

Avaldatud 15.04.2020

EVS TEATAJA

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/TK 76 „Reaalajamajandus“ asutamine

Komitee tähis: EVS/TK 76

Komitee nimi: Reaalajamajandus

Komitee asutamise kuupäev: 08.04.2020

Komitee käsitusala: Reaalajamajanduse valdkonna standardimises osalemine.

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN IEC/IEEE 82079-1:2020

Preparation of information for use (instructions for use) of products - Part 1: Principles and general requirements (IEC/IEEE 82079-1:2019)

Transfer of the IEC/IEEE 82079-1 (replacement of IEC 82079-1:2012) to an equivalent EN (replacement of EN 82079-1:2012).

Keel: en

Alusdokumendid: IEC/IEEE 82079-1:2019; EN IEC/IEEE 82079-1:2020

Asendab dokumenti: EVS-EN 82079-1:2012

EVS-IEC 60050-131:2013/A2:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002/Amd 3:2019, identical)

Standardi EVS-IEC 60050-131:2013 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-131:2002/AMD3:2019

Muudab dokumenti: EVS-IEC 60050-131:2013

Muudab dokumenti: EVS-IEC 60050-131:2013+A1:2014

EVS-IEC 60050-131:2013+A1+A2:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002, identical + IEC 60050-131:2002/A1:2008, identical + IEC 60050-131:2002/A2:2013, identical + IEC 60050-131:2002/Amd 3:2019, identical)

IEC 60050 selles osas on esitatud elektri- ja magnetahelate teoorias kasutatavad põhiterminid, samuti aga ka ahelaelementide ja nende omaduste, võrgutopoloogia, n-port- ja kaksportahelate ning ahelate teooria meetodite juurde kuuluvad põhiterminid. Terminid on endastmõistetavalt kooskõlas rahvusvahelise elektrotehnika sõnastiku muudes eriosades kasutusele võetud terminitega. Mitmefaasilisi ahelaid käsitlevat jaotist, mis oli olemas selle standardi esimeses väljaandes „Elektri- ja magnetahelad“, on kavas laiendada ja esitada IEC 60050 omaette osas.

Keel: et-en

Alusdokumendid: IEC 60050-131:2002; IEC 60050-131/Amd 1:2008; IEC 60050-131/Amd 2:2013; IEC 60050-131:2002/AMD3:2019

Konsolideerib dokumenti: EVS-IEC 60050-131:2013

Konsolideerib dokumenti: EVS-IEC 60050-131:2013/A1:2014

Konsolideerib dokumenti: EVS-IEC 60050-131:2013/A2:2020

EVS-IEC 60050-151:2014/A1:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 151: Elektri- ja magnetseadised International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices (IEC 60050-151:2001/Amd 3:2019, identical)

Standardi EVS-IEC 60050-151:2014 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-151:2001/AMD3:2019

Muudab dokumenti: EVS-IEC 60050-151:2014

EVS-IEC 60050-151:2014+A1:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 151: Elektri- ja magnetseadised International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices (IEC 60050-151:2001, identical + IEC 60050-151:2001/A1:2013, identical + IEC 60050-151:2001/A2:2014, identical + IEC 60050-151:2001/Amd 3:2019, identical)

See IEC 60050 osa esitab elektrotehnika eri aladel kasutatavad üldterminid (nt „elekter“, „magnetism“, „elektroonika“, „seadis“, „komponent“ jne), ühenduste ja ühendusseadiste juurde kuuluvad üldterminid, üldtarbeliste elektri- ja magnetseadiste nagu nt takistite, trafode, releede jne juurde kuuluvad terminid ja nende seadiste käitumise, kasutamise, katsetamise ja käidu kohta käivad terminid. Terminid on endastmõistetavalt kooskõlas rahvusvahelise elektrotehnika sõnastiku muudes eri osades kasutatavate terminitega.

Keel: et-en

Alusdokumendid: IEC 60050-151:2001; IEC 60050-151/Amd 1:2013; IEC 60050-151/Amd 2:2014; IEC 60050-151:2001/AMD3:2019; EVS-IEC 60050-151:2014/AC:2016

Konsolideerib dokumenti: EVS-IEC 60050-151:2014

Konsolideerib dokumenti: EVS-IEC 60050-151:2014/A1:2020
Konsolideerib dokumenti: EVS-IEC 60050-151:2014/AC:2016

EVS-IEC 60050-161:2015/A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/Amd 8:2018, identical + IEC 60050-161:1990/Amd 9:2019, identical)

Standardi EVS-IEC 60050-161:2015 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-161:1990/AMD8:2018; IEC 60050-161:1990/AMD9:2019

Muudab dokumenti: EVS-IEC 60050-161:2015

Muudab dokumenti: EVS-IEC 60050-161:2015+A1+A2:2018

EVS-IEC 60050-161:2015+A1+A2+A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt "elektromagnetiline keskkond", "elektromagnetiline häiring", "elektromagnetiline häire", "häiringutaluvus", "häire piirtase", jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.

Keel: et-en

Alusdokumendid: IEC 60050-161:1990; IEC 60050-161/Amd 1:1997; IEC 60050-161/Amd 2:1998; IEC 60050-161/Amd 3:2014; IEC 60050-161/Amd 4:2014; IEC 60050-161/Amd 5:2015; IEC 60050-161:1990/AMD6:2016; IEC 60050-161:1990/AMD7:2017; IEC 60050-161:1990/AMD8:2018; IEC 60050-161:1990/AMD9:2019

Konsolideerib dokumenti: EVS-IEC 60050-161:2015

Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A1:2017

Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A2:2018

Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A3:2020

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

EVS-EN ISO 14906:2018/A1:2020

Electronic fee collection - Application interface definition for dedicated short-range communication - Amendment 1 (ISO 14906:2018/Amd 1:2020)

Amendment for EN ISO 14906:2018

Keel: en

Alusdokumendid: ISO 14906:2018/Amd 1:2020; EN ISO 14906:2018/A1:2020

Muudab dokumenti: EVS-EN ISO 14906:2018

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 6579-1:2017+A1:2020

Toiduahela mikrobioloogia. Horisontaalmeetod Salmonella tuvastamiseks, loendamiseks ja serotüpeerimiseks. Osa 1: Horisontaalmeetod Salmonella spp tuvastamiseks

Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 1: Horizontal method for the detection of Salmonella spp. (ISO 6579-1:2017 + ISO 6579-1:2017/Amd 1:2020)

This International Standard specifies a horizontal method for the detection of Salmonella. Additional culture steps for the detection of Salmonella Typhi and Salmonella Paratyphi are specified in an Annex of this International Standard. Subject to the limitations discussed in the Introduction, this International Standard is applicable to: - products intended for human consumption and the feeding of animals; - environmental samples in the area of food production and food handling. - Samples from the primary production stage, such as animal faeces, dust, swabs. The selective enrichment medium for detection of Salmonella in samples from the primary production stage (MSRV) is intended for the detection of motile Salmonellae and is not appropriate for the detection of nonmotile Salmonellae and/or brilliant-green sensitive Salmonella strains.

Keel: en

Alusdokumendid: EN ISO 6579-1:2017; ISO 6579-1:2017; ISO 6579-1:2017/Amd 1:2020; EN ISO 6579-1:2017/A1:2020

Konsolideerib dokumenti: EVS-EN ISO 6579-1:2017

Konsolideerib dokumenti: EVS-EN ISO 6579-1:2017/A1:2020

EVS-EN 17272:2020

Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities

The test methods described are designed to determine the disinfectant activity of processes used in the 1) medical area, 2) veterinary area, 3) food, industrial, domestic and institutional area using automated processes for distributing chemicals by air diffusion with no operator manually applying the disinfectant. This document covers the disinfection of nonporous surfaces but not that of the air. The objective of the described processes is to disinfect the surfaces of the overall area including the external surfaces of the equipment contained in such rooms. Air handling and products or processes specifically designed for the disinfection of medical devices are excluded from the scope of this document. The test methods and volumes described provide a defined challenge. This document is applicable to processes for which activity is claimed against the following groups of microorganisms: — vegetative bacteria, — mycobacteria, — bacterial spores, — yeasts, — fungal spores, — viruses, — bacteriophages. This document does not cover processes for which the mode of action is based on immersing and/or circulation, flooding, spraying, wiping or other processes where the product is directly applied to the surfaces and not via air dispersion.

Keel: en

Alusdokumendid: EN 17272:2020

EVS-EN 60601-2-43:2010/A2:2020

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisinäitajatele

Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010/A2:2019)

Standardi EN 60601-2-43:2010 muudatus

Keel: en, et

Alusdokumendid: EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019

Muudab dokumenti: EVS-EN 60601-2-43:2010

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

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisinäitajatele

Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010 + IEC 60601-2-43:2010/A1:2017 + IEC 60601-2-43:2010/A2:2019)

Asendus: See rahvusvaheline standard on kohaldatav nii FIKSEERITUD kui ka TEISALDATAVATE RÖNTGENSEADMETE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE, mis TOOTJA on kinnitanud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES ja mida edaspidi nimetatakse MENETLUSRÖNTGENSEADMETEKS. SELLE KÄSITLUSALAST ON VÄLJA JÄETUD: — KIIRITUSRAVIS kasutatavad seadmed; — KOMPUUTERTOMOGRAAFIA seadmed; — PATSIENDI KEHASSE SISESTAMISEKS MÕELDUD TARVIKUD; — mammograafilised RÖNTGENSEADMED; — dentaalRÖNTGENSEADMED. MÄRKUS 1 Näiteid FLUOROSKOOPILISELT JUHITAVATE INVASIIVPROTSEDUURIDE kohta, mille puhul on soovitatav kasutada sellele standardile vastavaid MENETLUSRÖNTGENSEADMEID, on toodud lisas AA. MÄRKUS 2 SELLES ERISTANDARDIS EI KÄSITLETA ERINÕUDEID MAGNETNAVIGATSIOONISEADMETELE EGA ERINÕUDEID MENETLUSRÖNTGENSEADMETE KASUTAMISELE OPERATSIOONITOA KESKKONNAS; SEEGA EI OLE NIMETATUD SEADMETE EGA KASUTAMISE KOHTA ANTUD MINGEID ERINÕUDEID. Igal juhul on sellised seadmed ja kasutamine kaetud põhijaotise nõuetega. MÄRKUS 3 Koonuskimpkompuutertomograafiarežiimis (ehk koonuskimp-KT-režiimis) kasutatav MENETLUSRÖNTGENSEADE on kaetud selle standardiga, mitte standardiga IEC 60601-2-44 [2]. Selle standardi kontekstis ei ole koonuskimp-KT-režiimis talitluseks määratletud mingeid lisanõudeid (vt ka märkus 4 jaotises 203.6.4.5). MENETLUSRÖNTGENSEADMED, mis on TOOTJA kinnitatud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES, kuid millel puudub süsteemi osana PATSIENDILAUD, on vabastatud selle standardi nõuetest PATSIENDILAUALE. Kui peatükk või jaotis on spetsiifiliselt ette nähtud kohaldamiseks ainult MENETLUSRÖNTGENSEADMETELE VÕI AINULT EM-SÜSTEEMIDELE, ON SEE VÄLJENDATUD SELLE PEATÜKI VÕI JAOTISE PEALKIRJAS VÕI SISUS. KUI SEDA POLE ÖELDUD, ON SEE PEATÜKK VÕI JAOTIS ASJAKOHASELT KOHALDATAV NII MENETLUSRÖNTGENSEADMETELE kui ka EM-SÜSTEEMIDELE. MÄRKUS 4 Vt ka põhistandardi jaotis 4.2. Selle standardi jaotised asendavad standardi IEC 60601-2-54 jaotisi. IEC 60601-2-54 kehtib ainult sellele viidatud jaotiste puhul; standardi IEC 60601-2-54 mitteviidatud jaotised ei ole kohaldatavad.

Keel: en, et

Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014; IEC 60601-2-43:2010/A1:2017; EN 60601-2-43:2010/A1:2018; EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010/A1:2018

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010/A2:2020

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010/AC:2014

EVS-EN IEC 60580:2020

Elektrilised meditsiiniseadmed. Doospindalamõõtur Medical electrical equipment - Dose area product meters

IEC 60580:2019 specifies the performance and testing of Dose Area Product Meters intended to measure Dose Area Product and/or Dose Area Product Rate to which the Patient is exposed during Medical Radiological Examinations. This document is applicable to the following types of Dose Area Product Meters: a) Field-Class Dose Area Product Meters normally used for the measurement of Dose Area Products during Medical Radiological Examinations; b) Reference-Class Dose Area Product Meters normally used for the Calibration of Field-Class Dosimeters. NOTE Reference-Class Dose Area Product Meters can be used as Field-Class Dose Area Product Meters. The object of this document is 1) to establish requirements for a satisfactory level of performance for Dose Area Product Meters, and 2) to standardize the methods for the determination of compliance with this level of performance. Two levels of performance are specified: – a lower level of performance applying to Field-Class Dose Area Product Meters; – a higher level of performance applying to Reference-Class Dose Area Product Meters. IEC 60580:2019 cancels and replaces the second edition published 2000, and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) a second class of devices is introduced with tighter uncertainty tolerances; b) this document has been expanded to include detectors other than ionization chambers; c) radiation qualities have been updated to the new definitions according to IEC 61267; d) a requirement on the linearity of the dose area product rate measurement was added; e) changed chamber light transmission requirement from 70 % to 60 %.

Keel: en

Alusdokumendid: IEC 60580:2019; EN IEC 60580:2020

Asendab dokumenti: EVS-EN 60580:2003

EVS-EN IEC 60601-2-31:2020

Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source

IEC 60601-2-31:2020 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of EXTERNAL PACEMAKERS powered by an INTERNAL ELECTRICAL POWER SOURCE, hereafter referred to as ME EQUIPMENT. This document applies to PATIENT CABLES as defined in 201.3.209, but does not apply to LEADS as defined in 201.3.206. HAZARDS inherent in the intended physiological function of ME EQUIPMENT within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard. This document does not apply to the implantable parts of ACTIVE IMPLANTABLE MEDICAL DEVICES covered by ISO 14708-1. This document does not apply to EXTERNAL PACEMAKERS which can be connected directly or indirectly to a SUPPLY MAINS. This document does not apply to transthoracic and oesophageal pacing ME EQUIPMENT and antitachycardia ME EQUIPMENT. IEC 60601-2-31:2020 cancels and replaces the second edition published in 2008 and Amendment 1:2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) The requirement for testing for energy reduction has been removed; b) The test for exposure to external defibrillation has been completely revised; c) The exclusion for testing ESD immunity only with respect to air discharges has been removed; d) Alignment with the latest edition of ISO 14708-2 for pacemakers, as well as the associated EMC standard ISO 14117; e) Additional rationale for all changes.

