The analyses are used to verify that the electrical power system can withstand minor disturbances and that the consequences of major disturbances or failures do not degrade the capability of the electrical power systems to support safe shutdown of the plant and maintain the plant in shutdown condition. The analyses are performed with one or more of • simulation tools (software and hardware) that have been verified and validated, • hand calculations, and • tests. This document provides guidance on the types of analyses required to demonstrate that the plant's auxiliary power system can perform the required safety functions. This document does not provide specific details on how the analysis should be conducted. This document does not cover digital controllers (such as controllers for rectifiers, inverters, sequencers and electrical protection devices) used in electrical power systems. IEC 61513 gives recommendations that apply to the electronic controls and protective elements of the electrical power systems. This document does not include environmental conditions (i.e. temperature, humidity, etc.) or external events (seismic, flooding, fire, high energy electromagnetic pulse, etc.) that may impact equipment sizing or protection requirements. The external events lightning and geomagnetic storms are included. This document does not cover additional or unique requirements for stand-alone power system, such as power supplies for security measures in NPPs. Pertinent clauses of this document may be used as a guideline for such systems. Redundancy in the power system design can increase the availability of electrical power to critical plant equipment. Performing a probabilistic risk assessment (PRA) is a method of assessing system availability and optimizing design for high reliability. This document does not cover improving the reliability of NPP electrical power systems using statistical or diverse and redundant schemes. Requirements for safeguards of personnel involved with installation, maintenance and operation of electrical systems and general personal safety are outside the scope of this document. General guidance for lightning protection of equipment is provided in relevant clauses of this document. This document is intended to be used: • for verification of the design of new nuclear power plants, • for demonstrating the adequacy and impact of major modifications of electrical power systems in operating nuclear power plants, and • where there is a requirement to assess and establish operating limits and constraints for existing plants. Pertinent parts of this document can be used as guidance for decommissioning stages.

Keel: en
Alusdokumendid: IEC 62855:2016; prEN IEC 62855:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 62954:2021

Nuclear power plants - Control rooms - Requirements for emergency response facilities

This document presents the requirements for the on-site emergency response facilities (referred to hereinafter as the “ERF”) which are to be used in case of incidents or accidents occurring on the associated Nuclear Power Plant (NPP). The ERF consists of the Emergency Response Centre (ERC), the Technical Support Centre (TSC) and the Operational Support Centre (OSC), as shown in Figure 1. It establishes requirements for the ERF features and ERF I&C equipment to: • coordinate on-site operational efforts with respect to safety and radioprotection; • optimize the design in terms of environment control, lighting, power supplies and access control of the ERF; • enhance the identification and resolution of potential conflicts between the traditional operational means and emergency means (MCR/SCR and ERF, operating staff and emergency teams, operational procedures and emergency procedures); • aid the identification and the enhancement of the potential synergies between the traditional operational means and emergency means. This document is intended for application to new nuclear power plants whose conceptual design is initiated after the publication of this document, but it may also be used for designing and implementing ERF in existing nuclear power plants or in any other nuclear facility. Detailed equipment design is outside the scope of this document. This document does not define the situations (reactor plant conditions, hazards and magnitudes of hazards) leading to mobilisation of emergency response teams and activation / use of the ERF. These aspects are usually addressed in the NPP Emergency Plan. However, the need for consistency of the ERF design and operation with the NPP Emergency Plan is within scope.

Keel: en
Alusdokumendid: IEC 62954:2019; prEN IEC 62954:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC/IEEE 62582-6:2021

Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 6: Insulation resistance

This part of IEC/IEEE 62582 contains methods for condition monitoring of organic and polymeric materials in instrumentation and control cables using insulation resistance measurements in the detail necessary to produce accurate and reproducible results during simulated accident conditions. It includes the requirements for the measurement system and measurement procedure, and the reporting of the measurement results. NOTE Measurement of insulation resistance during simulated accident conditions with the aim of determining the lowest value during the accident in order to assess cable performance involves special requirements given in this document. Methods for measurement under stable (non-accident) conditions are available in other international standards, e.g. IEC 62631-3-3. The different parts of the IEC/IEEE 62582 series are measurement standards, primarily for use in the management of ageing in initial qualification and after installation. IEC/IEEE 62582-1 includes requirements for the application of the other parts of the IEC/IEEE 62582 series and some elements which are

common to all methods. Information on the role of condition monitoring in qualification of equipment important to safety is found in IEC/IEEE 60780-323.

Keel: en
Alusdokumendid: IEC/IEEE 62582-6:2019; prEN IEC/IEEE 62582-6:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

29 ELEKTROTEHNIKA

EN IEC 62271-209:2019/prA1:2021

Amendment 1 - High-voltage switchgear and controlgear - Part 209: Cable connections for gasinsulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations

Amendment to EN IEC 62271-209:2019

Keel: en
Alusdokumendid: IEC 62271-209:2019/A1:202X; EN IEC 62271-209:2019/prA1:2021
Muudab dokumenti: EVS-EN IEC 62271-209:2019

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 60034-33:2021

Rotating electrical machines - Part 33: Specific technical requirements for synchronous hydrogenerators including motor-generators

This part of IEC 60034 applies to three-phase salient-pole synchronous generators and synchronous motor-generators for hydraulic turbine and pump-turbine applications, that have rated frequency of 50 Hz or 60 Hz, rated output of 10 MVA and above, pole pair number 3 and above, and rated voltage of 6 kV and above. This document supplements basic requirements for rotating machines given in IEC 60034-1.

Keel: en
Alusdokumendid: IEC 60034-33:202X; prEN IEC 60034-33:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 60216-5:2021

Electrical insulating materials - Thermal endurance properties - Part 5: Determination of relative temperature index (RTI) of an insulating material

This part of IEC 60216 specifies the experimental and calculation procedures to be used for deriving the relative temperature index of a material from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2. The calculation procedures are supplementary to those of IEC 60216-3. Guidance is also given for assessment of thermal ageing after a single fixed time and temperature, without extrapolation. The experimental data may in principle be obtained using destructive, non-destructive or proof tests, although destructive tests have been much more extensively employed. Data obtained from non-destructive or proof tests may be “censored”, in that measurement of times taken to reach the endpoint may have been terminated at some point after the median time but before all specimens have reached end-point (see IEC 60216-1). Guidance is given for preliminary assignment of a thermal class for an electrical insulating material (EIM), based upon the thermal ageing performance. The calculation procedures of this standard also apply to the determination of the thermal class of an electrical insulation system (EIS) when the thermal stress is the prevailing ageing factor.

Keel: en
Alusdokumendid: IEC 60216-5:202X; prEN IEC 60216-5:2021
Asendab dokumenti: EVS-EN 60216-5:2008

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 60216-6:2021

Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method

This part of IEC 60216 specifies the experimental and calculation procedures for deriving the thermal endurance characteristics, temperature index (TI) and relative temperature index (RTI) of an electrical insulating material (EIM) using the "fixed time frame method (FTFM)". In this protocol, the ageing takes place for a small number of fixed times, using the appropriate number of ageing temperatures throughout each time, the properties of the specimens being measured at the end of the relevant time interval. This differs from the procedure of IEC 60216-1, where ageing is conducted at a small number of fixed temperatures, property measurement taking place after ageing times dependent on the progress of ageing. The diagnostic tests employed in the fixed time frame method are restricted to destructive tests. The method has not yet been applied to non-destructive or proof test procedures. Both the TI and the RTI determined according to the FTFM protocol are derived from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2 as modified in this part of IEC 60216. The calculation procedures and statistical tests are modified from those of IEC 60216-3 and IEC 60216-5.

Keel: en
Alusdokumendid: IEC 60216-6:202X; prEN IEC 60216-6:2021
Asendab dokumenti: EVS-EN 60216-6:2006

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 60598-2-20:2021

Luminaires - Part 2-20: Particular requirements - Lighting chains

This part of IEC 60598 specifies requirements for lighting chains fitted with series, parallel or a combination of series/parallel connected light sources for use either indoors or outdoors on supply voltages not exceeding 250 V. For combinations where rope lights (also known as sealed lighting chains) are included, see IEC 60598-2-21. Lighting chains provided with fixed or detachable attachments e.g. ornamental or decorative, are considered to be covered by this standard. For lighting chains fitted with lampholders of the push-in type, the appropriate requirements of this standard applies. This Standard covers the following lighting chains: (a) Permanently installed lighting chains (b) Temporarily installed lighting chains (c) Temporarily installed protected lighting (TPL) chains. NOTE 1 Festoon lighting chain - a lighting chain that is supported by the supply cable or fixed at the lampholder and is permanently connected to the fixed wiring. Festoon lighting chains are primarily suitable for permanent indoor or outdoor lighting application, NOTE 2 Decorative lighting chain - a lighting chain that is supported by the supply cable and is temporarily connected to the fixed wiring. Decorative lighting chains are primarily suitable for domestic, indoor or indoor/outdoor temporary lighting applications, see Figure 1 for examples. NOTE 3 Temporarily installed protected lighting (TPL) chain - a lighting chain where each lampholder is fixed to the building or structure and the light source is enclosed by a protective enclosure and is temporarily connected to the fixed wiring. Temporarily installed protected lighting chains are primarily suitable for use in rough service lighting applications. For lighting chains with non-standardised lamps (e.g. lamps of the push-in type) the lamps are regarded as a part of the lighting chain and consequently included in the testing. NOTE 4 For products where the lighting chain is permanently fixed to a frame or pre-lit Christmas tree the relevant clauses of IEC 60598-2-4 can also apply. NOTE 5 In some countries the term "strings" is used instead of "chains". NOTE 6 Candlestick luminaries are tested according to IEC 60598-2-4.

Keel: en
Alusdokumendid: IEC 60598-2-20:202X; prEN IEC 60598-2-20:2021
Asendab dokumenti: EVS-EN 60598-2-20:2015
Asendab dokumenti: EVS-EN 60598-2-20:2015/AC:2017

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 60598-2-20:2021/prAA

Luminaires - Part 2-20: Particular requirements - Lighting chains

Common modification to prEN IEC 60598-2-20:2021

Keel: en
Alusdokumendid: prEN IEC 60598-2-20:2021/prAA
Muudab dokumenti: prEN IEC 60598-2-20:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 62660-3:2021

Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 3: Safety requirements

This part of IEC 62660 specifies test procedures and acceptance criteria for safety performance of secondary lithium-ion cells and cell blocks used for propulsion of electric vehicles (EV) including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). This document intends to determine the basic safety performance of cells used in a battery pack and system under intended use and reasonably foreseeable misuse or incident, during the normal operation of the EV. The safety requirements of the cell in this document are based on the premise that the cells are properly used in a battery pack and system within the limits for voltage, current and temperature as specified by the cell manufacturer (cell operating region). The evaluation of the safety of cells during transport and storage is not covered by this document. NOTE 1 The safety performance requirements for lithium-ion battery packs and systems are defined in ISO 6469-1. The specifications and safety requirements for lithium-ion battery packs and systems of electrically propelled mopeds and motorcycles are defined in ISO 18243. IEC 62619 covers the safety requirements for the lithium-ion cells and batteries for industrial application including, e.g. forklift truck, golf cart, and automated guided vehicle. NOTE 2 Information on the cell operating region is provided in Annex A.

Keel: en
Alusdokumendid: IEC 62660-3:202X; prEN IEC 62660-3:2021
Asendab dokumenti: EVS-EN 62660-3:2016

Arvamusküsitluse lõppkuupäev: 13.05.2021

31 ELEKTROONIKA

prEN IEC 62819:2021

Semiconductor devices - Reliability test method for silicon carbide discrete metal-oxide semiconductor field effect transistors - Part 1: Test method for bias temperature instability

This part of IEC 63275-1 gives a test method to evaluate gate threshold voltage shift of silicon carbide (SiC) power metal-oxide-semiconductor field-effect transistors (MOSFETs) using room temperature readout after applying continuous positive gate-source voltage stress at elevated temperature. The proposed method accepts a certain amount of recovery by allowing large delay times between stress and measurement (up to 10h).

Keel: en
Alusdokumendid: IEC 62819:202X; prEN IEC 62819:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 63041-1:2021
Piezoelectric sensors - Part 1: Generic specifications

This part of IEC 63041 applies to piezoelectric sensors of resonator, delay-line and non acoustic types, which are used in physical and engineering sciences, chemistry and biochemistry, medical and environmental sciences, etc. The purpose of this document is to specify the terms and definitions for the piezoelectric sensors, and to make sure from a technological perspective that users understand the state-of-art piezoelectric sensors and how to use them correctly.

Keel: en
Alusdokumendid: IEC 63041-1:202X; prEN IEC 63041-1:2021
Asendab dokumenti: EVS-EN IEC 63041-1:2018

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 63275-1:2021
Semiconductor devices - Reliability test method for silicon carbide discrete metal-oxide semiconductor field effect transistors - Part 1: Test method for bias temperature instability

This part of IEC 63275-1 gives a test method to evaluate gate threshold voltage shift of silicon carbide (SiC) power metal-oxide-semiconductor field-effect transistors (MOSFETs) using room temperature readout after applying continuous positive gate-source voltage stress at elevated temperature. The proposed method accepts a certain amount of recovery by allowing large delay times between stress and measurement (up to 10h).

Keel: en
Alusdokumendid: IEC 63275-1:202X; prEN IEC 63275-1:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 63275-2:2021
Semiconductor devices - Reliability test method for silicon carbide discrete metal-oxide semiconductor field effect transistors - Part 2: Test method for bipolar degradation due to body diode operation

This part of IEC 63275-2 gives the test method and a procedure using this method to evaluate the on-state voltage change and on-resistance change of silicon carbide (SiC) 35 power MOSFET devices due to body diode operation. This test is not generally requested for Si power transistors.

Keel: en
Alusdokumendid: IEC 63275-2:202X; prEN IEC 63275-2:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 63284:2021
Semiconductor devices - Reliability test method by inductive load switching for gallium nitride transistors

This document covers the protocol of performing a stress procedure and a corresponding test method to evaluate the reliability of Gallium Nitride (GaN) power transistors by inductive load switching, specifically hard-switching stress.

Keel: en
Alusdokumendid: IEC 63284:202X; prEN IEC 63284:2021

Arvamusküsitluse lõppkuupäev: 13.05.2021

33 SIDETEHNIKA

prEN IEC 60335-2-7:2020/prAA:2021
Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machine

This European Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-7:2020/prAA:2021
Muudab dokumenti: prEN IEC 60335-2-7

Arvamusküsitluse lõppkuupäev: 13.04.2021

35 INFOTEHNOLOOGIA

prEN IEC 62453-2:2021
Field device tool (FDT) interface specification - Part 2: Concepts and detailed description

This part of IEC 62453 explains the common principles of the field device tool concept. These principles can be used in various industrial applications such as engineering systems, configuration programs and monitoring and diagnostic applications. This standard specifies the general objects, general object behavior and general object interactions that provide the base of FDT.

Keel: en
Alusdokumendid: IEC 62453-2:202X; prEN IEC 62453-2:2021
Asendab dokumenti: EVS-EN 62453-2:2017

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 19168-1
Geographic information - Geospatial API for features - Part 1: Core (ISO 19168-1:2020)

This document specifies the behaviour of Web APIs that provide access to features in a dataset in a manner independent of the underlying data store. This document defines discovery and query operations. Discovery operations enable clients to interrogate the API, including the API definition and metadata about the feature collections provided by the API, to determine the capabilities of the API and retrieve information about available distributions of the dataset. Query operations enable clients to retrieve features from the underlying data store based upon simple selection criteria, defined by the client.

Keel: en
Alusdokumendid: ISO 19168-1:2020; prEN ISO 19168-1

Arvamusküsitluse lõppkuupäev: 13.05.2021

43 MAANTEESÕIDUKITE EHITUS

EN 17406:2020/prA1
Classification for bicycles usage

This document defines a classification of bicycle usage conditions and it provides a method of identifying bicycles and components for use within this system. This classification gives a uniform set of usage definitions within the bicycle industry and it includes a set of graphical indicators to provide retailers and consumers with an indication of the intended use of a particular bicycle or aftermarket components.

Keel: en
Alusdokumendid: EN 17406:2020/prA1
Muudab dokumenti: EVS-EN 17406:2020

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN IEC 62660-3:2021
Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 3: Safety requirements

This part of IEC 62660 specifies test procedures and acceptance criteria for safety performance of secondary lithium-ion cells and cell blocks used for propulsion of electric vehicles (EV) including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). This document intends to determine the basic safety performance of cells used in a battery pack and system under intended use and reasonably foreseeable misuse or incident, during the normal operation of the EV. The safety requirements of the cell in this document are based on the premise that the cells are properly used in a battery pack and system within the limits for voltage, current and temperature as specified by the cell manufacturer (cell operating region). The evaluation of the safety of cells during transport and storage is not covered by this document. NOTE 1 The safety performance requirements for lithium-ion battery packs and systems are defined in ISO 6469-1. The specifications and safety requirements for lithium-ion battery packs and systems of electrically propelled mopeds and motorcycles are defined in ISO 18243. IEC 62619 covers the safety requirements for the lithium-ion cells and batteries for industrial application including, e.g. forklift truck, golf cart, and automated guided vehicle. NOTE 2 Information on the cell operating region is provided in Annex A.

Keel: en
Alusdokumendid: IEC 62660-3:202X; prEN IEC 62660-3:2021
Asendab dokumenti: EVS-EN 62660-3:2016

Arvamusküsitluse lõppkuupäev: 13.05.2021

45 RAUDTEETEHNIKA

EN 14601:2005+A1:2010/prA2
Railway applications - Straight and angled end cocks for brake pipe and main reservoir pipe

Revised Annex ZA

Keel: en
Alusdokumendid: EN 14601:2005+A1:2010/prA2
Muudab dokumenti: EVS-EN 14601:2005+A1:2010

Arvamusküsitluse lõppkuupäev: 13.05.2021

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 17436
Cabin air quality on civil aircraft - Chemical compounds

This document defines requirements and recommendations dealing with the quality of the air on civil aircraft concerning chemical compounds potentially originating from, but not limited, to, the ventilation air supplied to the cabin and flight deck. A special emphasis is on the engine and APU bleed air contaminants potentially brought into the cabin through the air conditioning, pressurization and ventilation systems. The document is applicable to civil aircraft in operation from the period that is defined as when the first person enters the aircraft until the last person leaves the aircraft. The document defines requirements and recommendations in relation to the presence of, and means to prevent exposure to, chemical compounds, including those that could cause adverse effects, taking into account the Precautionary Principle.