Keel: en

Alusdokumendid: IEC 60601-2-31:2020; EN IEC 60601-2-31:2020

Asendab dokumenti: EVS-EN 60601-2-31:2008

Asendab dokumenti: EVS-EN 60601-2-31:2008/A1:2011

EVS-EN IEC 60601-2-66:2020

Elektrilised meditsiiniseadmed. Osa 2-66: Erinõuded kuuldeaparaatide ja kuuldesüsteemide esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing aids and hearing aid systems

IEC 60601-2-66:2019 applies to the BASIC SAFETY of HEARING AIDS and HEARING AID SYSTEMS, hereafter also referred to as ME EQUIPMENT or ME SYSTEM. IEC 60601-2-66:2019 cancels and replaces the second edition published in 2015. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) revision of the definition about ESSENTIAL PERFORMANCE; b) revision of the application of IEC 60601-1-2:2014 for electromagnetic disturbances; c) correction of the used voltage for HEARING AIDS from 1,6 V to 4,5 V; d) correction of the drop test level from 1,5 m to 1,0 m; e) correction of the wording of IEC 60601-2-66:2015.

Keel: en

Alusdokumendid: IEC 60601-2-66:2019; EN IEC 60601-2-66:2020

Asendab dokumenti: EVS-EN 60601-2-66:2015

EVS-EN IEC 60601-2-83:2020

Elektrilised meditsiiniseadmed. Osa 2-83: Erinõuded koduse valgusraviseadme esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment (IEC 60601-2-83:2019)

IEC 60601-2-83:2019 is applicable to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HOME LIGHT THERAPY EQUIPMENT, intended for use in the HOME HEALTHCARE ENVIRONMENT. HOME LIGHT THERAPY EQUIPMENT is typically used by a LAY OPERATOR. The scope of this document includes all light sources except laser.

Keel: en

Alusdokumendid: IEC 60601-2-83:2019; EN IEC 60601-2-83:2020

EVS-EN IEC 61223-3-6:2020

Evaluation and routine testing in medical imaging departments - Part 3-6: Acceptance and constancy tests - Imaging performance of mammographic X-ray equipment used in a mammographic tomosynthesis mode of operation (IEC 61223-3-6:2020)

This part of IEC 61223 applies to the performance of MAMMOGRAPHIC X-RAY EQUIPMENT when used in MAMMOGRAPHIC TOMOSYNTHESIS modes of operation, with respect to image quality and dose. Excluded from the scope of this document are: – MAMMOGRAPHIC X-RAY EQUIPMENT modes of operation other than MAMMOGRAPHIC TOMOSYNTHESIS; – 2D images synthesized from the tomosynthesis images – reconstructive TOMOGRAPHY other than MAMMOGRAPHIC TOMOSYNTHESIS; – CT SCANNERS covered by IEC 61223-3-5; This part of IEC 61223 defines a) the essential parameters which describe the acceptability criteria of MAMMOGRAPHIC TOMOSYNTHESIS modes of operation of MAMMOGRAPHIC X-RAY EQUIPMENT with regard to image quality and dose; and b) the methods of testing whether measured quantities related to those parameters comply with specified tolerances. c) CONSTANCY TEST frequency when required This part of IEC 61223 is intended to be applied along with the acceptability criteria included in IEC 61223-3-2 [1] or equivalent protocol for 2D mammography which are also relevant for MAMMOGRAPHIC TOMOSYNTHESIS modes of operation. These methods mainly rely on non-invasive measurements that use appropriate test equipment and are performed during or after the installation. Signed statements covering steps in the installation procedure can be used as part of the ACCEPTANCE TEST. Tests required by a higher level of compliance take precedence over similar tests with a lower level of compliance. When the results of the ACCEPTANCE TEST are in compliance with the expected values, the BASELINE VALUES for the subsequent CONSTANCY TESTS are established.

Keel: en

Alusdokumendid: EN IEC 61223-3-6:2020; IEC 61223-3-6:2020

EVS-EN IEC 80601-2-26:2020

Elektrilised meditsiiniseadmed. Osa 2-26: Erinõuded elektroentsefalograafide esmasele ohutusele ja olulistele toimimisinäitajatele

Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs

IEC 80601-2-26:2019 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of ELECTROENCEPHALOGRAPHS as defined in 201.3.204, hereafter also referred to as ME EQUIPMENT or ME SYSTEM. This document is applicable to ELECTROENCEPHALOGRAPHS intended for use in professional healthcare facilities, the EMERGENCY MEDICAL SERVICES ENVIRONMENT or the HOME HEALTHCARE ENVIRONMENT. This document does not cover requirements for other equipment used in electroencephalography such as: – phono-photoc stimulators; – EEG data storage and retrieval; – ME EQUIPMENT particularly intended for monitoring during electro-convulsive therapy. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title or content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as follows. The clause or subclause applies to ME EQUIPMENT, as default. For ME EQUIPMENT with the corresponding safety measure or function not completely integrated into the ME EQUIPMENT but instead implemented in an ME SYSTEM, the ME EQUIPMENT MANUFACTURER specifies in the ACCOMPANYING DOCUMENTS which functionality and safety requirements are provided by the ME SYSTEM to comply with this document. The ME SYSTEM is verified accordingly. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document. IEC 80601-2-26:2019 cancels and replaces the third edition of IEC 60601-2-26 published in 2012. This edition constitutes a technical revision to align with Amendment 1:2012 of IEC 60601-1:2005, new versions of collateral standards and amendments thereto

Keel: en

Alusdokumendid: IEC 80601-2-26:2019; EN IEC 80601-2-26:2020

Asendab dokumenti: EVS-EN 60601-2-26:2015

EVS-EN IEC 80601-2-60:2020

Elektrilised meditsiiniseadmed. Osa 2-60: Erinõuded hambaravis kasutatavate seadmete esmasele ohutusele ja olulistele toimimisinäitajatele

Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment

IEC 80601-2-60:2019 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE OF DENTAL UNITS, DENTAL PATIENT CHAIRS, DENTAL HANDPIECES AND DENTAL OPERATING LIGHTS, hereafter referred to as DENTAL EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard. IEC 80601-2-60:2019 cancels and replaces the first edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with IEC 60601-1:2005 and IEC 60601-1:2005/AMD1:2012.

Keel: en

Alusdokumendid: IEC 80601-2-60:2019; EN IEC 80601-2-60:2020

Asendab dokumenti: EVS-EN 80601-2-60:2015

EVS-EN IEC 80601-2-78:2020

Elektrilised meditsiiniseadmed. Osa 2-78: Erinõuded taastusraviks, hindamiseks, kompenseerimiseks või leevendamiseks ette nähtud meditsiiniliste robotite esmasele ohutusele ja olulistele toimimisinäitajatele

Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation

IEC 80601-2-78:2019 applies to the general requirements for BASIC SAFETY and ESSENTIAL PERFORMANCE of MEDICAL ROBOTS that physically interact with a PATIENT with an IMPAIRMENT to support or perform REHABILITATION, ASSESSMENT, COMPENSATION or ALLEVIATION related to the PATIENT'S MOVEMENT FUNCTIONS, as intended by the MANUFACTURER. IEC 80601-2-78:2019 does not apply to • external limb prosthetic devices (use ISO 22523), • electric wheelchairs (use ISO 7176 (all parts)), • diagnostic imaging equipment (e.g. MRI, use IEC 60601-2-33), and • personal care ROBOTS (use ISO 13482).

Keel: en

Alusdokumendid: IEC 80601-2-78:2019; EN IEC 80601-2-78:2020

EVS-EN ISO 20695:2020

Enteraalsed toitmissüsteemid. Kavandamine ja katsetamine Enteral feeding systems - Design and testing (ISO 20695:2020)

This document specifies requirements for enteral feeding systems comprising enteral giving sets, enteral extension sets, enteral syringes, enteral feeding catheters, and enteral accessories. This document is not applicable to oral syringes.

Keel: en

Alusdokumendid: ISO 20695:2020; EN ISO 20695:2020

Asendab dokumenti: EVS-EN 1615:2001

Asendab dokumenti: EVS-EN 1618:1999

EVS-EN ISO 7199:2017/A1:2020

Südame-veresoonkonna implantaadid ja tehisorganid. Vere gaasivahetid (oksügeneraatorid) Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) - Amendment 1: Connectors (ISO 7199:2016/Amd 1:2020)

Amendment for EN ISO 7199:2017

Keel: en

Alusdokumendid: ISO 7199:2016/Amd 1:2020; EN ISO 7199:2017/A1:2020

Muudab dokumenti: EVS-EN ISO 7199:2017

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TR 22100-4:2020

Safety of machinery - Relationship with ISO 12100 - Part 4: Guidance to machinery manufacturers for consideration of related IT-security (cyber security) aspects (ISO/TR 22100-4:2018)

This document gives machine manufacturers guidance on potential security aspects in relation to safety of machinery when putting a machine into service or placing on the market for the first time. It provides essential information to identify and address IT-security threats which can influence safety of machinery. This document gives guidance but does not provide detailed specifications on how to address IT-security aspects which can influence safety of machinery. This document does not address the bypass or defeat of risk reduction measures through physical manipulation.

Keel: en

Alusdokumendid: ISO/TR 22100-4:2018; CEN ISO/TR 22100-4:2020

CEN/TS 17434:2020

Ambient air - Determination of the particle number size distribution of atmospheric aerosol using a Mobility Particle Size Spectrometer (MPSS)

This document describes a standard method for determining particle number size distributions in ambient air in the size range from 10 nm to 800 nm at total concentrations up to approximately 10^5 cm^{-3} with a time resolution of a few minutes. The standard method is based on a Mobility Particle Size Spectrometer (MPSS) used with a bipolar diffusion charger and a Condensation Particle Counter (CPC) as the detector. The document describes the performance characteristics and minimum requirements of the instruments and equipment to be used, and describes sampling, operation, data processing and QA/QC procedures, including calibration.

Keel: en

Alusdokumendid: CEN/TS 17434:2020

EVS-EN 407:2020

Kaitsekindad ja muud käte kaitsevahendid termiliste ohtude (kuumuse ja/või tule) eest Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)

This document specifies requirements, test methods, marking and information for protective gloves and other hand protective equipment's against thermal risks for professional use, consumer, domestic use. This document is also applicable to arm protective equipment. It is used for all gloves and other hand protective equipment's which protect the hands or part of the hand against heat and/or fire in one or more of the following forms: flame, contact heat, convective heat, radiant heat, small splashes or large quantities of molten metal. This standard document is only applicable in conjunction with EN ISO 21420:2020. This document doesn't does not apply to gloves for fire-fighters or welding that have their own standards.

Keel: en
Alusdokumendid: EN 407:2020
Asendab dokumenti: EVS-EN 407:2004

EVS-EN 840-1:2020

Mobile waste and recycling containers - Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices - Dimensions and design

This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 2 wheels, with capacity up to 400 l to be used by comb lifting devices.

Keel: en
Alusdokumendid: EN 840-1:2020
Asendab dokumenti: EVS-EN 840-1:2012

EVS-EN 840-2:2020

Mobile waste and recycling containers - Part 2: Containers with 4 wheels with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices - Dimensions and design

This European Standard specifies dimensions and design requirements of mobile waste containers with 4 wheels, with flat lid(s) and capacity up to 1 300 l to be used by trunnion and/or comb lifting device.

Keel: en
Alusdokumendid: EN 840-2:2020
Asendab dokumenti: EVS-EN 840-2:2012

EVS-EN 840-3:2020

Mobile waste and recycling containers - Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices - Dimensions and design

This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 4 wheels, with dome lid(s) and capacity up to 1 300 l to be used by trunnion and/or comb lifting device.

Keel: en
Alusdokumendid: EN 840-3:2020
Asendab dokumenti: EVS-EN 840-3:2012

EVS-EN 840-4:2020

Mobile waste and recycling containers - Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices - Dimensions and design

This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 4 wheels, with flat lid(s) and capacity up to 1 700 l to be used by wide trunnion or BG-lifting device and/or wide comb lifting device.

Keel: en
Alusdokumendid: EN 840-4:2020
Asendab dokumenti: EVS-EN 840-4:2012

EVS-EN 840-5:2020

Mobile waste and recycling containers - Part 5: Performance requirements and test methods

This European Standard gives the test methods for mobile waste and recycling containers according to EN 840-1 to EN 840-4. It also gives the levels to be reached during the tests or after they have been done. This European Standard is applicable to mobile waste and recycling containers with capacities up to 1 700 l.

Keel: en
Alusdokumendid: EN 840-5:2020
Asendab dokumenti: EVS-EN 840-5:2012

EVS-EN 840-6:2020

Mobile waste and recycling containers - Part 6: Safety and health requirements

This European Standard provides the essential safety, health and ergonomic requirements for mobile waste and recycling containers according to EN 840-1 to EN 840-4, not including hazardous wastes containers.

Keel: en
Alusdokumendid: EN 840-6:2020
Asendab dokumenti: EVS-EN 840-6:2012

EVS-EN ISO 19085-11:2020

Puidutöötlemismasinaid. Ohutus. Osa 11: Kombineeritud masinaid Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020)

This document gives the safety requirements and measures for stationary and displaceable combined woodworking machines, having at least two separately usable working units and with manual loading and unloading of the workpiece, hereinafter referred

to as "machines". The integrated working units can be of these types only: - a sawing unit; - a moulding unit; - a planing unit. The machines are designed to cut solid wood and material with similar physical characteristics to wood. NOTE 1 For the definitions of stationary and displaceable machines, see ISO 19085-1:2017, 3.4 and 3.5. This document deals with all significant hazards, hazardous situations and events as listed in Clause 4, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases have been taken into account. NOTE 2 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100:2010. This document does apply to machines also equipped with the devices/additional working units listed in the Scopes of ISO 19085-5:2017, ISO 19085-6:2017, ISO 19085-7:2019 and ISO 19085-9:2019. This document does not apply to: a) machines incorporating only a planing unit and a mortising device; NOTE 3 Such machines are dealt with in ISO 19085-7:2019. b) combined machines incorporating a band saw unit; c) machines with a mortising unit with a separate drive other than the planing unit drive; d) machines intended for use in potentially explosive atmosphere; e) machines manufactured before the date of its publication as an International Standard.