Keel: en
Alusdokumendid: prEN 17436

Arvamusküsitluse lõppkuupäev: 13.04.2021

prEN 3375-011
Aerospace series - Cable, electrical for digital data transmission - Part 011: Single braid - Star Quad 100 ohms - Light weight - Type KL - Product standard

This document specifies the dimensions, tolerances, required characteristics and the mass of an AWG 24 shielded quad cable, type KL, intended for high speed (100 Mbit/s) full duplex Ethernet networks. Linked to this particular application, the operating temperatures of the cable are between −65 °C and 125 °C. This cable is laser markable, this marking satisfies the requirements of EN 3838. The characteristics impedance are 100 Ω ± 15 Ω.

Keel: en
Alusdokumendid: prEN 3375-011
Asendab dokumenti: EVS-EN 3375-011:2017

Arvamusküsitluse lõppkuupäev: 13.04.2021

65 PÕLLUMAJANDUS

prEN 17647
General principles for manufacturing, filling and holding e-liquids for prefilled containers or products

Applicable to the manufacture, and use in manufacture, of liquids for use in electronic cigarettes and similar vapour producing devices intended for the production of aerosol for consumption by inhalation. Applicable to liquids with or without nicotine content. The standard will specify the minimum safety and quality requirements for the manufacture of such liquids and for their filling and holding when used in the manufacture of prefilled electronic cigarette devices.

Keel: en
Alusdokumendid: prEN 17647

Arvamusküsitluse lõppkuupäev: 13.05.2021

71 KEEMILINE TEHNOLOOGIA

prEN 936
Chemicals used for treatment of water intended for human consumption - Carbon dioxide

This document is applicable to carbon dioxide used for treatment of water intended for human consumption. It describes the characteristics of carbon dioxide and specifies the requirements and corresponding analytical methods for carbon dioxide. It also gives information on its use in water treatment.

Keel: en
Alusdokumendid: prEN 936
Asendab dokumenti: EVS-EN 936:2013

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 24442
Cosmetics - Sun protection test methods - In vivo determination of sunscreen UVA protection (ISO/DIS 24442:2021)

This International Standard specifies a method for the in vivo determination of UVA protection factor (UVAPF) of sunscreen products. This International standard is applicable to products that contain any component able to absorb, reflect or scatter ultraviolet (UV) rays and which are intended to be placed in contact with human skin. It provides a basis for the evaluation of sunscreen products for the protection of human skin against UVA radiation induced by solar ultraviolet rays.

Keel: en
Alusdokumendid: ISO/DIS 24442; prEN ISO 24442

Asendab dokumenti: EVS-EN ISO 24442:2011

Arvamusküsitluse lõppkuupäev: 13.05.2021

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 12017

Plastics - Poly(methyl methacrylate) double- and triple-skin sheets - Test methods (ISO/FDIS 12017:2021)

This document specifies the test methods for quality control of poly(methyl methacrylate) (PMMA) extruded double- and triple-skin flat sheets, obtained from colourless and coloured transparent, translucent and opaque grades of materials. The minimum sheet width is 600 mm. The main applications of these sheets are in building and agriculture (greenhouses).

Keel: en
Alusdokumendid: ISO/FDIS 12017; prEN ISO 12017
Asendab dokumenti: EVS-EN ISO 12017:2000

Arvamusküsitluse lõppkuupäev: 13.05.2021

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 18314-4

Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant (ISO 18314-4:2020)

This document specifies a formalism for the calculation of the illuminant metamerism of solid surface colours. It cannot be applied to colours of effect coatings without metrical adaptation. This document only covers the phenomenon of metamerism for change of illuminant, which has the greatest meaning in practical application. In the case of chromaticity coordinates of a pair of samples under reference conditions that do not exactly match, recommendations are given on which correction measures are to be taken. Regarding the reproduction of colours, the metamerism index is used as a measure of quality in order to specify tolerances for colour differences between a colour sample and a colour match under different illumination conditions. The quantification of the illuminant metamerism of pairs of samples is formally performed by a colour difference assessment, for which tolerances that are common for the evaluation of residual colour differences can be used.

Keel: en
Alusdokumendid: ISO 18314-4:2020; prEN ISO 18314-4

Arvamusküsitluse lõppkuupäev: 13.05.2021

91 EHITUSMATERJALID JA EHITUS

EN 16867:2020/prA1

Building hardware - Mechatronic door furniture - Requirements and test methods

1.1 General This document applies to Mechatronic door furniture (MDF) fitted on the door set which gives the possibility to control the locking and/or release part through an electronic authorization means. This can be operable by credentials (i.e. card, code, biometric). The MDF according to this document is combined with locks according to EN 12209, EN 14846, prEN 15685 or may be a part of an emergency exit device according to EN 179, EN 1125 or EN 13637. The MDF may be standalone or linkable to an external control system. The document would allow classifying the MDF upon several characteristics such as category of use, durability, environmental, security, and type of operating device. The suitability of the MDF for use on fire or smoke-door assemblies is determined by fire resistance tests conducted in addition to the performance testing specified by this document. 1.2 Exclusions This document does not cover: - mechatronic cylinders according to EN 15684; - electromechanical operated locks and striking plates according to EN 14846.

Keel: en
Alusdokumendid: EN 16867:2020/prA1
Muudab dokumenti: EVS-EN 16867:2020

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 16637-1

Construction products: Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps

(1) This document allows the identification of the appropriate leaching test method for the determination of the release of RDS from construction products into soil, surface water and groundwater. This document provides a stepwise procedure for the determination of appropriate release tests, including: a) determination of the test method based on general product properties; b) choice of the test method using specific product properties. (2) Furthermore, this document gives general guidance for CEN Technical Product Committees and EOTA WGs on basic aspects (sampling, sample preparation and storage, eluate treatment, analysis of eluates and documentation) to be specified in the relevant product standards or ETAs. (3) Metallic products and coatings on metallic products are not considered in the determination scheme of this document since the test methods in prEN 16637-2: (tank test) and prEN 16637-3: (column test) are not appropriate for the testing of these construction products due to a different release mechanism (solubility control). NOTE See Annex F. (4) It is assumed that intermittent contact with water (e.g. exposure to rainwater) is tested – by convention – as permanent contact. For some coatings, (e.g. some renders with organic binders according to EN 15824 [7]) in intermittent contact to water, physical and chemical properties might be altered in

permanent contact with water. These products are not considered in the determination scheme of this document since the test method in prEN 16637-2 is not appropriate for the testing of these construction products (in this case EN 16105 [8] might be an alternative method).

Keel: en
Alusdokumendid: prEN 16637-1
Asendab dokumenti: CEN/TS 16637-1:2018

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 16637-2

Construction products: Assessment of release of dangerous substances - Part 2: Horizontal dynamic surface leaching test

(1) This document specifies a dynamic surface leaching test (DSLT) which is aimed at determining the release per unit surface area as a function of time of inorganic and/or non-volatile organic substances from a monolithic, plate- or sheet-like product, when it is put into contact with an aqueous solution (leachant). The test method is not suitable for substances that are volatile under ambient conditions. (2) This test is a parameter specific test focusing on identifying and specifying parameter specific properties tested under specified conditions. It is not aimed at simulating real situations. The application of results to specific intended conditions of use may be established by means of modelling (not included in this document). (3) The test method applies to more or less regularly shaped test portions consisting of monolithic test pieces with minimum dimensions of 40 mm in all directions (volume > 64 000 mm3 (64 cm3)). It also applies to plate- or sheet-like products with surface areas of minimum 10 000 mm2 (100 cm2) exposed to the leachant. Products designed to drain water (e.g. draining tiles, porous asphalt) and monolithic granular products according to prEN 16637-1:-1), Table 1, are also tested by this test method. All products to be tested are assumed to maintain their integrity over a time frame relevant for the considered intended use. (4) The modification for granular construction products with low hydraulic conductivity (Annex A) applies for granular particles with so little drainage capacity between the grains that percolation in percolation tests and in practice is nearly impossible. (5) Metals, metallic coatings and organic coatings on metals are excluded from the scope of this document because the principles of this test (diffusion) are not obeyed by these products. Guidance on the need for testing of these products is under consideration. (6) For some coatings (e.g. some renders with organic binders according to EN 15824 [9]) in intermittent contact to water, physical and chemical properties might be changed in permanent contact with water. For these products this document is not appropriate. (7) Guidance on the applicability of the test method to a given product is outlined in prEN 16637-1. NOTE 1 This test method is only applicable if the product is chemically stable and the matrix does not dissolve. For construction products that are possibly used in contact with water this is usually not the case as construction products are then supposed to be dimensionally stable. If a product possibly wears substantially in its intended use, the test cannot provide proper information. If the product contains a substantial amount of water-soluble compounds, e.g. gypsum or anhydrite, the matrix could (partially) dissolve and lead to dimensional instability of the test piece. In this case the test standard also cannot be used. NOTE 2 Volatile organic substances include the low molecular weight substances in mixtures such as mineral oil. NOTE 3 It is not always possible to optimize test conditions simultaneously for inorganic and organic substances. Optimum test conditions can also vary between different groups of organic substances. Test requirements for organic substances are generally more stringent than those for inorganic substances. The test conditions suitable for measuring the release of organic substances will generally also be applicable to inorganic substances.