Keel: en

Alusdokumendid: ISO 19085-11:2020; EN ISO 19085-11:2020

Asendab dokumenti: EVS-EN 940:2009+A1:2012

EVS-EN ISO 19085-9:2020

Puidutöötlemismasinad. Ohutus. Osa 9: Ketassaepingid (liuglauuga ja ilma)

Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)

This document gives the safety requirements and measures for stationary and displaceable circular saw benches (with or without sliding table and/or demountable power feed unit), also known as "table saws" (in the USA), hereinafter referred to as "machines", designed to cut wood and material with similar physical characteristics to wood. NOTE 1 For the definition of stationary and displaceable machine, see ISO 19085-1:2017, 3.4 and 3.5. It deals with all significant hazards, hazardous situations and events as listed in Clause 4 relevant to these machines when they are operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases are taken into account. NOTE 2 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100:2010. It is also applicable to machines fitted with one or more of the following devices, or working unit, whose hazards have been dealt with: — device for the main saw blade and scoring saw blade to be raised and lowered through the table; — device to tilt the main saw blade and scoring saw blade for angled cutting; — device for scoring; — device for grooving with milling tool with a width not exceeding 20 mm in one pass; — demountable power feed unit; — additional manually operated sliding table; — powered work-piece clamping device. NOTE 3 Circular saw benches are used for ripping, cross cutting, dimensioning and grooving. This document does not apply to: a) transportable/displaceable machines intended for outdoor use on building sites; NOTE 4 Building site saws (contractor saws) are covered by the requirements of ISO 19085-10:2018. b) hand held woodworking machines including any adaptation permitting their use in a different mode, i.e. bench mounting; c) machines intended for use in a potentially explosive atmosphere; d) machines manufactured before the date of its publication as an International Standard; e) transportable machines with a maximum saw blade diameter of ≤ 315 mm. NOTE 5 Transportable motor-operated electric tools are dealt with in IEC 62841-1:2014 and IEC 62841-3-1:2014.

Keel: en

Alusdokumendid: ISO 19085-9:2019; EN ISO 19085-9:2020

Asendab dokumenti: EVS-EN 1870-19:2013

EVS-EN ISO 20320:2020

Lumelauuga sõitmiseks kasutatav kaitseriietus. Randmekaitsed. Nõuded ja katsemeetodid

Protective clothing for use in Snowboarding - Wrist Protectors - Requirements and test methods (ISO 20320:2020)

This document specifies the requirements and test methods for ergonomics, innocuousness, comfort/sizing, restraint, ability to limit wrist extension and attenuate impact force on the palm as well as provisions for marking and instructions supplied by the manufacturer for wrist protectors for all users of snowboard equipment. It does not apply to protectors used in roller sports, alpine skiing, or other sports. This document does not address protection for the forearm due to axial forces caused by an impact on the fingers or fist. Moreover, this document does not address protection against palmar flexion (terminal flexion) caused by an impact on the dorsal side of the hand.

Keel: en

Alusdokumendid: ISO 20320:2020; EN ISO 20320:2020

EVS-EN ISO 21832:2020

Workplace air - Metals and metalloids in airborne particles - Requirements for evaluation of measuring procedures (ISO 21832:2018)

This document specifies performance requirements and test methods for the evaluation of procedures for measuring metals and metalloids in airborne particles sampled onto a suitable collection substrate. This document specifies a method for estimating the uncertainties associated with random and systematic errors and combining them to calculate the expanded uncertainty of the measuring procedure as a whole, as prescribed in ISO 20581. This document is applicable to measuring procedures in which sampling and analysis is carried out in separate stages, but it does not specify performance requirements for collection, transport and storage of samples, since these are addressed in EN 13205-1 and ISO 15767. This document does not apply to procedures for measuring metals or metalloids present as inorganic gases or vapours (e.g. mercury, arsenic) or to procedures for measuring metals and metalloids in compounds that could be present as a particle/vapour mixture (e.g. arsenic trioxide).

Keel: en

Alusdokumendid: ISO 21832:2018; EN ISO 21832:2020

Asendab dokumenti: EVS-EN 13890:2009

EVS-EN 60704-2-4:2012/A11:2020

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4: Particular requirements for washing machines and spin extractors

IEC 60704-2-4:2011 These particular requirements apply to single unit electrical washing machines and the washing and spinning function of combined appliances for household and similar use and to spin extractors for household and similar use. This third edition cancels and replaces the second edition (2001). Main changes are: - measurement uncertainty and standard deviations are taken into account, - definitions of standard test load and standard test program are modified, - test enclosure was replaced by common test enclosure defined in Part 1 and - information to be reported is modified.

Keel: en

Alusdokumendid: EN 60704-2-4:2012/A11:2020

Muudab dokumenti: EVS-EN 60704-2-4:2012

EVS-EN IEC 60118-13:2020

**Elektroakustika. Kuuldeaparaadid. Osa 13: Nõuded ja meetodid mobiilsete traadita digitaalseadmete elektromagnetilise häiringukindluse mõõtmiseks
Electroacoustics - Hearing aids - Part 13: Requirements and methods of measurement for electromagnetic immunity to mobile digital wireless devices**

IEC 60118-13:2019 covers the relevant EMC phenomena for hearing aids. Hearing aid immunity to high frequency fields originating from digital wireless devices such as mobile phones was identified as one of the most relevant EMC phenomena impacting hearing aids. IEC 60118-13:2019 cancels and replaces the fourth edition published in 2016 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) it introduces a new measurement method and set of EMC requirements for hearing aids immunity to mobile digital wireless devices; b) generic EMC requirements for hearing aids are no longer included – should be covered by other standards as appropriate.

Keel: en

Alusdokumendid: IEC 60118-13:2019; EN IEC 60118-13:2020

Asendab dokumenti: EVS-EN 60118-13:2011

EVS-EN IEC 60601-2-66:2020

**Elektrilised meditsiiniseadmed. Osa 2-66: Erinõuded kuuldeaparaatide ja kuulatesüsteemide esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing aids and hearing aid systems**

IEC 60601-2-66:2019 applies to the BASIC SAFETY of HEARING AIDS and HEARING AID SYSTEMS, hereafter also referred to as ME EQUIPMENT or ME SYSTEM. IEC 60601-2-66:2019 cancels and replaces the second edition published in 2015. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) revision of the definition about ESSENTIAL PERFORMANCE; b) revision of the application of IEC 60601-1-2:2014 for electromagnetic disturbances; c) correction of the used voltage for HEARING AIDS from 1,6 V to 4,5 V; d) correction of the drop test level from 1,5 m to 1,0 m; e) correction of the wording of IEC 60601-2-66:2015.

Keel: en

Alusdokumendid: IEC 60601-2-66:2019; EN IEC 60601-2-66:2020

Asendab dokumenti: EVS-EN 60601-2-66:2015

EVS-EN IEC 60704-2-16:2019/A11:2020

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-16: Particular requirements for washer-dryers

Amendment for EN IEC 60704-2-16:2019

Keel: en

Alusdokumendid: EN IEC 60704-2-16:2019/A11:2020

Muudab dokumenti: EVS-EN IEC 60704-2-16:2019

EVS-IEC 60050-131:2013/A2:2020

**Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria
International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002/Amd 3:2019, identical)**

Standardi EVS-IEC 60050-131:2013 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-131:2002/AMD3:2019

Muudab dokumenti: EVS-IEC 60050-131:2013

Muudab dokumenti: EVS-IEC 60050-131:2013+A1:2014

EVS-IEC 60050-131:2013+A1+A2:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria

International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002, identical + IEC 60050-131:2002/A1:2008, identical + IEC 60050-131:2002/A2:2013, identical + IEC 60050-131:2002/Amd 3:2019, identical)

IEC 60050 selles osas on esitatud elektri- ja magnetahelate teoorias kasutatavad põhiterminid, samuti aga ka ahelaelementide ja nende omaduste, võrgutopoloogia, n-port- ja kaksporthelate ning ahelate teooria meetodite juurde kuuluvad põhiterminid. Terminid on endastmõistetavalt kooskõlas rahvusvahelise elektrotehnika sõnastiku muudes eriosades kasutusele võetud terminitega. Mitmefaasilisi ahelaid käsitlevat jaotist, mis oli olemas selle standardi esimeses väljaandes „Elektri- ja magnetahelad“, on kavas laiendada ja esitada IEC 60050 omaette osas.

Keel: et-en

Alusdokumendid: IEC 60050-131:2002; IEC 60050-131/Amd 1:2008; IEC 60050-131/Amd 2:2013; IEC 60050-131:2002/AMD3:2019

Konsolideerib dokumenti: EVS-IEC 60050-131:2013

Konsolideerib dokumenti: EVS-IEC 60050-131:2013/A1:2014

Konsolideerib dokumenti: EVS-IEC 60050-131:2013/A2:2020

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 61400-12-1:2017/AC:2020

Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines

Corrigendum for EN 61400-12-1:2017

Keel: en

Alusdokumendid: IEC 61400-12-1:2017/COR2:2020; EN 61400-12-1:2017/AC:2020-04

Parandab dokumenti: EVS-EN 61400-12-1:2017

EVS-EN IEC 62282-3-100:2020

Fuel cell technologies - Part 3-100: Stationary fuel cell power systems - Safety

IEC 62282-3-100:2019 applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions. This document is applicable to stationary fuel cell power systems intended for indoor and outdoor commercial, industrial and residential use in non-hazardous areas. This second edition cancels and replaces the first edition published in 2012. This edition includes the following significant technical changes with respect to the previous edition: a) recognition that fuel carrying components qualified to leakage standards (soundness) need not be considered as potential flammable leak sources; b) new annex for small power systems; and c) clarifications for numerous requirements and tests

Keel: en

Alusdokumendid: IEC 62282-3-100:2019; EN IEC 62282-3-100:2020

Asendab dokumenti: EVS-EN 62282-3-100:2012

29 ELEKTROTEHNIKA

EVS-EN 50119:2020

Raudteelased rakendused. Püsipaigaldised. Elekterveo kontaktõhuliinid

Railway applications - Fixed installations - Electric traction overhead contact lines

See dokument kehtib elektertranspordi kontaktõhuliini süsteemidele, mida kasutatakse avalike või eraoperaatorite raudteedel, trammiteedel (kergraudteedel), trollibussidel ja tööstuslikel raudteedel. See dokument kehtib uutele kontaktõhuliini paigaldistele ja olemasolevate kontaktõhuliini süsteemide täielikul rekonstrueerimisel. See dokument hõlmab nõudeid ja katsetusi, mida rakendatakse kontaktõhuliinide projekteerimisel, nõudeid konstruktsioonidele ja nende struktuuri arvutustele ning kinnitustele, samuti nõudeid ja katsetusi koostude ja üksikosade projekteerimiseks. See dokument ei hõlma nõudeid maapealsetele kontaktrööbassüsteemidele (vt joonis 1).

Keel: en, et

Alusdokumendid: EN 50119:2020

Asendab dokumenti: EVS-EN 50119:2009

Asendab dokumenti: EVS-EN 50119:2009/A1:2013

EVS-EN IEC 60086-6:2020

Primary batteries - Part 6: Guidance on environmental aspects

IEC 60086-6:2020 applies to all chemistries of portable primary cells and batteries standardized in the 60086 series. The purpose of this document is to provide guidance on the proper scientific protocols for testing the environmental performance of batteries; the symbols used to convey messages for collection, recycling, or other ideas; and the aspects and functional unit(s) to be included in assessing the environmental impact of batteries with modern life-cycle analysis techniques

Keel: en

Alusdokumendid: IEC 60086-6:2020; EN IEC 60086-6:2020

EVS-EN IEC 60633:2020/AC:2020

High-voltage direct current (HVDC) transmission - Vocabulary

Corrigendum for EN IEC 60633:2019

Keel: en

Alusdokumendid: IEC 60633:2019/COR1:2020; EN IEC 60633:2019/AC:2020-04

Parandab dokumenti: EVS-EN IEC 60633:2020

EVS-EN IEC 61293:2020

Elektriseadmete märgistamine elektrivarustusega seotud tunnusandmetega. Ohutusnõuded Marking of electrical equipment with ratings related to electrical supply - Safety requirements

IEC 61293:2019 establishes minimum requirements and general rules on marking electric equipment with ratings and other characteristics to enable the proper and safe selection and installation of electric equipment related to any supply of electricity. The object of this document is to: • provide general requirements for the marking of the characteristics related to any supply system, such as voltage, current, frequency and power, without any restrictions; • provide technical committees with uniform methods for the marking of electrical ratings of products. This document is primarily intended for application by technical committees when specifying minimum markings of ratings related to any electrical supply of equipment, sub-assemblies and components, but it is also for application by product manufacturers for marking their products. This horizontal standard is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 108. One of the responsibilities of a technical committee is, wherever applicable, to make use of horizontal standards in the preparation of its publications. The contents of this horizontal standard will not apply unless specifically referred to or included in the relevant publications. IEC 61293:2019 cancels and replaces the first edition published in 1994. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) its status as a basic safety publication has been removed, and it has become a horizontal publication in accordance with IEC Guide 108; b) the scope is extended to include the applicability of this document to product manufacturers; c) the addition of a provision that the visibility of the marking during normal operation should be considered; d) more detailed requirements where equipment has a set or range of rated values for a given characteristic; e) requirements regarding the provision of the markings also in the technical documentation have been added; f) some notes have been converted to normative text; g) normative references and references to other standards have been updated.

Keel: en

Alusdokumendid: IEC 61293:2019; EN IEC 61293:2020

Asendab dokumenti: EVS-EN 61293:2001

EVS-EN IEC/IEEE 82079-1:2020

Preparation of information for use (instructions for use) of products - Part 1: Principles and general requirements (IEC/IEEE 82079-1:2019)

Transfer of the IEC/IEEE 82079-1 (replacement of IEC 82079-1:2012) to an equivalent EN (replacement of EN 82079-1:2012).

Keel: en

Alusdokumendid: IEC/IEEE 82079-1:2019; EN IEC/IEEE 82079-1:2020

Asendab dokumenti: EVS-EN 82079-1:2012

EVS-IEC 60050-131:2013/A2:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002/Amd 3:2019, identical)

Standardi EVS-IEC 60050-131:2013 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-131:2002/AMD3:2019

Muudab dokumenti: EVS-IEC 60050-131:2013

Muudab dokumenti: EVS-IEC 60050-131:2013+A1:2014

EVS-IEC 60050-131:2013+A1+A2:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002, identical + IEC 60050-131:2002/A1:2008, identical + IEC 60050-131:2002/A2:2013, identical + IEC 60050-131:2002/Amd 3:2019, identical)

IEC 60050 selles osas on esitatud elektri- ja magnetahelate teoorias kasutatavad põhiterminid, samuti aga ka ahelaelementide ja nende omaduste, võrgutopoloogia, n-port- ja kaksportahelate ning ahelate teooria meetodite juurde kuuluvad põhiterminid. Terminid on endastmõistetavalt kooskõlas rahvusvahelise elektrotehnika sõnastiku muudes eriosades kasutusele võetud terminitega. Mitmefaasilisi ahelaid käsitlevat jaotist, mis oli olemas selle standardi esimeses väljaandes „Elektri- ja magnetahelad“, on kavas laiendada ja esitada IEC 60050 omaette osas.