Keel: en
Alusdokumendid: prEN 16637-2
Asendab dokumenti: CEN/TS 16637-2:2014

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 16637-3

Construction products: Assessment of release of dangerous substances - Part 3: Horizontal up-flow percolation test

(1) This document specifies an up-flow percolation test (PT) which is applicable to determine the leaching behaviour of inorganic and non-volatile organic substances from granular construction products. The test is not suitable for substances that are volatile under ambient conditions. The construction products are subjected to percolation with water as a function of liquid to solid ratio under specified percolation conditions. The method is a once-through column leaching test. (2) This up-flow percolation test is performed under specified test conditions for construction products and does not necessarily produce results that mimic specific intended use conditions. This test method produces eluates, which can subsequently be characterized by physical, chemical and ecotoxicological methods according to existing standard methods. The results of eluate analysis are presented as a function of the liquid/solid ratio. The test results enable the distinction between different leaching behaviour. NOTE 1 Volatile organic substances include the low molecular weight substances in mixtures such as mineral oil. NOTE 2 It is not always possible to adjust test conditions simultaneously for inorganic and organic substances. Test conditions can also vary between different groups of organic substances. Test conditions for organic substances are generally more stringent than those for inorganic substances. The test conditions are generally described in a way that they fit testing organic substances and are also applicable to inorganic substances depending on the set-up. NOTE 3 For ecotoxicity testing, eluates representing the release of both inorganic and organic substances are needed. In this document, ecotoxicological testing is meant to include also genotoxicological testing. NOTE 4 Construction products with a low hydraulic conductivity that can cause detrimental pressure build-up are not supposed to be subjected to this test. NOTE 5 This procedure is generally not applicable to products that are easily biologically degradable and products reacting with the leachant, leading, for example, to excessive gas emission or excessive heat release, impermeable hydraulically bound products or products that swell in contact with water. (3) In this document the same test conditions as for prEN 17516 (CEN/TC 444/WG 1) are applied in order to allow full comparability of testing construction products and waste derived construction products to avoid double testing. The prEN 17516 test results are eligible in the context of testing construction products as well. NOTE 6 If a leaching test according to prEN 17516 has been performed, additional prEN 16637-3 testing does not need to be carried out.

Keel: en

Alusdokumendid: prEN 16637-3
Asendab dokumenti: CEN/TS 16637-3:2016

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 1993-1-8

Eurocode 3: Design of steel structures - Part 1-8: Design of joints

1.1 Scope of EN 1993 1 8 (1) This document gives design methods for the design of joints subject to predominantly static loading using all steel grades from S235 up to and including S700 unless otherwise stated in individual clauses. 1.2 Assumptions (1) The assumptions of EN 1990 and EN 1993-1-1 apply to this document. (2) The design methods given in this part of EN 1993 are applicable when the quality of construction is as specified in EN 1090-2 or EN 1090-4, and that the construction materials and products used are those specified in the relevant parts of EN 1993, or in the relevant material and product specifications.

Keel: en
Alusdokumendid: prEN 1993-1-8
Asendab dokumenti: EVS-EN 1993-1-8:2005
Asendab dokumenti: EVS-EN 1993-1-8:2005/AC:2009

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 1999-1-1

Eurocode 9: Design of aluminium structures - Part 1-1: General structural rules

EN 1999 applies to the design of buildings and civil engineering and structural works made of aluminium. It complies with the principles and requirements for the safety and serviceability of structures, the basis of their design and verification that are given in EN 1990 - Basis of structural design. EN 1999 is only concerned with requirements for resistance, serviceability, durability and fire resistance of aluminium structures. Other requirements, e.g. concerning thermal or sound insulation, are not considered. EN 1999 is intended to be used in conjunction with: - EN 1990 Basis of structural design - EN 1991 Actions on structures - European Standards for construction products relevant for aluminium structures - EN 1090-1: Execution of steel structures and aluminium structures – Part 1: Requirements for conformity assessment of structural components - EN 1090-3: Execution of steel structures and aluminium structures – Part 3: Technical requirements for aluminium structures. EN 1999-1-1 gives basic design rules for structures made of wrought aluminium alloys and limited guidance for cast alloys. The following limits are recommended – if not otherwise explicitly stated in this standard: components with material thickness not less than 0,6 mm; welded components with material thickness not less than 1,5 mm; connections with: - steel bolts and pins with diameter not less than 5 mm; - aluminium bolts and pins with diameter not less than 8 mm; - rivets and thread forming screws with diameter not less than 3,9 mm

Keel: en
Alusdokumendid: prEN 1999-1-1
Asendab dokumenti: EVS-EN 1999-1-1/NA:2010
Asendab dokumenti: EVS-EN 1999-1-1:2007

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 1999-1-2

Eurocode 9 - Design of aluminium structures - Part 1-2: Structural fire design

1.1 Scope of EN 1999-1-2 (1) EN 1999-1-2 deals with the design of aluminium structures for the accidental situation of fire exposure and is intended to be used in conjunction with EN 1999-1-1, EN 1999-1-2, EN 1999-1-3, EN 1999-1-4 and EN 1999-1-5. This document only identifies differences from, or supplements to, normal temperature design. (2) EN 1999-1-2 applies to aluminium structures required to fulfil a load bearing function. (3) EN 1999-1-2 gives principles and application rules for the design of structures for specified requirements in respect of the aforementioned function and the levels of performance. (4) EN 1999-1-2 applies to structures, or parts of structures, that are within the scope of EN 1999-1-1 and are designed accordingly. (5) The methods given in EN 1999-1-2 are applicable to the following aluminium alloys: EN AW-3004 - H34 EN AW-5083 - O and H12 EN AW-6063 - T5 and T6 EN AW-5005 - O and H34 EN AW-5454 - O and H34 EN AW-6082 - T4 and T6 EN AW-5052 - H34 EN AW-6061 - T6 (6) The methods given in EN 1999-1-2 are applicable also to other aluminium alloy/tempers of EN 1999 1-1, if reliable material properties at elevated temperatures are available or the simplified assumptions in 5.2.1 are applied. 1.2 Assumptions (1) In addition to the general assumptions of EN 1990, the following assumptions apply: - the choice of the relevant design fire scenario is made by appropriate qualified and experienced personnel, or is given by the relevant national regulation. - any active and passive fire protection systems taken into account in the design will be adequately maintained. (2) For the design of new structures, EN 1999 is intended to be used, for direct application, together with EN 1990, EN 1991, EN 1992, EN 1993, EN 1994, EN 1995, EN 1997, EN 1998 and EN 1999. (3) EN 1999 is intended to be used in conjunction with: - European Standards for construction products relevant for aluminium structures - EN 1090-1, Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components - EN 1090-3, Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures

Keel: en
Alusdokumendid: prEN 1999-1-2
Asendab dokumenti: EVS-EN 1999-1-2/NA:2010
Asendab dokumenti: EVS-EN 1999-1-2:2007
Asendab dokumenti: EVS-EN 1999-1-2:2007/AC:2009

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 1999-1-3

Eurocode 9: Design of aluminium structures - Part 1-3: Structures susceptible to fatigue

1.1 Scope of EN 1999-1-3 (1) This document gives the basis for the design of aluminium alloy structures subject to fatigue in the ultimate limit state. (2) This document gives rules for: - safe life design; - damage tolerant design; - design assisted by testing. (3) This document does not cover pressurized containment vessels or pipework. 1.2 Assumptions (1) The general assumptions of EN 1990 apply. (2) The provisions of EN 1999-1-1 apply. (3) EN 1999-1-3 is intended to be used in conjunction with EN 1990, EN 1991 (all parts), relevant parts in EN 1992 to EN 1999, EN 1090-1 and EN 1090-3 for requirements for execution, and ENs, EADs and ETAs for construction products relevant to aluminium structures.

Keel: en
Alusdokumendid: prEN 1999-1-3
Asendab dokumenti: EVS-EN 1999-1-3/NA:2010
Asendab dokumenti: EVS-EN 1999-1-3:2007
Asendab dokumenti: EVS-EN 1999-1-3:2007/NA:2013

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 1999-1-4

Eurocode 9: Design of aluminium structures - Part 1-4: Cold-formed structural sheeting

1.1 Scope of EN 1999-1-4 (1)P This document gives design requirements for cold-formed trapezoidal aluminium sheeting. It applies to cold-formed aluminium products made from hot rolled or cold rolled sheet or strip that have been cold-formed by such processes as cold-rolled forming or press-breaking. NOTE 1 The rules in this part complement the rules in other parts of EN 1999-1. NOTE 2 The execution of aluminium structures made of cold-formed structures for roof, ceiling, floor and wall applications is covered in EN 1090-5. (2) This document gives methods for stressed-skin design using aluminium sheeting as a structural diaphragm. (3) This document does not apply to cold-formed aluminium profiles like C- and Z- profiles nor cold-formed and welded circular or rectangular hollow sections. (4) This document gives methods for design by calculation and for design assisted by testing. The methods for the design by calculation apply only within stated ranges of material properties and geometrical properties for which sufficient experience and test evidence is available. These limitations do not apply to design by testing. (5) This document does not cover load arrangement for loads during execution and maintenance. 1.2 Assumptions (1) For the design of new structures, prEN 1999 (all parts) is intended to be used, for direct application, together with EN 1990, EN 1991, EN 1992, EN 1993, EN 1994, EN 1995, EN 1997 and EN 1998. EN 1999 (all parts) is intended to be used in conjunction with: - European Standards for construction products relevant for aluminium structures - EN 1090-1: Execution of steel structures and aluminium structures – Part 1: Requirements for conformity assessment of structural components - EN 1090-5: Technical requirements for cold-formed structural aluminium elements and cold-formed structures for roof, ceiling, floor and wall applications