Keel: et-en

Alusdokumendid: IEC 60050-131:2002; IEC 60050-131/Amd 1:2008; IEC 60050-131/Amd 2:2013; IEC 60050-131:2002/AMD3:2019

Konsolideerib dokumenti: EVS-IEC 60050-131:2013

Konsolideerib dokumenti: EVS-IEC 60050-131:2013/A1:2014

Konsolideerib dokumenti: EVS-IEC 60050-131:2013/A2:2020

EVS-IEC 60050-151:2014/A1:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 151: Elektri- ja magnetseadised International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices (IEC 60050-151:2001/Amd 3:2019, identical)

Standardi EVS-IEC 60050-151:2014 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-151:2001/AMD3:2019

Muudab dokumenti: EVS-IEC 60050-151:2014

EVS-IEC 60050-151:2014+A1:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 151: Elektri- ja magnetseadised International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices (IEC 60050-151:2001, identical + IEC 60050-151:2001/A1:2013, identical + IEC 60050-151:2001/A2:2014, identical + IEC 60050-151:2001/Amd 3:2019, identical)

See IEC 60050 osa esitab elektrotehnika eri aladel kasutatavad üldterminid (nt „elekter“, „magnetism“, „elektroonika“, „seadis“, „komponent“ jne), ühenduste ja ühendusseadiste juurde kuuluvad üldterminid, üldtarbeliste elektri- ja magnetseadiste nagu nt takistite, trafode, releede jne juurde kuuluvad terminid ja nende seadiste käitumise, kasutamise, katsetamise ja käidu kohta käivad terminid. Terminid on endastmõistetavalt kooskõlas rahvusvahelise elektrotehnika sõnastiku muudes eri osades kasutatavate terminitega.

Keel: et-en

Alusdokumendid: IEC 60050-151:2001; IEC 60050-151/Amd 1:2013; IEC 60050-151/Amd 2:2014; IEC 60050-151:2001/AMD3:2019; EVS-IEC 60050-151:2014/AC:2016

Konsolideerib dokumenti: EVS-IEC 60050-151:2014

Konsolideerib dokumenti: EVS-IEC 60050-151:2014/A1:2020

Konsolideerib dokumenti: EVS-IEC 60050-151:2014/AC:2016

EVS-IEC 60050-161:2015/A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/Amd 8:2018, identical + IEC 60050-161:1990/Amd 9:2019, identical)

Standardi EVS-IEC 60050-161:2015 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-161:1990/AMD8:2018; IEC 60050-161:1990/AMD9:2019

Muudab dokumenti: EVS-IEC 60050-161:2015

Muudab dokumenti: EVS-IEC 60050-161:2015+A1+A2:2018

EVS-IEC 60050-161:2015+A1+A2+A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt „elektromagnetiline keskkond“, „elektromagnetiline häiring“, „elektromagnetiline häire“, „häiringutaluvus“, „häire piirtase“, jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.

Keel: et-en

Alusdokumendid: IEC 60050-161:1990; IEC 60050-161/Amd 1:1997; IEC 60050-161/Amd 2:1998; IEC 60050-161/Amd 3:2014; IEC 60050-161/Amd 4:2014; IEC 60050-161/Amd 5:2015; IEC 60050-161:1990/AMD6:2016; IEC 60050-161:1990/AMD7:2017; IEC 60050-161:1990/AMD8:2018; IEC 60050-161:1990/AMD9:2019

Konsolideerib dokumenti: EVS-IEC 60050-161:2015

Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A1:2017

Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A2:2018

Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A3:2020

31 ELEKTROONIKA

EVS-EN IEC 62812:2019/AC:2020

Low resistance measurements - Methods and guidance

Corrigendum for EN IEC 62812:2019

Keel: en

Alusdokumendid: IEC 62812:2019/COR1:2020; EN IEC 62812:2019/AC:2020-04

Parandab dokumenti: EVS-EN IEC 62812:2019

EVS-EN 303 258 V1.1.1:2020**Juhtmevabad tööstuslikud rakendused (WIA); Sagedusalas 5725 MHz - 5875 MHz töötavad seadmed võimsusega kuni 400 mW; Raadiospektrile juurdepääsu harmoneeritud standard Wireless Industrial Applications (WIA); Equipment operating in the 5 725 MHz to 5 875 MHz frequency range with power levels ranging up to 400 mW; Harmonised Standard for access to radio spectrum**

The present document specifies technical characteristics and methods of measurements for Wireless Industrial Applications equipment operating in the 5 725 MHz to 5 875 MHz frequency band. The present document also specifies spectrum sharing mechanisms to enable co-existence with other equipment operating in the 5 725 MHz to 5 875 MHz frequency band. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU under the conditions identified in annex A.

Keel: en

Alusdokumendid: ETSI EN 303 258 V1.1.1

EVS-EN 55014-1:2017+A11:2020**Elektromagnetiline ühilduvus. Nõuded majapidamismasinatete, elektrilistele tööriistadele ja nendesarnastele seadmetele. Osa 1: Emissioon
Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission**

This part of CISPR 14 specifies the requirements that apply to the emission of radiofrequency disturbances in the frequency range 9 kHz to 400 GHz from appliances, electric tools and similar apparatus as defined below, whether powered by AC or DC (including a battery). Within this standard wherever the term "equipment" is used it includes the more specific terms "appliance", "household or similar appliances", "electric tool", "toys" and "apparatus". This International Standard is applicable to the following equipment: • household appliances or similar equipment; NOTE 1 Examples are equipment used: – for typical housekeeping functions in the household environment, which includes the dwelling and its associated buildings, the garden, etc.; – for typical housekeeping functions in shops, offices, commercial and other similar working environments; – in farms; – by clients in hotels and other residential type environments; – for induction cooking, either in residential or commercial environments. • electric tools; NOTE 2 Examples of electric tools include electric motor-operated or electromagnetically driven hand-held tools, transportable tools, lawn and garden machinery. • similar apparatus. NOTE 3 Examples are external power controllers using semiconductor devices, motor-driven electro-medical apparatus, electric/electronic toys, automatic goods-dispensing machines, entertainment machines, cine or slide projectors, as well as battery chargers and external power supplies for use with products under the scope of this standard. Also included in the scope of this standard are separate parts of the above mentioned equipment such as motors and switching devices (e.g. power or protective relays); however, no emission requirements apply to such separate parts, unless otherwise stated in this standard.

Keel: en

Alusdokumendid: CISPR 14-1:2016; CISPR 14-1:2016/COR1:2016; EN 55014-1:2017; EN 55014-1:2017/A11:2020

Konsolideerib dokumenti: EVS-EN 55014-1:2017

Konsolideerib dokumenti: EVS-EN 55014-1:2017/A11:2020

EVS-EN 61300-2-19:2013/AC:2020**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-19: Tests - Damp heat (steady state)**

Corrigendum for EN 61300-2-19:2013

Keel: en

Alusdokumendid: IEC 61300-2-19:2012/COR1:2020; EN 61300-2-19:2013/AC:2020-04

Parandab dokumenti: EVS-EN 61300-2-19:2013

EVS-EN 61850-7-2:2010/A1:2020**Communication networks and systems for power utility automation - Part 7-2: Basic information and communication structure - Abstract communication service interface (ACSI)**

Amendment for EN 61850-7-2:2010

Keel: en

Alusdokumendid: IEC 61850-7-2:2010/A1:2020; EN 61850-7-2:2010/A1:2020

Muudab dokumenti: EVS-EN 61850-7-2:2010

EVS-EN 61850-7-4:2010/A1:2020**Communication networks and systems for power utility automation - Part 7-4: Basic communication structure - Compatible logical node classes and data object classes**

Amendment for EN 61850-7-4:2010

Keel: en

Alusdokumendid: IEC 61850-7-4:2010/A1:2020; EN 61850-7-4:2010/A1:2020

Muudab dokumenti: EVS-EN 61850-7-4:2010

EVS-EN 61850-9-2:2011/A1:2020

Communication networks and systems for power utility automation - Part 9-2: Specific communication service mapping (SCSM) - Sampled values over ISO/IEC 8802-3

Amendment for EN 61850-9-2:2011

Keel: en

Alusdokumendid: IEC 61850-9-2:2011/A1:2020; EN 61850-9-2:2011/A1:2020

Muudab dokumenti: EVS-EN 61850-9-2:2011

EVS-EN IEC 60118-13:2020

Elektroakustika. Kuuldeaparaadid. Osa 13: Nõuded ja meetodid mobiilsete traadita digitaalseadmete elektromagnetilise häiringukindluse mõõtmiseks Electroacoustics - Hearing aids - Part 13: Requirements and methods of measurement for electromagnetic immunity to mobile digital wireless devices

IEC 60118-13:2019 covers the relevant EMC phenomena for hearing aids. Hearing aid immunity to high frequency fields originating from digital wireless devices such as mobile phones was identified as one of the most relevant EMC phenomena impacting hearing aids. IEC 60118-13:2019 cancels and replaces the fourth edition published in 2016 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) it introduces a new measurement method and set of EMC requirements for hearing aids immunity to mobile digital wireless devices; b) generic EMC requirements for hearing aids are no longer included – should be covered by other standards as appropriate.

Keel: en

Alusdokumendid: IEC 60118-13:2019; EN IEC 60118-13:2020

Asendab dokumenti: EVS-EN 60118-13:2011

EVS-EN IEC 62368-1:2020+A11:2020

Audio-, video-, informatsiooni- ja sidetehnoloogia seadmed. Osa 1: Ohutusnõuded Audio/video, information and communication technology equipment - Part 1: Safety requirements

IEC 62368-1:2018 is applicable to the safety of electrical and electronic equipment within the field of audio, video, information and communication technology, and business and office machines with a rated voltage not exceeding 600 V. This document does not include requirements for performance or functional characteristics of equipment. This is a product safety standard that classifies energy sources, prescribes safeguards against those energy sources, and provides guidance on the application of, and requirements for, those safeguards. The prescribed safeguards are intended to reduce the likelihood of pain, injury and, in the case of fire, property damage. This third edition cancels and replaces the second edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - addition of requirements for outdoor equipment; - new requirements for optical radiation; - addition of requirements for insulating liquids; - addition of requirements for work cells; - addition of requirements for wireless power transmitters; - addition of requirements for fully insulated winding wire (FIW); - alternative method for determination of top, bottom and side openings for fire enclosures; - alternative requirements for sound pressure. This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of standards for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51.

Keel: en

Alusdokumendid: IEC 62368-1:2018; EN IEC 62368-1:2020; EN IEC 62368-1:2020/A11:2020

Konsolideerib dokumenti: EVS-EN IEC 62368-1:2020

Konsolideerib dokumenti: EVS-EN IEC 62368-1:2020/A11:2020

EVS-IEC 60050-161:2015/A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/Amd 8:2018, identical + IEC 60050-161:1990/Amd 9:2019, identical)

Standardi EVS-IEC 60050-161:2015 muudatus.

Keel: et-en

Alusdokumendid: IEC 60050-161:1990/AMD8:2018; IEC 60050-161:1990/AMD9:2019

Muudab dokumenti: EVS-IEC 60050-161:2015

Muudab dokumenti: EVS-IEC 60050-161:2015+A1+A2:2018

EVS-IEC 60050-161:2015+A1+A2+A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt "elektromagnetiline keskkond", "elektromagnetiline häiring", "elektromagnetiline häire", "häiringutaluvus", "häire piirtase", jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.

Keel: et-en

Alusdokumendid: IEC 60050-161:1990; IEC 60050-161/Amd 1:1997; IEC 60050-161/Amd 2:1998; IEC 60050-161/Amd 3:2014; IEC 60050-161/Amd 4:2014; IEC 60050-161/Amd 5:2015; IEC 60050-161:1990/AMD6:2016; IEC 60050-161:1990/AMD7:2017; IEC 60050-161:1990/AMD8:2018; IEC 60050-161:1990/AMD9:2019
Konsolideerib dokumenti: EVS-IEC 60050-161:2015
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A1:2017
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A2:2018
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A3:2020

35 INFOTEHNOLOOGIA

CEN/TS 17402:2020

Intelligent transport systems - Urban ITS - Use of regional traffic standards in a mixed vendor environment

This document will provide a background to the relevance of standards concerning mixed vendor environments in the context of urban-ITS. It will describe key mixed vendor environments interfaces. It will define: - Open specifications for sensor systems: existing open specifications and provides common specifications - Open specifications for traffic control: existing open specifications and provides common specifications - Open specifications for traffic information: existing open specifications and provides common specifications - Open specifications for distributed C-ITS: existing open specifications and provides common specifications - Open specifications for central systems: existing open specifications and provides common specifications It will describe openly plied proprietary standards and extant communications protocols that can be used in mixed vendor environments in the context of urban-ITS.

Keel: en

Alusdokumendid: CEN/TS 17402:2020

EVS-EN 50090-5-2:2020

Home and Building Electronic Systems (HBES) - Part 5-2: Media and media dependent layers - Network based on HBES Class 1, Twisted Pair

This European Standard defines the mandatory and optional requirements for the medium specific physical and data link layer for HBES Class 1 Twisted Pair TP1. Data link layer interface and general definitions, which are media independent, are given in EN 50090-4-2.

Keel: en

Alusdokumendid: EN 50090-5-2:2020

Asendab dokumenti: EVS-EN 50090-5-2:2004

EVS-EN 50600-4-7:2020

Information technology - Data centre facilities and infrastructures - Part 4-7: Cooling Efficiency Ratio

This document specifies the Cooling Efficiency Ratio (CER) as a Key Performance Indicator (KPI) to quantify the efficient use of energy to control the temperature of the spaces within the data centre. This document: a) defines the Cooling Efficiency Ratio (CER) of a data centre; b) describes the relationship of this KPI to a data centre's infrastructure, information technology equipment and information technology operations; c) defines the measurement, the calculation and the reporting of the parameter; d) provides information on the correct interpretation of the CER. Annex A describes the correlation of CER and other KPIs. Annex B provides examples of the application of CER. Annex C introduces the parameters that affect CER. Annex D describes requirements and recommendations for derivatives of KPIs associated with CER.

Keel: en

Alusdokumendid: EN 50600-4-7:2020

EVS-EN 50643:2018/A1:2020

Majapidamises ja büroos kasutatavad elektri- ja elektroonikaseadmed. Võrgus olevate seadmete tarbitava võimsuse mõõtmine võrgutoitelises ooteseisundis Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment

Amendment for EN 50643:2018

Keel: en

Alusdokumendid: EN 50643:2018/A1:2020

Muudab dokumenti: EVS-EN 50643:2018

EVS-EN IEC 62368-1:2020+A11:2020

Audio-, video-, informatsiooni- ja sidetehnoloogia seadmed. Osa 1: Ohutusnõuded Audio/video, information and communication technology equipment - Part 1: Safety requirements

IEC 62368-1:2018 is applicable to the safety of electrical and electronic equipment within the field of audio, video, information and communication technology, and business and office machines with a rated voltage not exceeding 600 V. This document does not include requirements for performance or functional characteristics of equipment. This is a product safety standard that classifies

energy sources, prescribes safeguards against those energy sources, and provides guidance on the application of, and requirements for, those safeguards. The prescribed safeguards are intended to reduce the likelihood of pain, injury and, in the case of fire, property damage. This third edition cancels and replaces the second edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - addition of requirements for outdoor equipment; - new requirements for optical radiation; - addition of requirements for insulating liquids; - addition of requirements for work cells; - addition of requirements for wireless power transmitters; - addition of requirements for fully insulated winding wire (FIW); - alternative method for determination of top, bottom and side openings for fire enclosures; - alternative requirements for sound pressure. This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of standards for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51.