Keel: en
Alusdokumendid: prEN 1999-1-4
Asendab dokumenti: EVS-EN 1999-1-4/NA:2010
Asendab dokumenti: EVS-EN 1999-1-4:2007
Asendab dokumenti: EVS-EN 1999-1-4:2007/AC:2009
Asendab dokumenti: EVS-EN 1999-1-4:2007/NA:2013

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN 1999-1-5

Eurocode 9 - Design of aluminium structures - Part 1-5: Shell structures

1.1 Scope of EN 1999-1-5 (1) EN 1999-1-5 applies to the structural design of aluminium structures, stiffened and unstiffened, that have the form of a shell of revolution or of a round panel in monocoque structures. (2) EN 1999-1-5 covers additional provisions to those given in the relevant parts of EN 1999 for design of aluminium structures. NOTE Supplementary information for certain types of shells is given in EN 1993-1-6 and the relevant application parts which include: - Part 3-1 for towers and masts; - Part 3-2 for chimneys; - Part 4-1 for silos; - Part 4-2 for tanks; - Part 4-3 for pipelines. (4) The provisions in EN 1999-1-5 apply to axisymmetric shells (cylinders, cones, spheres) and associated circular or annular plates, beam section rings and stringer stiffeners, where they form part of the complete structure. (5) Single shell panels (cylindrical, conical or spherical) are not explicitly covered by EN 1999-1-5. However, the provisions can be applicable if the appropriate boundary conditions are duly taken into account. (6) Types of shell walls covered in EN 1999-1-5 can be (see Figure 1.1): - shell wall constructed from flat rolled sheet with adjacent plates connected with butt welds, termed ‘isotropic’; - shell wall with lap joints formed by connecting adjacent plates with overlapping sections, termed lap-jointed; - shell wall with stiffeners attached to the outside, termed ‘externally stiffened’ irrespective of the spacing of stiffeners; - shell wall with the corrugations running up the meridian, termed ‘axially corrugated’; - shell wall constructed from corrugated sheets with the corrugations running around the shell circumference, termed ‘circumferentially corrugated’. (7) The provisions of EN 1999-1-5 are intended to be applied within the temperature range defined in EN 1999-1-1. The maximum temperature is restricted so that the influence of creep can be neglected. For structures subject to elevated temperatures associated with fire see EN 1999-1-2. (8) EN 1999-1-5 does not cover the aspect of leakage. 1.2 Assumptions (1) The general assumptions of EN 1990 apply. (2) The provisions of EN 1999-1-1 apply. (3) The design procedures are valid only when the requirements for execution in EN 1090-3 or other equivalent requirements are complied with. (4) For the design of new structures, prEN 1999 (all parts) is intended to be used, for direct application, together with EN 1990, EN 1991, EN 1992, EN 1993, EN 1994, EN 1995, EN 1997 and EN 1998. (5) EN 1999 (all parts) is intended to be used in conjunction with: - European Standards for construction products relevant for aluminium structures - EN 1090-1: Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components - EN 1090-3: Execution of steel structures and aluminium structures – Part 3: Technical requirements for aluminium structures

Keel: en
Alusdokumendid: prEN 1999-1-5
Asendab dokumenti: EVS-EN 1999-1-5/NA:2010

Asendab dokumenti: EVS-EN 1999-1-5:2007
Asendab dokumenti: EVS-EN 1999-1-5:2007/AC:2009

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEN ISO 12241

Thermal insulation for building equipment and industrial installations - Calculation rules (ISO/DIS 12241:2021)

This International Standard gives rules for the calculation of heat-transfer-related properties of building equipment and industrial installations, predominantly under steady-state conditions. This International Standard also gives a simplified approach for the treatment of thermal bridges.

Keel: en
Alusdokumendid: ISO/DIS 12241; prEN ISO 12241
Asendab dokumenti: EVS-EN ISO 12241:2008

Arvamusküsitluse lõppkuupäev: 13.05.2021

prEVS 920-1

Katuseehitusreeglid. Osa 1: Üldnõuded
Requirements for roof building. Part 1: General rules

Selles standardis käsitletakse katuseehituse üldiseid termineid, mõjusid ja -nõudeid. See standard määratleb üldised nõuded katuste projekteerimiseks, ehitamiseks, hooldamiseks, määratleb mõjud ja koormused ning esitab peamised üldnõuded katuse ehitamisel kasutatavatele toodetele. Standard on kasutamiseks projekteerijatele, ehitajatele, tootjatele ja hoone omanikele. Standard määrab nõuded katustele ja katuse ehitamisel kasutatavatele toodetele nende kasutamiseks tavatingimustes. Standard ei esita nõudeid kõigile katuse tüüpidele ega kõikidele arhitektuursetele lahendustele. MÄRKUS: Selles standardis ei käsitleta vannkatuseid, rippkatuseid, kilekatuseid, tekstiilkatseid, klaaskatuseid, haljastusega katuseid, kasutatavaid katuseid.

Keel: et
Asendab dokumenti: EVS 920-1:2013

Arvamusküsitluse lõppkuupäev: 13.04.2021

97 OLME. MEELELAHUTUS. SPORT

prEN IEC 60335-2-11:2020/prAA:2021

Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers

This European Standard deals with the safety of electric tumble dryers intended for household and similar purposes. The rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-11:2020/prAA:2021
Muudab dokumenti: prEN IEC 60335-2-11

Arvamusküsitluse lõppkuupäev: 13.04.2021

prEN ISO 23999

Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat (ISO/DIS 23999:2021)

This International Standard specifies a method for determining dimensional stability and curling of resilient floor coverings, in the form of sheets, tile or planks after exposure to heat.

Keel: en
Alusdokumendid: ISO/DIS 23999; prEN ISO 23999
Asendab dokumenti: EVS-EN ISO 23999:2018

Arvamusküsitluse lõppkuupäev: 13.05.2021

TÕLKED KOMMENTEERIMISEL

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

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

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

EN 60601-2-65:2013/prA2:2020

Elektrilised meditsiiniseadmed. Osa 2-65: Erinõuded intraoraalse dentaalse röntgenseadme esmasele ohutusele ja olulistele toimimisnäitajatele

Standardi EN 60601-2-65:2013 muudatus.

Keel: et
Alusdokumendid: IEC 60601-2-65:2012/A2:202X; EN 60601-2-65:2013/prA2:2020

Kommenteerimise lõppkuupäev: 13.04.2021

EVS-EN 131-4:2020

Redelid. Osa 4: Ühe või mitme liigendhingega redelid

Selles standardis täpsustatakse ühe või mitme liigendhingega kombiredelitega seotud nõuded, katsed ja märgistus. Dokumenti ei kohaldata standardi EN 131-1 määratlusele vastavate kombiredelite ja isetoetuvate redelite liigendhingedele. See standardi osa on mõeldud kasutamiseks koos osadega EN 131-1, EN 131-2 ja EN 131-3.

Keel: et
Alusdokumendid: EN 131-4:2020

Kommenteerimise lõppkuupäev: 13.04.2021

prEVS-ISO 18587

Tõlketeenused. Masintõlgitud teksti järeltoimetamine. Nõuded

See dokument hõlmab masintõlgitud teksti põhjaliku inimjäreltoimetamise ja järeltoimetajate pädevuse nõudeid. See dokument on ette nähtud tõlketeenuste osutajatele, nende klientidele ning järeltoimetajatele. Seda kohaldatakse üksnes masintõlkesüsteemide töödeldud sisule. MÄRKUS Tõlketeenuste üldnõudeid vt standardist ISO 17100.

Keel: et
Alusdokumendid: ISO 18587:2017

Kommenteerimise lõppkuupäev: 13.04.2021

prHD 60364-7-710:2019

Madalpingelised elektripaigaldised. Osa 7-710: Nõuded eripaigaldistele ja -paikadele. Ravipaigad

Standardisarja HD 60364 käesoleva osa erinõudeid rakendatakse ravipaikade elektripaigaldistele selliselt, et tagada patsientide ja meditsiinipersonali ohutus. Need nõuded käivad — haiglate ja kliinikute või samaväärsete institutsioonide (sealhulgas samaväärsete veetavate ja mobiilsete paikade kohta, mis vastavalt hinnangule (jaotis 710.30) võivad ühtlasi sisaldada — sanatooriume ja tervishoiukliinikuid, — ühiskasutuspaiku vanadekodudes ja vanurite hooldekodudes, kus patsiendid saavad meditsiinilist hooldust, — tervisekeskusi, ambulatoorseid kliinikuid ja asutusi, kiirabijaamu, — muid (tööstuslikke, spordialaseid jne) ambulatoorseid institutsioone, — meditsiinilisi ja hambaravikabinette, — ühiskasutatavaid meditsiiniruume tööpaigal, — muid paiku, kus kasutatakse meditsiinilisi elektriseadmeid, — veterinaarkliinikuid, — olemasolevate paigaldiste ruume, mille kasutamisviisi saab meditsiinilisteks rakendusteks vahetada. See loetelu ei ole ammendav. Selle dokumendi nõudeid ei rakendata meditsiinilistele elektriseadmetele ega nende süsteemidele. MÄRKUS 1 Meditsiinilised elektriseadmed ja nende süsteemid on haaratud standardisarjaga IEC 60601. MÄRKUS 2 USAs rakendatakse dokumentide NFPA 70® ja National Electrical Code® üldnõudeid ning spetsiifiliselt artiklit 517 (Healthcare Facilities).