Keel: en

Alusdokumendid: IEC 62368-1:2018; EN IEC 62368-1:2020; EN IEC 62368-1:2020/A11:2020

Konsolideerib dokumenti: EVS-EN IEC 62368-1:2020

Konsolideerib dokumenti: EVS-EN IEC 62368-1:2020/A11:2020

EVS-EN ISO 11073-20701:2020

Health informatics - Device interoperability - Part 20701: Point-of-care medical device communication - Service oriented medical device exchange architecture and protocol binding (ISO/IEEE 11073-20701:2020)

The scope of this standard is a service-oriented medical device architecture and communication protocol specification for distributed system of Point-of-Care (PoC) medical devices and medical IT systems that need to exchange data or safely control networked PoC medical devices. It identifies the functional components, their communication relationships as well as the binding of the components and communication relationships to protocol specifications.

Keel: en

Alusdokumendid: EN ISO 11073-20701:2020; ISO/IEEE 11073-20701:2020

EVS-EN ISO 14906:2018/A1:2020

Electronic fee collection - Application interface definition for dedicated short-range communication - Amendment 1 (ISO 14906:2018/Amd 1:2020)

Amendment for EN ISO 14906:2018

Keel: en

Alusdokumendid: ISO 14906:2018/Amd 1:2020; EN ISO 14906:2018/A1:2020

Muudab dokumenti: EVS-EN ISO 14906:2018

37 VISUAALTEHNIKA

EVS-EN 60601-2-43:2010/A2:2020

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010/A2:2019)

Standardi EN 60601-2-43:2010 muudatus

Keel: en, et

Alusdokumendid: EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019

Muudab dokumenti: EVS-EN 60601-2-43:2010

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

Elektrilised meditsiiniseadmed. Osa 2-43: Erinõuded invasiivprotseduuride röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 2-43: Particular requirements for basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010 + IEC 60601-2-43:2010/A1:2017 + IEC 60601-2-43:2010/A2:2019)

Asendus: See rahvusvaheline standard on kohaldatav nii FIKSEERITUD kui ka TEISALDATAVATE RÖNTGENSEADMETE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE, mis TOOTJA on kinnitanud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES ja mida edaspidi nimetatakse MENETLUSRÖNTGENSEADMETEKS. SELLE KÄSITLUSALAST ON VÄLJA JÄETUD: — KIIRITUSRAVIS kasutatavad seadmed; — KOMPUUTERTOMOGRAAFIA seadmed; — PATSIENDI KEHASSE SISESTAMISEKS MÕELDUD TARVIKUD; — mammograafilised RÖNTGENSEADMED; — dentaalröntgenseadmED. MÄRKUS 1 Näiteid FLUOROSKOOPILISELT JUHITAVATE INVASIIVPROTSEDUURIDE kohta, mille puhul on soovitatav kasutada sellele standardile vastavaid MENETLUSRÖNTGENSEADMEDID, on toodud lisan AA. MÄRKUS 2 SELLES ERISTANDARDIS EI KÄSITLETA ERINÕUDEID MAGNETNAVIGATSIOONISEADMETELE EGA ERINÕUDEID MENETLUSRÖNTGENSEADMETE KASUTAMISELE OPERATSIOONITOA KESKKONNAS; SEEGA EI OLE NIMETATUD SEADMETE EGA KASUTAMISE KOHTA ANTUD MINGEID ERINÕUDEID. Igal juhul on sellised seadmed ja kasutamine kaetud põhijaotise nõuetega. MÄRKUS 3 Koonuskimpkompuutertomograafiarežiimis (ehk koonuskimp-KT-režiimis) kasutatav MENETLUSRÖNTGENSEADE on kaetud

selle standardiga, mitte standardiga IEC 60601-2-44 [2]. Selle standardi kontekstis ei ole koonuskimp-KT-režiimis talitluseks määratletud mingeid lisanõudeid (vt ka märkus 4 jaotis 203.6.4.5). MENETLUSRÖNTGENSEADMED, mis on TOOTJA kinnitatud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES, kuid millel puudub süsteemi osana PATSIENDILAUD, on vabastatud selle standardi nõuetest PATSIENDILAUALE. Kui peatükk või jaotis on spetsiifiliselt ette nähtud kohaldamiseks ainult MENETLUSRÖNTGENSEADMETELE VÕI AINULT EM-SÜSTEEMIDELE, ON SEE VÄLJENDATUD SELLE PEATÜKI VÕI JAOTISE PEALKIRJAS VÕI SISUS. KUI SEDA POLE ÖELDUD, ON SEE PEATÜKK VÕI JAOTIS ASJAKOHASELT KOHALDATAV NII MENETLUSRÖNTGENSEADMETELE kui ka EM-SÜSTEEMIDELE. MÄRKUS 4 Vt ka põhistandardi jaotis 4.2. Selle standardi jaotised asendavad standardi IEC 60601-2-54 jaotisi. IEC 60601-2-54 kehtib ainult sellele viidatud jaotiste puhul; standardi IEC 60601-2-54 mitteviidatud jaotised ei ole kohaldatavad.

Keel: en, et

Alusdokumendid: IEC 60601-2-43:2010; EN 60601-2-43:2010; EN 60601-2-43:2010/AC:2014; IEC 60601-2-43:2010/A1:2017;

EN 60601-2-43:2010/A1:2018; EN 60601-2-43:2010/A2:2020; IEC 60601-2-43:2010/A2:2019

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010/A1:2018

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010/A2:2020

Konsolideerib dokumenti: EVS-EN 60601-2-43:2010/AC:2014

45 RAUDTEETEHNIKA

EVS-EN 15227:2020

Raudteelased rakendused. Raudteeveeremi kere purunemiskindluse nõuded Railway applications - Crashworthiness requirements for rail vehicles

Selles dokumendis määratakse purunemiskindluse nõuded uute toodetena konstrueeritud — veduritele, — kauba- ja reisiringide juhtpeadele; — reisiringides kasutatavale reisiväärerile (näiteks trammid, metroovagunid, reisivagunid). Selles dokumendis tuuakse välja passiivse ohutuse tagamise üldised meetodid, mida on võimalik kohandada sobitumaks eri veeremiüksuste individuaalsete vajadustega. See dokument määratleb takistuste referentsmudelite parameetrid kasutamiseks kokkupõrgete projekteeritud stsenaariumide puhul. See dokument määratleb ka nõuded ja meetodid näitamaks, et passiivse ohutuse eesmärgid on saavutatud võrdluses olemasolevate tõendatud konstruktsioonide, numbriliste simulatsioonide, komponentide või täismõõtmes katsetuste või kõigi nende meetodite kombinatsiooni teel.

Keel: en, et

Alusdokumendid: EN 15227:2020

Asendab dokumenti: EVS-EN 15227:2008+A1:2010

EVS-EN 15611:2020

Raudteelased rakendused. Pidurdamine. Releeklapid Railway applications - Braking - Relay valves

This document is applicable to relay valves designated to control the brake cylinder pressure of compressed air brakes fitted to railway vehicles, in association with an air brake distributor valve or other control device. It covers one stage relay valves and relay valves adjusting the brake cylinder pressure in response to a change in vehicle speed or load that is either continuously variable or in two or more stages, i.e. empty – loaded. Relay valves operating with other pressures, in particular the brake pipe pressure, are not included. This document specifies the requirements for the design, manufacture and testing of relay valves.

Keel: en

Alusdokumendid: EN 15611:2020

Asendab dokumenti: EVS-EN 15611:2008+A1:2010

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 11105:2020

Väikelaevad. Bensiinimootori ja/või bensiinipaagi sektsioonide ventilatsioon Small craft - Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:2020)

This document specifies requirements for the ventilation of petrol engine and petrol tank compartments in small craft having petrol engines for propulsion, electrical generation or mechanical power, to prevent the accumulation of explosive gases in these compartments. Personal watercraft are not covered in this document.

Keel: en

Alusdokumendid: ISO 11105:2020; EN ISO 11105:2020

Asendab dokumenti: EVS-EN ISO 11105:2017

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16602-70-17:2020

Space product assurance - Durability testing of coatings and surface finishes

This standard specifies requirements for the durability testing of coatings most commonly used for space applications, i.e.: - Thin film optical coatings - Thermo-optical and thermal control coatings (the majority are paints, metallic deposits and coatings for stray light reduction) - Metallic coatings for other applications (RF, electrical, corrosion protection) This standard covers testing for both ground and in-orbit phases of a space mission, mainly for satellite applications. This standard applies to coatings within off the shelf items This standard specifies the types of test to be performed for each class of coating, covering the different phases of a space project (evaluation, qualification and acceptance) This standard does not cover: - The particular qualification requirements

for a specific mission - Specific applications of coatings for launchers (e.g. high temperature coatings) - Specific functional testing requirements for the different coating classes - Test requirements for long term storage - Solar cell cover glass coatings - Surface treatments and conformal coatings applied on EEE parts

Keel: en

Alusdokumendid: ECSS-Q-ST-70-17C; EN 16602-70-17:2020

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN ISO 12822:2020

Glass packaging - 26 H 126 crown finish - Dimensions (ISO 12822:2020)

This document specifies the dimensions of the 26 mm-shallow crown finish for glass bottles containing beverages. The shallow crown finish is designed to use a metal crown cap (see Reference [2]).

Keel: en

Alusdokumendid: ISO 12822:2020; EN ISO 12822:2020

Asendab dokumenti: EVS-EN 14635:2010

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 14088:2020

Leather - Chemical tests - Quantitative analysis of tanning agents by filter method (ISO 14088:2020)

This document specifies a test method for the determination of tanning agents through filtration of all vegetable and synthetic tanning products.

Keel: en

Alusdokumendid: ISO 14088:2020; EN ISO 14088:2020

Asendab dokumenti: EVS-EN ISO 14088:2012

71 KEEMILINE TEHNOLOOGIA

CEN/TS 17441:2020

Laboratory installations - Ventilation systems in laboratories

This document applies for the planning, design, installation and commissioning of ventilation systems in laboratories. It also applies for scientific classrooms in schools when equipped with a ventilation system. The application of this document depends not on the term laboratory in its narrower sense but this document also applies also for laboratory-related rooms in which work with dangerous or health hazardous substances is performed.

Keel: en

Alusdokumendid: CEN/TS 17441:2020

EVS-EN 1390:2020

Wood preservatives - Determination of the eradicator action against *Hylotrupes bajulus* (Linnaeus) larvae - Laboratory method

This document specifies a method for the determination of the eradicator action of a surface application of a fast and a slow acting wood preservative product or a deferred acting wood preservative product on solid wood infested with larvae of *Hylotrupes bajulus* (Linnaeus). This method is applicable to: - organic formulations, as supplied or as prepared in the laboratory by dilution of concentrates; or - organic water-dispersible formulations, as supplied or as prepared in the laboratory by dilution of concentrates; or - water-soluble products, for example, salts. NOTE An ageing procedure cannot be combined with this method.

Keel: en

Alusdokumendid: EN 1390:2020

Asendab dokumenti: EVS-EN 1390:2006

EVS-EN 17272:2020

Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities

The test methods described are designed to determine the disinfectant activity of processes used in the 1) medical area, 2) veterinary area, 3) food, industrial, domestic and institutional area using automated processes for distributing chemicals by air diffusion with no operator manually applying the disinfectant. This document covers the disinfection of nonporous surfaces but not that of the air. The objective of the described processes is to disinfect the surfaces of the overall area including the external surfaces of the equipment contained in such rooms. Air handling and products or processes specifically designed for the disinfection of medical devices are excluded from the scope of this document. The test methods and volumes described provide a defined challenge. This document is applicable to processes for which activity is claimed against the following groups of microorganisms: — vegetative bacteria, — mycobacteria, — bacterial spores, — yeasts, — fungal spores, — viruses, — bacteriophages. This document does not cover processes for which the mode of action is based on immersing and/or circulation, flooding, spraying, wiping or other processes where the product is directly applied to the surfaces and not via air dispersion.

Keel: en
Alusdokumendid: EN 17272:2020

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 20088-2:2020

Determination of the resistance to cryogenic spill of insulation materials - Part 2: Vapour exposure (ISO 20088-2:2020)

This document describes a method for determining the resistance of Cryogenic Spill Protection (CSP) systems to vapour generated from a cryogenic liquid release where the liquid content is practically zero. It is applicable where CSP systems are installed on carbon steel. The test provided in this document is not applicable to high pressure cryogenic liquid releases that can be found in refrigeration circuits and in LNG streams immediately post-liquefaction.

Keel: en
Alusdokumendid: ISO 20088-2:2020; EN ISO 20088-2:2020

EVS-EN ISO 21809-3:2016/A1:2020

Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 3: Field joint coatings - Amendment 1: Introduction of mesh-backed coating systems (ISO 21809-3:2016/Amd 1:2020)

Amendment for EN ISO 21809-3:2016

Keel: en
Alusdokumendid: ISO 21809-3:2016/Amd 1:2020; EN ISO 21809-3:2016/A1:2020
Muudab dokumenti: EVS-EN ISO 21809-3:2016

EVS-EN ISO 8973:2001/A1:2020

Liquefied petroleum gases - Calculation method for density and vapour pressure - Amendment 1 (ISO 8973:1997/Amd 1:2020)

Amendment for EN ISO 8973:1999

Keel: en
Alusdokumendid: ISO 8973:1997/Amd 1:2020; EN ISO 8973:1999/A1:2020
Muudab dokumenti: EVS-EN ISO 8973:2001

77 METALLURGIA

CEN/TS 13388:2020

Copper and copper alloys - Compendium of compositions and products

This document provides a summary of material designations, compositions and the product forms in which they are available, for coppers and copper alloys standardized in European Standards by CEN/TC 133 "Copper and copper alloys".