Keel: et
Alusdokumendid: IEC 60364-7-710:201X; prHD 60364-7-710:2019

Kommenteerimise lõppkuupäev: 13.04.2021

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 892:2007

Hajusallikate heitkoguste mõõtmine. Põhimõtted
Determination of diffusive emissions by measurements – Basic concepts

Käesolevas standardis käsitletakse hajusallikate heitkoguste mõõtmise põhimõtteid ja meetodeid. Kuna hajusallikate puhul heitgaasi voog ei liigu torus, ei saa seda mõõta punktsaasteallikate heitkoguste määramise standardite alusel. Käesolevas standardis kirjeldatud hajusallikate heitkoguste mõõtmine põhineb ainekontsentratsioonide ja meteoroloogiliste parameetrite määramisel ning vajadusel arvutusmudelite kasutamisel. Mõõtmised hajusallikate juures tehakse saasteallika pinnalt või maapinnalähedases õhukihis.

Pikendamisküsitluse lõppkuupäev: 13.04.2021

EVS 918:2016

Nafta ja vedelad naftatooted. Mõõtemahutites sisalduva vedeliku koguse käsitsi mõõtmine ja mõõtemääramatuse hindamine
Petroleum and liquid petroleum products. Measurement of content of storage tanks by manual methods and calculation of measurement uncertainty

Selles Eesti standardis antakse juhised atmosfäärirõhu all olevates statsionaarsetes silindrilistes mahutites asuva nafta ja vedelate naftatoodete (edaspidi vedelike) standardtingimustele vastava mahu ja massi arvutamiseks. Standard kirjeldab vedelike mahu ja massi arvutusi ja selleks vajalikke mõõtmisi: — vedeliku sügavuse käsitsi mõõtmist ujuva katusega või ilma ujuva katuseta mahutites; — vaba vee sügavuse käsitsi mõõtmist; — mahuti baaskõrguse käsitsi mõõtmist; — vedeliku temperatuuri käsitsi mõõtmist; — vedeliku ning mahu ja massi arvutamist standardtingimustel; — vedeliku mahu ja massi mõõtemääramatuse hindamist. Standard on rakendatav järgmistel tingimustel: — vedeliku tihedus peab olema piirides 611,16 kg/m3 kuni 1163,86 kg/m3; — vedeliku temperatuur mõõtmiste ajal peab olema vahemikus –25 °C kuni +100 °C; — vedeliku minimaalne mõõdetav sügavus peab olema mitte väiksem kui 500 mm; — mahutite kalibreerimistabelid peavad olema koostatud vastavalt standardi EVS-ISO 7507-1, EVS-ISO 12917-1 või EVS-ISO 12917-2 nõuetele; — mahuti kalle ei ületa 3 %; — mahutis sisalduva vedeliku ja kalibreerimistabeli koostamisel aluseks olnud vedeliku tiheduste väärtused ei tohi erineda rohkem kui ±30 %. MÄRKUS See standard ei sisalda vedelike käitlemisel rakendatavaid ohutusnõudeid.

Pikendamisküsitluse lõppkuupäev: 13.04.2021

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 728:1996

Üldkasutatav kommuteeritav telefonivõrk (ÜKTV). Nõuded ÜKTV abonendi analoogliidesega ühendatavatele terminalseadmetele
Attachments to Public Switched Telephone Network (PSTN) - General technical requirements for equipment connected to an analogue subscriber interface in the PSTN

Käesolevas liitumisstandardis on üksikasjalikult esitatud tehnilised nõuded ning nendega seotud vastavuse testid, millele peavad vastama kõik terminalseadmed oma igal üldkasutatava kommuteeritava telefonivõrguga ühendamiseks ettenähtud pordil. Telefonivõrku ühendamine toimub standardse analoogliidese kaudu. Sel liidesel on 2-juhtmeline ühendus liinivoolu hõive ja katkestusega ning vahelduvvoolu kutsesignaalidega allpool kõnesagedusala. Need nõuded ja nendega seotud vastavuse testid defineerivad antud administratsiooni ÜKTV standardse analoogsisendi ligipääsu (aspekt 2). Ajaloolistel põhjustel võivad nõuded ja vastavuse testid koosneda eripärastest väärtustest iga administratsiooni telefonivõrgu kohta. Need nõuded kajastavad olemasolevaid standardeid. Liitumisstandard ei sisalda tingimata kõiki nõudeid, millele peab mingi eri liiki terminalseade vastama, et saada tüübikinnitus vastava ÜKTV ühenduspunktiga ühendamiseks.

Kehtima jätmise alus: Kommentaaride koond 11.03.20212.5/10 ja teade pikendamisküsitlusest 01.02.2021EVS Teatajas

EVS 759:1998

Kommertstelekommunikatsioon (BTC). Kahe- ja neljajuhtmelised analoogrendiliinid (A20, A2S, A40, ja A4S). Ühenduskarakteristikud, võrguliides ja lõppseadmestiku liides
Business telecommunications (BTC) 2- wire and 4- wire analogue leased lines (A20, A2S, A40 and A4S). Connection characteristics, network interface presentation and terminal equipment interface

Standard spetsifitseerib: - kõnesagedusalas lihtkvaliteediga ja erikvaliteediga kahe- ja neljajuhtmelise analoogrendiliini ühenduskarakteristikute ning võrguliidese füüsikaliste ja elektriliste karakteristikute nõuded ja testimispõhimõtted ja - kahe- ja neljajuhtmelise analoogrendiliini lõpp-punktiga ühendatava lõppseadmestiku liideste füüsilised ja elektrilised parameetrid ja vastavad testimispõhimõtted. Standardi nõuded põhinevad ETSI (Euroopa Telekommunikatsiooni Standardite Instituut) standarditel ETS 300 448, ETS 300 449, ETS 300 500, ETS 300 551, ETS 300 552 ja ETS 300 553, mis on koostatud Euroopa Ühenduse Komisjoni mandaadi alusel ja moodustavad osa Nõukogu direktiiviga 92/44/EMÜ (ONP-direktiiv), mis käsitleb vabakasutusvõrgu kohaldamist rendiliinide suhtes (5. juuni 1992), määratud harmoneeritud standardite miinimumkomplektist. Ühendus toimub läbi liideste võrgu lõpp-punktides (NTP) ja sisaldab kõiki seadmestikke, mis on ette nähtud NTP-ga ühendamiseks. Lõppseadmestike vahel edastatavad signaalid kahjustuvad ühenduse läbimisel. Standard määrab kindlaks kahjustuse piirid. Tegelik olukord võib olla tunduvalt parem. Rendiliin kindlustab juurdepääsu kõnesagedusalale (300 Hz kuni 3 400 Hz) ilma piiranguteta sageduste kasutamisel. Standardi nõuded on valitud peamiselt telefonside jaoks. Piirangud teist tüüpi liikluse kasutamiseks puuduvad. Standard on kasutatav rendiliinidel, kaasa arvatud osalise kasutusajaga rendiliinid, kus side loomine või lahutamine ei nõua ühtegi protokollivahetust või mõnda muud sekkumist NTPs. Kui rendiliin on teeninduses, st edastab kasutaja liiklust, ei või rendiliini tarnija teostada standardis spetsifitseeritud teste ega jälgida liini tööd ilma rendiliini kasutajat hoiatamata. Testid on välja töötatud rendiliinide teenindusse andmiseks ja teenindusest tagasivõtmiseks, kuid nende igakordne sooritamine ei ole kohustuslik. Standard esitab võrguliidese füüsiliscd ja elektrilised parameetrid ning spetsifitseerib vastavuse testid ühenduskarakteristikutele ja võrguliidesele. Mõned standardis kirjeldatud testid ei ole kavandatud rakendamiseks installeeritud rendiliini liidesel. Selliste testide teostamiseks võib liidese varustada sarnase kasutusega seadmestikuga. Standardi nõuetele vastavus kindlustab kõnesagedusalas lõppseadmestiku liidese sobivuse kahe- või neljajuhtmelise analoogrendiliiniga. Standard on kasutatav kõigi liideste jaoks, mis on projekteeritud rendiliinidega ühendamiseks. Eriteenust edastava aparatuuri, kompleksaparatuuri ja eravõrgu aparatuuri jaoks võivad lisaks käesolevale standardile rakenduda teised standardid. Juhtmestik kliendi territooriumil ja võrgu lõpp-punkti (NTP) vaheline installeering on väljaspool standardi käsitlusala. Standard ei sisalda testide teostamise üksikasju ega testimismetoodikat. Standard ei ole koostatud reguleeriva eesmärgiga.

Kehtima jätmise alus: Kommentaaride koond 11.03.20212.5/11 ja teade pikendamisküsitlusest 01.02.2021EVS Teatajas.