Keel: en
Alusdokumendid: CEN/TS 13388:2020
Asendab dokumenti: CEN/TS 13388:2015

EVS-EN 10139:2016+A1:2020

Cold rolled uncoated low carbon steel narrow strip for cold forming - Technical delivery conditions

1.1 This European Standard applies to cold rolled narrow strip in coils and cut lengths in thicknesses up to 10 mm and of widths less than 600 mm, made from low carbon, unalloyed and alloyed steels in accordance with Table 1. These products are suitable for cold forming. They are also suitable for surface coating. On the other hand, they are not suitable for hardening treatment followed by tempering. 1.2 This European Standard does not cover cold rolled flat products for which a separate standard already exists, particularly the following products: - cold rolled non-oriented electrical steel sheet and strip delivered in the fully processed state (EN 10106); - grain-oriented electrical steel sheet and strip delivered in the fully processed state (EN 10107); - cold rolled electrical non-alloy and alloy steel sheet and strip delivered in the semi-processed state (EN 10341); - cold rolled narrow steel strip for heat treatment (EN 10132 1 to -4); - cold rolled steel flat products with higher yield strength for cold forming (EN 10268); - cold rolled low carbon steel flat products for cold forming (EN 10130); - cold reduced blackplate in coil form for the production of tinplate or electrolytic chromium/chromium oxide coated steel (EN 10205); - cold rolled low carbon steel flat products for vitreous enamelling (EN 10209).

Keel: en
Alusdokumendid: EN 10139:2016+A1:2020
Asendab dokumenti: EVS-EN 10139:2016

EVS-EN 14915:2013+A2:2020**Täispuidust vooderdis ja pealistus. Omadused, nõuded ja märgistus
Solid wood panelling and cladding - Characteristics, requirements and marking**

See Euroopa standard määrab kindlaks asjakohased omadused ja sobivad katsemeetodid nende omaduste määramiseks vooderdiseks ja pealistuseks (kaasa arvatud välisvooderdiseks) kasutatavatele täispuittoodetele: sein- ja laevooderdis sisetingimustes kasutamiseks; sein- ja laepealistus välistingimustes kasutamiseks. Standard määrab kindlaks nende toodete toimivuse püsivuse hindamise ja tõendamise ning märgistuse nõuded." See Euroopa standard ei hõlma jäikuselementidena kasutamiseks ette nähtud plaate. See Euroopa standard ei hõlma ripplagede puitvooderdist. See Euroopa standard ei hõlma immutamise, pinnakatmise või modifitseerimise protsesse. See Euroopa standard ei hõlma kihtpuidust valmistatud tooteid. See Euroopa standard hõlmab immutatud, immutamata ja kaetud pinnaga tooteid, kaasa arvatud neid, mis on terminiliselt või keemiliselt modifitseeritud puidust, samuti sõrmjätkatud ja servliimitud tooteid. MÄRKUS Pinnakatmise ja immutamise eeskirjad võib leida kasutuskohas kehtivatest dokumentidest. See Euroopa standard hõlmab tooteid, mis on vastavuses standarditega EN 14519, EN 15146 ja EN 14951, ning teisi täispuittöoteid, mis on valmistatud kasutamiseks vooderdises ja pealistuses.

Keel: en, et

Alusdokumendid: EN 14915:2013+A2:2020

Asendab dokumenti: EVS-EN 14915:2013+A1:2017

EVS-EN ISO 19085-11:2020**Puidutöötlemismasinad. Ohutus. Osa 11: Kombineeritud masinad
Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020)**

This document gives the safety requirements and measures for stationary and displaceable combined woodworking machines, having at least two separately usable working units and with manual loading and unloading of the workpiece, hereinafter referred to as "machines". The integrated working units can be of these types only: - a sawing unit; - a moulding unit; - a planing unit. The machines are designed to cut solid wood and material with similar physical characteristics to wood. NOTE 1 For the definitions of stationary and displaceable machines, see ISO 19085-1:2017, 3.4 and 3.5. This document deals with all significant hazards, hazardous situations and events as listed in Clause 4, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases have been taken into account. NOTE 2 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100:2010. This document does apply to machines also equipped with the devices/additional working units listed in the Scopes of ISO 19085-5:2017, ISO 19085-6:2017, ISO 19085-7:2019 and ISO 19085-9:2019. This document does not apply to: a) machines incorporating only a planing unit and a mortising device; NOTE 3 Such machines are dealt with in ISO 19085-7:2019. b) combined machines incorporating a band saw unit; c) machines with a mortising unit with a separate drive other than the planing unit drive; d) machines intended for use in potentially explosive atmosphere; e) machines manufactured before the date of its publication as an International Standard.

Keel: en

Alusdokumendid: ISO 19085-11:2020; EN ISO 19085-11:2020

Asendab dokumenti: EVS-EN 940:2009+A1:2012

EVS-EN ISO 19085-9:2020**Puidutöötlemismasinad. Ohutus. Osa 9: Ketassaepingid (liuglauaga ja ilma)
Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table)
(ISO 19085-9:2019)**

This document gives the safety requirements and measures for stationary and displaceable circular saw benches (with or without sliding table and/or demountable power feed unit), also known as "table saws" (in the USA), hereinafter referred to as "machines", designed to cut wood and material with similar physical characteristics to wood. NOTE 1 For the definition of stationary and displaceable machine, see ISO 19085-1:2017, 3.4 and 3.5. It deals with all significant hazards, hazardous situations and events as listed in Clause 4 relevant to these machines when they are operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases are taken into account. NOTE 2 For relevant but not significant hazards, e.g. sharp edges of the machine frame, see ISO 12100:2010. It is also applicable to machines fitted with one or more of the following devices, or working unit, whose hazards have been dealt with: — device for the main saw blade and scoring saw blade to be raised and lowered through the table; — device to tilt the main saw blade and scoring saw blade for angled cutting; — device for scoring; — device for grooving with milling tool with a width not exceeding 20 mm in one pass; — demountable power feed unit; — additional manually operated sliding table; — powered work-piece clamping device. NOTE 3 Circular saw benches are used for ripping, cross cutting, dimensioning and grooving. This document does not apply to: a) transportable/displaceable machines intended for outdoor use on building sites; NOTE 4 Building site saws (contractor saws) are covered by the requirements of ISO 19085-10:2018. b) hand held woodworking machines including any adaptation permitting their use in a different mode, i.e. bench mounting; c) machines intended for use in a potentially explosive atmosphere; d) machines manufactured before the date of its publication as an International Standard; e) transportable machines with a maximum saw blade diameter of ≤ 315 mm. NOTE 5 Transportable motor-operated electric tools are dealt with in IEC 62841-1:2014 and IEC 62841-3-1:2014.

Keel: en

Alusdokumendid: ISO 19085-9:2019; EN ISO 19085-9:2020

Asendab dokumenti: EVS-EN 1870-19:2013

EVS-EN ISO 17178:2020**Adhesives - Adhesives for bonding parquet to subfloor - Test methods and minimum requirements (ISO 17178:2013)**

ISO 17178:2013 specifies test methods for adhesives for bonding parquet and similar wood floorings to a subfloor. It also specifies the minimum requirements for shear strength, tensile strength to be achieved with these adhesives. ISO 17178:2013 does not refer to the selection and installation of parquet floorings.

Keel: en

Alusdokumendid: ISO 17178:2013; EN ISO 17178:2020

Asendab dokumenti: EVS-EN 14293:2006

EVS-EN ISO 19064-2:2020**Plastics - Styrene-acrylonitrile (SAN) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 19064-2:2020)**

This document specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of styrene-acrylonitrile (SAN) moulding and extrusion materials. It gives the requirements for handling the test material and for conditioning both the test material before moulding and the specimens before testing. This document gives procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made. It lists properties and test methods which are suitable and necessary to characterize SAN moulding and extrusion materials. The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 19064-1. The methods of specimen preparation and conditioning, the specimen dimensions and the test procedures specified in this document are used in order to obtain reproducible and comparable test results. Values determined are not always identical to those obtained using specimens of different dimensions or prepared using different procedures.

Keel: en

Alusdokumendid: ISO 19064-2:2020; EN ISO 19064-2:2020

Asendab dokumenti: EVS-EN ISO 4894-2:2000

EVS-EN ISO 19066-2:2020**Plastics - Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 19066-2:2020)**

This document specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials. It gives the requirements for handling the test material and for conditioning both the test material before moulding and the specimens before testing. This document gives procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made. It lists properties and test methods which are suitable and necessary to characterize MABS moulding and extrusion materials. The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 19066-1. The methods of specimen preparation and conditioning, the specimen dimensions and the test procedures specified in this document are used in order to obtain reproducible and comparable test results. Values determined are not always identical to those obtained using specimens of different dimensions or prepared using different procedures.

Keel: en

Alusdokumendid: ISO 19066-2:2020; EN ISO 19066-2:2020

Asendab dokumenti: EVS-EN ISO 10366-2:2004

EVS-EN ISO 3262-1:2020**Extenders - Specifications and methods of test - Part 1: Introduction and general test methods (ISO 3262-1:2020)**

This document gives the definition for the term extender and specifies test methods that are required for most of the subsequent parts of ISO 3262. NOTE The subsequent parts of ISO 3262 specify requirements and the corresponding methods of test for extenders for use in paints, related coating materials and other applications.

Keel: en

Alusdokumendid: ISO 3262-1:2020; EN ISO 3262-1:2020

Asendab dokumenti: EVS-EN ISO 3262-1:2000

CEN/TS 17441:2020**Laboratory installations - Ventilation systems in laboratories**

This document applies for the planning, design, installation and commissioning of ventilation systems in laboratories. It also applies for scientific classrooms in schools when equipped with a ventilation system. The application of this document depends not on the term laboratory in its narrower sense but this document also applies also for laboratory-related rooms in which work with dangerous or health hazardous substances is performed.

Keel: en

Alusdokumendid: CEN/TS 17441:2020

EVS 814:2020**Normaalbetooni külmakindlus. Määratlused, spetsifikatsioonid ja katsemeetodid****Frost resistance of normal-weight concrete - Definitions, specifications and test methods**

Selles Eesti standardis püstitatakse nõuded normaalbetooni külmakindlusele olenevalt betoonarandi eksploatatsioonitingimustest ja antakse katsemeetod selle otseseks määramiseks. Betoonarandide projekteerimisel tuleb sageli arvestada peale külmakindluse nõude ka teiste keskkonnaklasside mõjuritega (EVS-EN 206:2014+A1:2016 jaotis 4.1), mis võivad tingida erimeetmete rakendamise nii betooni koostisosade valikul, tehnoloogilises protsessis kui ka betoonarandide konstruktsioonis (näiteks armatuuri kaitsekihi määramisel). Selles standardis on kirjeldatud betooni külmakindluse hindamist külmutamis-sulatamismeetodiga otsesel katsetamisel ettenähtud katsetus(külmutus)keskkonnas, mis võib olla kas destilleeritud vesi või naatriumkloriidi vesilahus. Arvestades standardis EVS-EN 206 määratletud konkreetset keskkonnaklassi, mille alusel toimub betoonarandi külmakindluse klassi ja sellekohase vastavuskriteeriumi valik, võib üksikjuhtudel nii keskkonnaklassi (külmakindluse klassi) kui ka katsetus(külmutus)keskkonna määramine toimuda osapoolte kokkuleppel. See standard ei käsitlenud standardi EVS-EN 206 klassifikatsiooni järgi raske- ega kergbetooni (poor- ja korebetoon). MÄRKUS Mõnedel juhtudel ei pruugi katsemeetod sobida eribetoone, näiteks kõrgtugeva betooni, isetiheneva betooni jt katsetamiseks. Sel juhul tuleb kasutada kokkuleppelist erimeetodikat.

Keel: et

Asendab dokumenti: EVS 814:2003

EVS-EN 16475-1:2020**Korstnad. Tarvikud. Osa 1: Korstnasummutid. Nõuded ja katsemeetodid****Chimneys - Accessories - Part 1: Chimney silencers - Requirements and test methods**

Selles dokumendis sätestatakse nõuded ja katsemeetodid metallist suitsugaasisummutitele, mida kasutatakse lisatarvikuna selleks, et vähendada põletusseadmete müraaset. See dokument hõlmab ühenduslõõrides ja korstnate peal kasutatavaid summuteid. See dokument ei hõlma korstnalõikudena paigaldatavaid summuteid. Selles dokumendis ei käsitleta aktiivsummuteid. See dokument ei hõlma komponente, mida on katsetatud koos lõõride või süsteemikorstnatega.

Keel: en, et

Alusdokumendid: EN 16475-1:2020

EVS-EN 16475-6:2020**Korstnad. Tarvikud. Osa 6: Ligipääsuelemendid. Nõuded ja katsemeetodid****Chimneys - Accessories - Part 6: Access components - Requirements and test methods**

This document specifies the requirements and test methods for access components comprising a frame and a door or doors which provide access to the flue of a chimney for the purpose of inspection or cleaning. Access components for higher nominal working temperature than 450 °C, positive pressure and wet applications are not covered by this standard. The document is limited to access components with door opening dimensions with a maximum width of 450 mm and a maximum height of 600 mm. Products not freely ventilated are excluded from this document. This document also specifies the requirements for marking, manufacturers' instruction, product information and information on the AVCP (Assessment and Verification of Constancy of Performance). Access components already tested together with system chimney products or other chimney components, e.g. flue liners, are not covered by this document.

Keel: en

Alusdokumendid: EN 16475-6:2020

EVS-EN ISO 8970:2020**Timber structures - Testing of joints made with mechanical fasteners - Requirements for timber density (ISO 8970:2020)**

This document specifies a method based on density, for the selection of pieces of wood used in determining the strength and stiffness properties of joints between members of structural timber made with mechanical fasteners. It is intended to be used in conjunction with a test standard specifying a test method. It is assumed that the wood pieces are conditioned to the relevant conditions, that the wood density is normally distributed and that any deviations are reported. This document is applicable only to specimens of structural timber. NOTE It is emphasized that the wood density is only one of the properties that can influence the strength of a joint. Other relevant properties are, for example, growth-ring size and orientation, toughness and hardness.

Keel: en

Alusdokumendid: ISO 8970:2020; EN ISO 8970:2020

Asendab dokumenti: EVS-EN ISO 8970:2010

EVS-EN 12697-6:2020**Asfaltsegud. Katsemeetodid. Osa 6: Asfaltproovikehade mahumassi määramine
Bituminous mixtures - Test methods - Part 6: Determination of bulk density of bituminous specimens**

See dokument määratleb tihendatud asfaltproovikehade mahumassi määramise katsemeetodid. Katsemeetodid on mõeldud kasutamiseks laboratoorselt tihendatud proovikehade või paigaldatud ja tihendatud katendist välja puuritud või saetud proovikehade korral. See dokument määratleb järgmised neli meetodit, mille valik sõltub hinnangulisest proovikeha poorsusest ja pooriide avatusest: a) mahumass — kuiv (kasutatav väga kinnise pinnaga proovikehade korral); b) mahumass — immutatud ja kuivatatud pinnaga (saturated surface dry, SSD) (kasutatav kinnise pinnaga proovikehade puhul); c) mahumass — hermetiseeritud proovikeha (kasutatav avatud või koreda pinnaga proovikehade korral); d) mõõtmepõhine mahumass (kasutatav korrapärase pinna ja geomeetrilise vormiga, st ruudu-, ristküliku- või silindri- vms kujuliste proovikehade korral). MÄRKUS Lisa A (teatmelisa) annab üldjuhised sobiva meetodi valimiseks.

Keel: en, et

Alusdokumendid: EN 12697-6:2020

Asendab dokumenti: EVS-EN 12697-6:2012

EVS-EN 1176-7:2020**Mänguväljaku seadmed ja aluspind. Osa 7: Juhised paigaldamise, ülevaatuse, hooldamise ja kasutamise kohta****Playground equipment and surfacing - Part 7: Guidance on installation, inspection, maintenance and operation**

See dokument on kohaldatav mänguväljaku seadmetele, aluspinnakattele ja lisaseadmetele, nt väravad, tarad, pingid, prügikastid, varjud jne. See on mõeldud kasutamiseks mänguväljaku operaatoritele (vt määratlus 3.4) nende abistamiseks ülevaatuse ja hoolduse korra parendamiseks iga mänguväljaku jaoks. MÄRKUS 1 Ülevaatuse käsitusala ja lisaseadmete kaasamine varieerub individuaalselt. MÄRKUS 2 Lisaseadmed ei ole arvatud standardisarja EN 1176 osades varustuse konkreetsete tüüpide hulka; seega ei hinnata neid vastavusele standardisarjale EN 1176 ning need allutatakse riskihindamisele. See dokument kehtestab juhised mänguväljaku seadmete ja seadmeid ümbritseva aluspinnakatte paigaldamisele, ülevaatusele, hooldusele ja opereerimisele.

Keel: en, et

Alusdokumendid: EN 1176-7:2020

Asendab dokumenti: EVS-EN 1176-7:2008

EVS-EN 50090-5-2:2020**Home and Building Electronic Systems (HBES) - Part 5-2: Media and media dependent layers - Network based on HBES Class 1, Twisted Pair**

This European Standard defines the mandatory and optional requirements for the medium specific physical and data link layer for HBES Class 1 Twisted Pair TP1. Data link layer interface and general definitions, which are media independent, are given in EN 50090-4-2.

Keel: en

Alusdokumendid: EN 50090-5-2:2020

Asendab dokumenti: EVS-EN 50090-5-2:2004

EVS-EN 50491-11:2015/A1:2020**General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 11: Smart Metering - Application Specifications - Simple External Consumer Display**

This European Standard specifies a data model to abstract the metering world towards a simple external. The data model, as described by means of functional blocks contained in this European Standard, lays down the format of metering data

Keel: en

Alusdokumendid: EN 50491-11:2015/A1:2020

Muudab dokumenti: EVS-EN 50491-11:2015

EVS-EN 50643:2018/A1:2020**Majapidamises ja büroos kasutatavad elektri- ja elektroonikaseadmed. Võrgus olevate seadmete tarbitava võimsuse mõõtmine võrgutoitelises ooteseisundis****Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment**

Amendment for EN 50643:2018

Keel: en

Alusdokumendid: EN 50643:2018/A1:2020

Muudab dokumenti: EVS-EN 50643:2018

EVS-EN 60704-2-4:2012/A11:2020

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4: Particular requirements for washing machines and spin extractors

IEC 60704-2-4:2011 These particular requirements apply to single unit electrical washing machines and the washing and spinning function of combined appliances for household and similar use and to spin extractors for household and similar use. This third edition cancels and replaces the second edition (2001). Main changes are: - measurement uncertainty and standard deviations are taken into account, - definitions of standard test load and standard test program are modified, - test enclosure was replaced by common test enclosure defined in Part 1 and - information to be reported is modified.

Keel: en

Alusdokumendid: EN 60704-2-4:2012/A11:2020

Muudab dokumenti: EVS-EN 60704-2-4:2012

EVS-EN ISO 20320:2020

Lumelauaga sõitmiseks kasutatav kaitseriietus. Randmekaitsed. Nõuded ja katsemeetodid Protective clothing for use in Snowboarding - Wrist Protectors - Requirements and test methods (ISO 20320:2020)

This document specifies the requirements and test methods for ergonomics, innocuousness, comfort/sizing, restraint, ability to limit wrist extension and attenuate impact force on the palm as well as provisions for marking and instructions supplied by the manufacturer for wrist protectors for all users of snowboard equipment. It does not apply to protectors used in roller sports, alpine skiing, or other sports. This document does not address protection for the forearm due to axial forces caused by an impact on the fingers or fist. Moreover, this document does not address protection against palmar flexion (terminal flexion) caused by an impact on the dorsal side of the hand.

Keel: en

Alusdokumendid: ISO 20320:2020; EN ISO 20320:2020

EVS-EN ISO 5912:2020

Camping tents - Requirements and test methods (ISO 5912:2020)

This document specifies the requirements on safety, performance and fitness for use of camping tents. NOTE For caravan awnings, see ISO 8936.

Keel: en

Alusdokumendid: ISO 5912:2020; EN ISO 5912:2020

Asendab dokumenti: EVS-EN ISO 5912:2011

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 82079-1:2012

Preparation of instructions for use - Structuring, content and presentation - Part 1: General principles and detailed requirements

Keel: en

Alusdokumendid: IEC 82079-1:2012; EN 82079-1:2012

Asendatud järgmise dokumendiga: EVS-EN IEC/IEEE 82079-1:2020

Standardi staatus: Kehtetu

EVS-ISO 5681:2001

Taimekaitsevad. Sõnavara Equipment for crop protection. Vocabulary

Keel: en, et

Alusdokumendid: ISO 5681:1992

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 1615:2001

Ühekordselt kasutatavad steriilsed enteraalseks toitmiseks ettenähtud kateetrid ja manustusseadmed ja nende ühendused. Konstruktsioon ja katsetamine Enteral feeding catheters and enteral giving sets for single use and their connectors - Design and testing

Keel: en

Alusdokumendid: EN 1615:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 20695:2020

Standardi staatus: Kehtetu

EVS-EN 1618:1999

Kateetrid, v.a intravaskulaarsed (soonesised) kateetrid. Üldiste omaduste katsemeetodid Catheters other than intravascular catheters - Test methods for common properties

Keel: en

Alusdokumendid: EN 1618:1997

Asendatud järgmise dokumendiga: EVS-EN ISO 20695:2020

Standardi staatus: Kehtetu

EVS-EN 60580:2003

Elektrilised meditsiiniseadmed. Doospindalamõõtur Medical electrical equipment - Dose area product meters

Keel: en

Alusdokumendid: IEC 60580:2000; EN 60580:2000

Asendatud järgmise dokumendiga: EVS-EN IEC 60580:2020

Standardi staatus: Kehtetu

EVS-EN 60601-2-26:2015

Elektrilised meditsiiniseadmed. Osa 2-26: Erinõuded elektriliste entsefalograafide esmasele ohutusele ja olulistele toimimisnäitajatele Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs

Keel: en

Alusdokumendid: IEC 60601-2-26:2012; EN 60601-2-26:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-26:2020

Standardi staatus: Kehtetu

EVS-EN 60601-2-31:2008

Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source

Keel: en

Alusdokumendid: IEC 60601-2-31:2008; EN 60601-2-31:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-31:2020
Muudetud järgmise dokumendiga: EVS-EN 60601-2-31:2008/A1:2011
Standardi staatus: Kehtetu

EVS-EN 60601-2-31:2008/A1:2011

Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source

Keel: en
Alusdokumendid: IEC 60601-2-31:2008/A1:2011; EN 60601-2-31:2008/A1:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-31:2020
Standardi staatus: Kehtetu

EVS-EN 60601-2-66:2015

Elektrilised meditsiiniseadmed. Osa 2-66: Erinõuded kuuldeseadmete ja kuuldeseadmesüsteemide esmasele ohutusele ja olulistele toimimisnäitajatele Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems

Keel: en
Alusdokumendid: IEC 60601-2-66:2015; EN 60601-2-66:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-66:2020
Standardi staatus: Kehtetu

EVS-EN 80601-2-60:2015

Elektrilised meditsiiniseadmed. Osa 2-60: Erinõuded hambaravis kasutatavate seadmete esmasele ohutusele ja olulistele toimimisnäitajatele Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment

Keel: en
Alusdokumendid: IEC 80601-2-60:2012; EN 80601-2-60:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 80601-2-60:2020
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 13890:2009

Workplace exposure - Procedures for measuring metals and metalloids in airborne particles - Requirements and test methods

Keel: en
Alusdokumendid: EN 13890:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 21832:2020
Standardi staatus: Kehtetu

EVS-EN 407:2004

Kaitsekindad termiliste ohtude (kuumuse ja/või tule) eest Protective gloves against thermal risks (heat and/or fire)

Keel: en
Alusdokumendid: EN 407:2004
Asendatud järgmise dokumendiga: EVS-EN 407:2020
Standardi staatus: Kehtetu

EVS-EN 840-1:2012

Mobile waste and recycling containers - Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices - Dimensions and design

Keel: en
Alusdokumendid: EN 840-1:2012
Asendatud järgmise dokumendiga: EVS-EN 840-1:2020
Standardi staatus: Kehtetu

EVS-EN 840-2:2012

Mobile waste and recycling containers - Part 2: Containers with 4 wheels with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices - Dimensions and design

Keel: en
Alusdokumendid: EN 840-2:2012

Asendatud järgmise dokumendiga: EVS-EN 840-2:2020
Standardi staatus: Kehtetu

EVS-EN 840-3:2012

Mobile waste and recycling containers - Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices - Dimensions and design

Keel: en
Alusdokumendid: EN 840-3:2012
Asendatud järgmise dokumendiga: EVS-EN 840-3:2020
Standardi staatus: Kehtetu

EVS-EN 840-4:2012

Mobile waste and recycling containers - Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices - Dimensions and design

Keel: en
Alusdokumendid: EN 840-4:2012
Asendatud järgmise dokumendiga: EVS-EN 840-4:2020
Standardi staatus: Kehtetu

EVS-EN 840-5:2012

Mobile waste and recycling containers - Part 5: Performance requirements and test methods

Keel: en
Alusdokumendid: EN 840-5:2012
Asendatud järgmise dokumendiga: EVS-EN 840-5:2020
Standardi staatus: Kehtetu

EVS-EN 840-6:2012

Mobile waste and recycling containers - Part 6: Safety and health requirements

Keel: en
Alusdokumendid: EN 840-6:2012
Asendatud järgmise dokumendiga: EVS-EN 840-6:2020
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60118-13:2011

Elektroakustika. Kuuldeaparaadid. Osa 13: Elektromagnetiline ühilduvus (EMC) Electroacoustics - Hearing aids Part 13: Electromagnetic compatibility (EMC)

Keel: en
Alusdokumendid: IEC 60118-13:2011; EN 60118-13:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60118-13:2020
Asendatud järgmise dokumendiga: FprEN 60118-13
Standardi staatus: Kehtetu

EVS-EN 60601-2-66:2015

Elektrilised meditsiiniseadmed. Osa 2-66: Erinõuded kuuldeseadmete ja kuuldeseadmesüsteemide esmasele ohutusele ja olulistele toimimisinäitajatele Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems

Keel: en
Alusdokumendid: IEC 60601-2-66:2015; EN 60601-2-66:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-66:2020
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 62282-3-100:2012

Kütuseelementide kasutamistehnika. Osa 3-100: Kohtkindlad kütuseelement-energiaallikad. Ohutus Fuel cell technologies - Part 3-100: Stationary fuel cell power systems - Safety

Keel: en
Alusdokumendid: IEC 62282-3-100:2012; EN 62282-3-100:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62282-3-100:2020

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50119:2009

Raudteealased rakendused. Püsipaigaldised. Elektertranspordi kontaktliinid Railway applications - Fixed installations - Electric traction overhead contact lines

Keel: en, et

Alusdokumendid: EN 50119:2009

Asendatud järgmise dokumendiga: EVS-EN 50119:2020

Muudetud järgmise dokumendiga: EVS-EN 50119:2009/A1:2013

Standardi staatus: Kehtetu

EVS-EN 50119:2009/A1:2013

Raudteealased rakendused. Püsipaigaldised. Elektertranspordi kontaktliinid Railway applications - Fixed installations - Electric traction overhead contact lines

Keel: en

Alusdokumendid: EN 50119:2009/A1:2013

Asendatud järgmise dokumendiga: EVS-EN 50119:2020

Standardi staatus: Kehtetu

EVS-EN 61293:2001

Elektriseadmete märgistamine elektrivarustusega seotud nimiaandmetega. Ohutusnõuded Marking of electrical equipment with rating related to electrical supply - Safety requirements

Keel: en

Alusdokumendid: IEC 1293:1994; EN 61293:1994

Asendatud järgmise dokumendiga: EVS-EN IEC 61293:2020

Standardi staatus: Kehtetu

EVS-EN 82079-1:2012

Preparation of instructions for use - Structuring, content and presentation - Part 1: General principles and detailed requirements

Keel: en

Alusdokumendid: IEC 82079-1:2012; EN 82079-1:2012

Asendatud järgmise dokumendiga: EVS-EN IEC/IEEE 82079-1:2020

Standardi staatus: Kehtetu

EVS-HD 636 S1:2003

High-voltage fuses - Part 2: Expulsion fuses

Keel: en

Alusdokumendid: IEC 60282-2:1995; HD 636 S1:1996

Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60118-13:2011

Elektroakustika. Kuuldeaparaadid. Osa 13: Elektromagnetiline ühilduvus (EMC) Electroacoustics - Hearing aids Part 13: Electromagnetic compatibility (EMC)

Keel: en

Alusdokumendid: IEC 60118-13:2011; EN 60118-13:2011

Asendatud järgmise dokumendiga: EVS-EN IEC 60118-13:2020

Asendatud järgmise dokumendiga: FprEN 60118-13

Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 16590-2:2014

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 2: Kontseptsiooni etapp (ISO 25119-2:2010 muudetud) Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 2: Concept phase (ISO 25119-2:2010 modified)

Keel: en

Alusdokumendid: ISO 25119-2:2010; EN 16590-2:2014

Standardi staatus: Kehtetu

EVS-EN ISO 25119-1:2018

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad.

Osa 1: Üldised reeglid konstrueerimisele ja arendustöödele

Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 1: General principles for design and development (ISO 25119-1:2018)

Keel: en

Alusdokumendid: ISO 25119-1:2018; EN ISO 25119-1:2018

Standardi staatus: Kehtetu

EVS-EN ISO 25119-3:2018

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad.

Osa 3: Tootesarjade arendus, riist- ja tarkvara

Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software (ISO 25119-3:2018)

Keel: en

Alusdokumendid: ISO 25119-3:2018; EN ISO 25119-3:2018

Standardi staatus: Kehtetu

EVS-EN ISO 25119-4:2018

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad.