EVS 874:2003

Kõne töötlemise, ülekande ja kvaliteedi aspektid (STQ). Teenuse kvaliteedi parameetrite määratlused ja mõõtmine. ONP kõneside direktiiviga 98/10/EC nõutud kõnesideteenuse parameetrid
Speech Processing, Transmission & Quality Aspects (STQ); QoS parameter definitions and measurements; Parameters for voice telephony service required under the ONP Voice Telephony Directive 98/10/EC

Käesolev standard sisaldab harmoniseeritud määratlusi ja mõõtemeetodeid teatud hulga kasutaja poolt tajutavate teenuse kvaliteedi parameetrite kohta telefoniteenuse korral.

Kehtima jätmise alus: Kommentaaride koond 11.03.2021 2.5/12 ja teade pikendamisküsitlusest 01.02.2021 EVS Teatajas

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 14900:2006

Textile floor coverings - Determination of the density of the textile fleece backing

This document specifies a method for determining the measured density of the fleece backing of textile floor coverings with an apparent effective thickness of the backing larger than 1 mm. This method is not applicable to foam backings.

Keel: en
Alusdokumendid: EN 14900:2006
Tühistamisküsitluse lõppkuupäev: 13.04.2021

EVS-EN 60634:2002

Heat test source (H.T.S.) lamps for carrying out heating tests on luminaires

Specifies requirements for heat test source (H.T.S.) lamps used for carrying out the thermal tests of IEC 598.

Keel: en
Alusdokumendid: IEC 60634:1993; EN 60634:1995
Tühistamisküsitluse lõppkuupäev: 13.04.2021

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 60601-1-3:2008/A2:2021

Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalstandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele

Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment

Eeldatav avaldamise aeg Eesti standardina 05.2021

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 14183:2004

Tööplatvormid
Step stools

Selles Euroopa standardis täpsustatakse tööplatvormide, astmeliste tööplatvormide ja turvaastmetega seotud nõuded. See hõlmab konstruktsiooniomadusi, mõõtmeid, materjale, toimivusnõudeid, katsemeetodeid ja kasutuskõlblikkuse deklaratsiooni. Standard ei hõlma standardi EN 131-1:1993 määratlusele vastavaid redeleid ja trepredeleid. Nõuded põhinevad 150 kg maksimaalsel kogukoormusel.

EVS-EN 14972-1:2021

Paiksed tulekustutussüsteemid. Veeudusüsteemid. Osa 1: Ehitus, paigaldamine, kontroll ja hooldus
Fixed firefighting systems - Water mist systems - Part 1: Design, installation, inspection and maintenance

Selles dokumendis täpsustatakse nõudeid ja antakse soovitusi igat tüüpi paiksete maapealsete veeudusüsteemide projekteerimiseks, paigaldamiseks, kontrollimiseks ja hooldamiseks. See dokument on ette nähtud kasutamiseks veeudu automaatsete pihustisüsteemide ja üleujutavate veeudusüsteemide puhul, mida pakuvad eraldiseisvad või pumbaga varustatud süsteemid. Dokumendis käsitletakse üksnes standardisarja EN 14972 tulekindluskatse protokollidega hõlmatud rakendusi ja kohti. See dokument ei hõlma veeudu aspekte, mis on seotud plahvatuskaitse ja/või sõidukisisese kasutamisega. See dokument ei hõlma kõiki õigusaktidest tulenevaid nõudeid. Mõnes riigis rakenduvad kindlad riigisisesed eeskirjad, mis on sellest dokumendist tähtsamad. EE MÄRKUS Eestikeelses standardis on selle lõigu tõlget korrigeeritud. (Tõlkimata on jäänud selle lõigu viimane lause Users of this document are advised to inform themselves of the applicability or non-applicability for this document by their national responsible authorities.) Selle dokumendi kohaldatavus on Eestis reguleeritud õigusaktidega, kus esitatakse nõue ehitisse paigaldada kustutussüsteem.

EVS-EN 16942:2016+A1:2021

Mootorikütused. Mootorsõidukile sobivuse tähistamine. Tankijateabe graafiline väljendus
Fuels - Identification of vehicle compatibility - Graphical expression for consumer information

Selles Euroopa standardis kehtestatakse ühtlustatud tähistus turustatavatele vedel- ja gaaskütustele. Nõuded standardis vastavad turul saadava mootorikütuse ja mootorsõidukile sobivuse teavitamisel tankijatele teavitamise nõuetega. Dokumendis kirjeldatud tähistus on mõeldud visualiseerima tankuritel ja tanklates, mootorsõidukitel, mootorsõidukite vahendusfirmades ning kasutusjuhendites. Turustatavate mootorikütuste hulka kuuluvad näiteks mineraalõlidest kütused, sünteetilised kütused, biokütused, maagaas, LPG, vesinik ja biogaas ning eelmainitute segud liikumise rakendustes. MÄRKUS Selle dokumendi rakendamisel kasutatakse termineid „% (m/m)“ ja „% (V/V)“ vastavalt massiosa μ ja mahuosa φ eristamise tähistamiseks.

EVS-EN IEC 60947-1:2021

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 1: Üldreeglid
Low-voltage switchgear and controlgear – Part 1: General rules

See dokument kehtib, kui seda nõuab asjaomane tootestandard, madalpingeliste lülitus- ja juhtimisaparaatide (edaspidi „seadmete“ või „seadiste“) kohta, mis on ette nähtud ühendamiseks vooluahelatega, mille nimipinge ei ole vahelduvvoolul üle 1000 V ega alalisvoolul üle 1500 V. See dokument sätestab madalpingeliste lülitus- ja juhtimisaparaatide üldreeglid ja ühised ohutusnõuded, sealhulgas: — määratlused; — tunnussuurused; — koos seadmetega edastatav informatsioon; — normaaltalitluse, paigaldamise ja transpordi olud ning kasutusest kõrvaldamise ja lahtimonteerimise nõuded; — konstruktsiooni- ja toimivusnõuded; — tunnusomaduste ja toimivuse kontrolli nõuded; — energiatõhususe aspektid (vt lisa V); — keskkonnaaspektid. See dokument ei kehti: — madalpingeliste lülitus- ja juhtimisaparaatide koostetele, millele rakendatakse standardisarja IEC 61439; — alumiiniumjuhtide ühendamiseks ette nähtud klemmidele; MÄRKUS Alumiiniumjuhtide klemmid tulevad arutlusele standardi järgmise redigeerimise ajal. — kasutamisel plahvatusohtlikus keskkonnas (vt standardisari IEC 60079); — funktsionaalsete ohutusrakenduste tarkvara- ja püsivaranõuete kohta (vt IEC 61508-3); — küberturbe aspektidele (vt standardisari IEC 62443).

EVS-EN ISO 17225-3:2021

Tahked biokütused. Kütuste spetsifikatsioonid ja klassid. Osa 3: Klassifitseeritud puitbriketid
Solid biofuels - Fuel specifications and classes - Part 3: Graded wood briquettes (ISO 17225-3:2021)

See dokument määrab kindlaks puitbriketi kütuse kvaliteediklassid ja spetsifikatsioonid. Dokument hõlmab üksnes järgmistest toorainetest toodetud puitbriketti (vt ISO 17225-1:2021, tabel 1): — 1.1 Mets, istandikud ja muu töötlemata (esmane) puit; — 1.2 Puidutöötlemistööstuse kõrvalsaadused ja jäägid (jäätmed); — 1.3.1 Keemiliselt töötlemata kasutatud puit. MÄRKUS Selle dokumendi käsitlusalasse ei kuulu termiliselt töödeldud biomassi brikett (nt röstitud brikett).

EVS-EN ISO 17225-4:2021

Tahked biokütused. Kütuste spetsifikatsioonid ja klassid. Osa 4: Klassifitseeritud hakkpuit
Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2021)

See dokument määrab kindlaks klassifitseeritud hakkpuidu kütuse kvaliteediklassid ja spetsifikatsioonid. Dokument hõlmab üksnes järgmistest toorainetest toodetud hakkpuitu (vt ISO 17225-1:2021, tabel 1): • 1.1 Mets, istandikud ja muu töötlemata (esmane) puit; • 1.2 Puidutöötlemistööstuse kõrvalsaadused ja jäägid (jäätmed); • 1.3.1 Keemiliselt töötlemata kasutatud puit. See dokument hõlmab üksnes hakkpuitu, mis on toodetud teravate tööriistadega, ega hõlma purustatud puitkütust, mida toodetakse nüride tööriistadega.

STANDARDIPEALKIRJADE MUUTMINE

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

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 14183:2004	Step stools	Tööplatvormid

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2006/42/EÜ
Masinad
Komisjoni rakendusotsus (EL) 2021/377,
millega muudetakse rakendusotsust (EL) 2019/436
(EL Teataja 2021/ L 72/12)

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 12301:2019 Kummi- ja plastitöötlusmasinad. Kalandrid. Ohutusnõuded	03.03.2021	EN 12301:2000+A1:2008	03.09.2022
EVS-EN 12965:2019 Põllu- ja metsatöö traktorid ja masinad. Käitusvõllide kardaanid ja -kaitsed. Ohutus	03.03.2021	EN 12965:2003+A2:2009	03.09.2022
EVS-EN 13525:2020 Metsatöömasinad. Puiduhakkurid. Ohutus	03.03.2021		
EVS-EN 1612:2019 Kummi- ja plastitöötlusmasinad. Reaktsioon-vormimismasinad ja paigaldised. Ohutusnõuded	03.03.2021	EN 1612-1:1997+A1:2008	03.09.2022
EVS-EN 50636-2-107:2015/A2:2020 Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-107: Erinõuded akutoitega elektrilistele robotmuruniidukitele	03.03.2021		
EVS-EN 62745:2017 Masinate ohutus. Nõuded masinate juhtmevabadele juhtimissüsteemidele	03.03.2021		
EVS-EN 62745:2017/A11:2020 Masinate ohutus. Nõuded masinate juhtmevabadele juhtimissüsteemidele	03.03.2021		
EVS-EN 62745:2017+A11:2020 Masinate ohutus. Nõuded masinate juhtmevabadele juhtimissüsteemidele	03.03.2021		
EVS-EN 62841-2-11:2016/A1:2020 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-11: Erinõuded käeshoitavatele suundamuutvatele saagidele	03.03.2021		
EVS-EN 62841-3-4:2016/A1:2020 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-4: Erinõuded teisaldatavatele lihvpinkidele	03.03.2021		
EVS-EN 62841-3-4:2016/A12:2020 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-4: Erinõuded teisaldatavatele lihvpinkidele	03.03.2021		

EVS-EN 62841-4-1:2020 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-1: Erinõuded kettsaagidele	03.03.2021	EN 60745-2-13:2009; EN 60745-2-13:2009/ A1:2010	03.09.2022
EVS-EN IEC 62841-3-9:2020 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded transporditavatele nurgasaagidele	03.03.2021	EN 62841-3-9:2015; EN 62841-3-9:2015/A11:2017	03.09.2022
EVS-EN IEC 62841-3-9:2020/A11:2020 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded transporditavatele nurgasaagidele	03.03.2021		
EVS-EN ISO 11203:2009/A1:2020 Akustika. Mehhanismide ja seadmete müra. Helirõhutaseme määramine töö- ja muudes piiritletud kohtades helivõimsustaseme alusel	03.03.2021		
EVS-EN ISO 13851:2019 Masinate ohutus. Kahekäe-juhtseadised. Konstrueerimise ja valiku põhimõtted	03.03.2021	EN 574:1996+A1:2008	03.09.2022
EVS-EN ISO 13854:2019 Masinaohutus. Minimaalsed vahemikud vältimaks inimese kehaosade muljumist	03.03.2021	EN 349:1993+A1:2008	03.09.2022
EVS-EN ISO 13857:2019 Masinaohutus. Ohutusvahemikud, mis väldivad käte ja jalgade ulatumist ohualasse	03.03.2021	EN ISO 13857:2008	03.09.2022
EVS-EN ISO 19085-11:2020 Puidutöötlemismasinad. Ohutus. Osa 11: Kombineeritud masinad	03.03.2021	EN 940:2009+A1:2012	03.09.2022
EVS-EN ISO 19085-13:2020 Puidutöötlemismasinad. Ohutus. Osa 13: Mitmekettalised lintsaagimismasinad käsitsi etteande ja/või väljajooksuga	03.03.2021	EN 1870-4:2012	03.09.2022
EVS-EN ISO 19085-9:2020 Puidutöötlemismasinad. Ohutus. Osa 9: Ketassaepingid (liuglauaga ja ilma)	03.03.2021	EN 1870-19:2013	03.09.2022
EVS-EN ISO 19225:2017/A1:2019 Allmaakaevandusmasinad. Liikuvad väljamismasinad. Sahklaadurite ja sahksüsteemide ohutusnõuded	03.03.2021		
EVS-EN ISO 19432-1:2020 Ehitusmasinad ja -seadmed. Kantavad käeshoitavad sisepõlemismootoriga abrasiivlõikeseadmed. Osa 1: Ohutusnõuded lõikemasinate tsentraalse paigutusega pöörlevatele abrasiivketastele	03.03.2021	EN ISO 19432:2012	03.09.2022
EVS-EN ISO 20361:2019 Vedelikupumbad ja pumbaseadmed. Mürakatse kood. Täpsusklassid 2 ja 3	03.03.2021	EN ISO 20361:2015	03.09.2022
EVS-EN ISO 20361:2019/A11:2020 Vedelikupumbad ja pumbaseadmed. Mürakatse kood. Täpsusklassid 2 ja 3	03.03.2021		
EVS-EN ISO 21904-1:2020 Tervishoid ja ohutus keevitamisel ja külgnevatel protsessidel. Seadmed keevitussuitsu kogumiseks ja eraldamiseks. Osa 1: Üldnõuded	03.03.2021	EN ISO 15012-4:2016	03.09.2022
EVS-EN ISO 3691-1:2015/A1:2020 Tööstuslikud mootorkärud. Ohutusnõuded ja vastavuskontroll. Osa 1: Tööstuslikud liikurkärud, välja arvatud juhita kärud, teleskooplaadurid ning kaubaveokid	03.03.2021		
EVS-EN ISO 3691-1:2015+A1:2020 Tööstuslikud mootorkärud. Ohutusnõuded ja vastavuskontroll. Osa 1: Tööstuslikud liikurkärud, välja arvatud juhita kärud, teleskooplaadurid ning kaubaveokid	03.03.2021		
EVS-EN ISO 3691-5:2015/A1:2020 Tööstuslikud mootorkärud. Ohutusnõuded ja vastavuskontroll. Osa 5: Jalgsi juhitavad mootorkärud	03.03.2021		
EVS-EN ISO 3691-5:2015+A1:2020 Tööstuslikud mootorkärud. Ohutusnõuded ja vastavuskontroll. Osa 5: Jalgsi juhitavad mootorkärud	03.03.2021		
EVS-EN ISO 3743-2:2019 Akustika. Müraallikate helivõimsuse taseme määramine helirõhu abil. Tehnilised meetodid väikeste liikuvate allikate jaoks reverbereeruvates väljades. Osa 2: Meetodid spetsiaalse järelkõlakestusega katseruumide jaoks	03.03.2021		

EVS-EN ISO 4254-11:2011/A1:2020 Põllumajandusmasinad. Ohutus. Osa 11: Presskogurid (parandatud väljaanne 04.2020)	03.03.2021		
EVS-EN ISO 5010:2019 Mullatöömasinad. Ratastega masinad. Juhtimissüsteeminõuded	03.03.2021	EN 12643:2014	03.09.2022
EVS-EN ISO 7096:2020 Mullatöömasinad. Operaatori istme vibratsiooni laboratoorne hindamine	03.03.2021	EN ISO 7096:2008	03.09.2022

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Isikukaitsevahendid

Komisjoni rakendusotsus (EL) 2021/395,
millega muudetakse rakendusotsust (EL) 2020/668
(EL Teataja 2021/ L 77/35)

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 vastavuseeldus kaotab kehtivuse
EVS-EN 1149-5:2018 Kaitseriietus. Elektrostaatilised omadused. Osa 5: Materjali toimivus- ja kavandamisnõuded	05.03.2021	EN 1149-5:2008	05.09.2022
EVS-EN 17092-2:2020 Kaitserõivad mootorratturitele. Osa 2: Klassi AAA rõivad. Nõuded	05.03.2021	EN 13595-1:2002; EN 13595-3:2002	05.09.2022
EVS-EN 17092-3:2020 Kaitserõivad mootorratturitele. Osa 3: Klassi AA rõivad. Nõuded	05.03.2021	EN 13595-1:2002; EN 13595-3:2002	05.09.2022
EVS-EN 17092-4:2020 Kaitserõivad mootorratturitele. Osa 4: Klassi A rõivad. Nõuded	05.03.2021	EN 13595-1:2002; EN 13595-3:2002	05.09.2022
EVS-EN 17092-5:2020 Kaitserõivad mootorratturitele. Osa 5: Klassi B rõivad. Nõuded	05.03.2021	EN 13595-1:2002; EN 13595-3:2002	05.09.2022
EVS-EN 17092-6:2020 Kaitserõivad mootorratturitele. Osa 6: Klassi C rõivad. Nõuded	05.03.2021	EN 13595-1:2002; EN 13595-3:2002	05.09.2022
EVS-EN 17109:2020 Köitest rajad. Isikukaitsesüsteemid. Ohutusnõuded ja katsemeetodid	05.03.2021		
EVS-EN 17353:2020 Kaitserõivad. Parema nähtavusega varustus keskmise riskiga olukordades. Katsemeetodid ja nõuded	05.03.2021	EN 1150:1999; EN 13356:2001	05.09.2022
EVS-EN 469:2020 Tuletõrjujate kaitserõivad. Toimivusnõuded kaitserõivastele tulekustutustöödel	05.03.2021	EN 469:2005; EN 469:2005/A1:2006	05.09.2022
EVS-EN 61482-2:2020 Pingealune töö. Kaitseriietus elektrikaare termilise ohu eest. Osa 2: Nõuded	05.03.2021		
EVS-EN ISO 20320:2020 Lumelauaga sõitmiseks kasutatav kaitseriietus. Randmekaitsed. Nõuded ja katsemeetodid	05.03.2021		
EVS-EN ISO 27065:2017/A1:2019 Kaitseriietus. Toimivusnõuded pestitsiidide käitajatele ja pestitsiididega töödeldud alale naasvate töötajate kaitseriietusele. Muudatus 1: Keemiline asenduskatse	05.03.2021		