Osa 4: Tootmine, käitamine, modifitseerimine ja tugiteenused

Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 4: Production, operation, modification and supporting processes (ISO 25119-4:2018)

Keel: en

Alusdokumendid: ISO 25119-4:2018; EN ISO 25119-4:2018

Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15227:2008+A1:2010

Raudteealased rakendused. Raudteeveeremi kere purunemiskindluse nõuded

KONSOLIDEERITUD TEKST

Railway applications - Crashworthiness requirements for railway vehicle bodies

CONSOLIDATED TEKST

Keel: en

Alusdokumendid: EN 15227:2008+A1:2010

Asendatud järgmise dokumendiga: EVS-EN 15227:2020

Standardi staatus: Kehtetu

EVS-EN 15611:2008+A1:2010

Raudteealased rakendused. Pidurdamine. Releeventiilid KONSOLIDEERITUD TEKST

Railway applications - Braking - Relay valves CONSOLIDATED TEXT

Keel: en

Alusdokumendid: EN 15611:2008+A1:2010

Asendatud järgmise dokumendiga: EVS-EN 15611:2020

Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 11105:2017

Väikelaevad. Bensiinimootori ja/või bensiinipaagi sektsioonide ventilatsioon

Small craft - Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:1997)

Keel: en

Alusdokumendid: ISO 11105:1997; EN ISO 11105:2017

Asendatud järgmise dokumendiga: EVS-EN ISO 11105:2020

Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 14635:2010

Glass packaging - 26 H 126 crown finish - Dimensions

Keel: en

Alusdokumendid: EN 14635:201

Asendatud järgmise dokumendiga: EVS-EN ISO 12822:2020

Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 14088:2012

Leather - Chemical tests - Quantitative analysis of tanning agents by filter method (ISO 14088:2012)

Keel: en

Alusdokumendid: ISO 14088:2012; EN ISO 14088:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 14088:2020

Standardi staatus: Kehtetu

65 PÖLLUMAJANDUS

EVS-EN 16590-2:2014

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 2: Kontseptsiooni etapp (ISO 25119-2:2010 muudetud)

Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 2: Concept phase (ISO 25119-2:2010 modified)

Keel: en

Alusdokumendid: ISO 25119-2:2010; EN 16590-2:2014

Standardi staatus: Kehtetu

EVS-EN ISO 25119-1:2018

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 1: Üldised reeglid konstrueerimisele ja arendustöödele

Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 1: General principles for design and development (ISO 25119-1:2018)

Keel: en

Alusdokumendid: ISO 25119-1:2018; EN ISO 25119-1:2018

Standardi staatus: Kehtetu

EVS-EN ISO 25119-3:2018

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 3: Tootesarjade arendus, riist- ja tarkvara

Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software (ISO 25119-3:2018)

Keel: en

Alusdokumendid: ISO 25119-3:2018; EN ISO 25119-3:2018

Standardi staatus: Kehtetu

EVS-EN ISO 25119-4:2018

Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 4: Tootmine, käitamine, modifitseerimine ja tugiteenused

Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 4: Production, operation, modification and supporting processes (ISO 25119-4:2018)

Keel: en

Alusdokumendid: ISO 25119-4:2018; EN ISO 25119-4:2018

Standardi staatus: Kehtetu

EVS-ISO 5681:2001

Taimekaitseseadmed. Sõnavara

Equipment for crop protection. Vocabulary

Keel: en, et

Alusdokumendid: ISO 5681:1992

Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 1390:2006

Wood preservatives - Determination of the eradicator action against *Hylotrupes bajulus* (Linnaeus) larvae - Laboratory method

Keel: en

Alusdokumendid: EN 1390:2006

Asendatud järgmise dokumendiga: EVS-EN 1390:2020

Standardi staatus: Kehtetu

77 METALLURGIA

CEN/TS 13388:2015

Copper and copper alloys - Compendium of compositions and products

Keel: en

Alusdokumendid: CEN/TS 13388:2015

Asendatud järgmise dokumendiga: CEN/TS 13388:2020

Standardi staatus: Kehtetu

EVS-EN 10139:2016

Cold rolled uncoated low carbon steel narrow strip for cold forming - Technical delivery conditions

Keel: en

Alusdokumendid: EN 10139:2016

Asendatud järgmise dokumendiga: EVS-EN 10139:2016+A1:2020

Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 14915:2013+A1:2017

Täispuidust seina- ja laevoorderdis. Omadused, nõuded ja märgistus Solid wood panelling and cladding - Characteristics, requirements and marking

Keel: en, et

Alusdokumendid: EN 14915:2013+A1:2017

Asendatud järgmise dokumendiga: EVS-EN 14915:2013+A2:2020

Standardi staatus: Kehtetu

EVS-EN 940:2009+A1:2012

Puidutöötlusmasinate ohutus. Kombineeritud puidutöötlusmasinad KONSOLIDEERITUD TEKST

Safety of woodworking machines - Combined woodworking machines CONSOLIDATED TEXT

Keel: en

Alusdokumendid: EN 940:2009+A1:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 19085-11:2020

Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-ENV 12923-2:2010

Advanced Technical Ceramics - Monolithic ceramics - Part 2: Oxidation test

Keel: en

Alusdokumendid: ENV 12923-2:2001

Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 14293:2006

Adhesives - Adhesives for bonding parquet to subfloor - Test methods and minimum requirements

Keel: en

Alusdokumendid: EN 14293:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 17178:2020
Standardi staatus: Kehtetu

EVS-EN ISO 10366-2:2004

Plastid. Metüülmetakrülaat-akrülonitril-butadieenstüreenkopolümeerist (MABS) vormimis- ja ekstrusioonimaterjalid. Osa 2: Proovikehade ettevalmistamine ja omaduste määramine
Plastics - Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties

Keel: en
Alusdokumendid: ISO 10366-2:2003; EN ISO 10366-2:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 19066-2:2020
Standardi staatus: Kehtetu

EVS-EN ISO 4894-2:2000

Plastid. Stüreen-akrülonitril-kopolümeerist (SAN) vormimis- ja ekstrusioonimaterjalid. Osa 2: Proovikehade ettevalmistamine ja omaduste määramine
Plastics - Styrene/acrylonitrile (SAN) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 4894-2:1995)

Keel: en
Alusdokumendid: ISO 4894-2:1995; EN ISO 4894-2:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 19064-2:2020
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 3262-1:2000

Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 1: Tutvustus ja üldkatsemeetodid
Extenders for paints - Specifications and methods of test - Part 1: Introduction and general test methods

Keel: en
Alusdokumendid: ISO 3262-1:1997; EN ISO 3262-1:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-1:2020
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS 814:2003

Normaalbetooni külmakindlus. Määratlused, spetsifikatsioonid ja katsemeetodid
Frost resistance of normal-weight concrete. Definitions, specifications and test method

Keel: et
Asendatud järgmise dokumendiga: EVS 814:2020
Standardi staatus: Kehtetu

EVS-EN ISO 8970:2010

Puitarindid. Mehaaniliste kinnitusdetailidega liidete katsetamine. Puidu tihedusnõuded
Timber structures - Testing of joints made with mechanical fasteners - Requirements for wood density

Keel: en
Alusdokumendid: ISO 8970:2010; EN ISO 8970:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 8970:2020
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 12697-6:2012

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 6: Asfaltproovikehade mahumassi määramine
Bituminous mixtures - Test methods for hot mix asphalt - Part 6: Determination of bulk density of bituminous specimens

Keel: en, et
Alusdokumendid: EN 12697-6:2012
Asendatud järgmise dokumendiga: EVS-EN 12697-6:2020
Standardi staatus: Kehtetu

EVS-EN 1176-7:2008

Mänguväljaku seadmed. Osa 7: Juhised paigaldamise, kontrollimise, hooldamise ja kasutamise kohta

Playground equipment and surfacing - Part 7: Guidance on installation, inspection, maintenance and operation

Keel: en, et

Alusdokumendid: EN 1176-7:2008

Asendatud järgmise dokumendiga: EVS-EN 1176-7:2020

Standardi staatus: Kehtetu

EVS-EN 50090-5-2:2004

Home and Building Electronic Systems (HBES) - Part 5-2: Media and media dependent layers - Network based on HBES Class 1, Twisted Pair

Keel: en

Alusdokumendid: EN 50090-5-2:2003

Asendatud järgmise dokumendiga: EVS-EN 50090-5-2:2020

Standardi staatus: Kehtetu

EVS-EN ISO 5912:2011

Camping tents (ISO 5912:2011)

Keel: en

Alusdokumendid: ISO 5912:2011; EN ISO 5912:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 5912:2020

Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

Iga arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:

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

Kavanditega saab tutvuda ja kommentaare esitada Standardikeskuse veebilehel asuvas kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 11807-1

Integrated optics - Vocabulary - Part 1: Optical waveguide basic terms and symbols (ISO/DIS 11807-1:2020)

This document defines basic terms for integrated optical devices, their related optical chips and optical elements which find applications, for example, in the fields of optical communications and sensors. — The coordinate system used in Clause 3 is described in Annex A. — The symbols and units defined in detail in Clause 3 are listed in Table B.1.

Keel: en

Alusdokumendid: ISO/DIS 11807-1; prEN ISO 11807-1

Asendab dokumenti: EVS-EN ISO 11807-1:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO 11807-2

Integrated optics - Vocabulary - Part 2: Terms used in classification (ISO/DIS 11807-2:2020)

This document defines terms used in the classification of integrated optical elements, integrated optical components and integrated optical devices, which find applications, for example, in the fields of optical communications and sensors.

Keel: en

Alusdokumendid: ISO/DIS 11807-2; prEN ISO 11807-2

Asendab dokumenti: EVS-EN ISO 11807-2:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

11 TERVISEHOOLDUS

prEN ISO 14708-4

Implants for surgery - Active implantable medical devices - Part 4: Implantable infusion pumps (ISO/DIS 14708-4:2020)

ISO 14708-4:2008 is applicable to active implantable medical devices intended to deliver medicinal substances to site-specific locations within the human body. ISO 14708-4:2008 is also applicable to some non-implantable parts and accessories of the devices. The tests that are specified in ISO 14708-4:2008 are type tests intended to be carried out on a sample of a device to show compliance, and are not intended to be used for the routine testing of manufactured products.

Keel: en

Alusdokumendid: prEN ISO 14708-4; ISO/DIS 14708-4:2020

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO 21563

Dentistry - Hydrocolloid impression materials (ISO/DIS 21563:2020)

This document specifies the requirements and tests for helping determine whether the elastic aqueous agar and alginate hydrocolloid dental impression materials, as prepared for retail marketing, are of the quality needed for their intended purposes. It also specifies requirements for labelling and instructions for use. NOTE This document specifies no requirements or tests for

freedom from unacceptable biological hazards. However, it is recommended that, to address possible biological hazards associated with the use of hydrocolloid impression materials, interested parties should refer to ISO 7405 and ISO 10993.

Keel: en

Alusdokumendid: ISO/DIS 21563; prEN ISO 21563

Asendab dokumenti: EVS-EN ISO 21563:2013

Arvamusküsitluse lõppkuupäev: 13.06.2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 14972-14

Fixed firefighting systems - Water mist systems - Part 14: Test protocol for combustion turbines in enclosures exceeding 260 m³ for open nozzle systems

This document specifies fire testing requirements for water mist systems used for fire protection of combustion turbines in enclosures with volumes exceeding 260 m³.

Keel: en

Alusdokumendid: prEN 14972-14

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 14972-15

Fixed firefighting systems - Water mist systems - Part 15: Test protocol for combustion turbines in enclosures not exceeding 260 m³ for open nozzle systems

This document specifies fire testing requirements for water mist systems used for fire protection of combustion turbines in enclosures with volumes not exceeding 260 m³.

Keel: en

Alusdokumendid: prEN 14972-15

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 15650

Ventilation for buildings - Fire dampers

This document specifies requirements and gives reference to the test methods defined for fire dampers, which are intended to be installed in general Heating and Ventilating (HVAC) installations in buildings. All fire dampers close automatically in response to raised temperatures indicating fire. This document gives details for the provision of evaluation of conformity and marking of fire dampers. Fire dampers meeting the requirements of this document may be considered suitable for both ducted and non-ducted applications. This document applies to fire dampers with a declared specific fire resistance (Mandate M/117) that are to be used in conjunction with partitions to maintain fire compartments. This document is not applicable to fire dampers that may be used in applications where the presence of process chemicals may affect fire damper performances. This document is not applicable to non-mechanical fire barriers nor to air transfer grilles. To avoid duplication, reference is made to a variety of other standards. To this end, it is advised to read this document in conjunction with EN 1366-2 for details of the fire resistance testing and EN 13501-3 for classification.

Keel: en

Alusdokumendid: prEN 15650

Asendab dokumenti: EVS-EN 15650:2010

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 17428

Packaging - Determination of the degree of disintegration under simulated home composting conditions

This document specifies a method of determining the degree of disintegration of packaging materials when exposed to a laboratory-scale home composting environment. The method is not applicable to the determination of the biodegradability of packaging materials under home composting conditions. Other methods are available for this (e.g. see ISO 14851, ISO 14852 or ISO 14855-1 and ISO 14855-2). Further testing is necessary to be able to claim home compostability.

Keel: en

Alusdokumendid: prEN 17428

Arvamusküsitluse lõppkuupäev: 13.06.2020

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

prEN 16165

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

This document specifies test methods for the determination of the slip resistance of surfaces in the most commonly encountered situations in which pedestrians walk. NOTE It is also possible to use this document for measurements where persons might walk on trafficked areas.

Keel: en

Alusdokumendid: prEN 16165
Asendab dokumenti: CEN/TS 16165:2016
Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 17495

Railway Applications - Acoustics - Determination of the dynamic stiffness of elastic track components related to noise and vibration - Rail pads and track fastener assemblies

This European Standard specifies laboratory test procedures to determine the dynamic stiffness of resilient components of track for the purpose of evaluating the environmental noise and vibration performance of the track. This standard is applicable to complete track fastening assemblies and to pad components of fastening systems. It is applicable to specimens of a single rail seat fastener. It is applicable to the measurement of a tangent, dynamic stiffness under a prescribed pre-load and the associated hysteretic damping loss factor. It provides measurement methods and pre-load, excitation and frequency range conditions for application to ground borne and structure borne noise as well as for rolling noise. It provides measurement methods and pre-load, excitation and frequency range conditions for application to ground borne and structure borne noise as well as for rolling noise. It is not applicable to the measurement of the stiffness of pads and fastening assemblies under static or low frequency dynamic loading which is specified in EN 13146-9.

Keel: en
Alusdokumendid: prEN 17495
Arvamusküsitluse lõppkuupäev: 13.06.2020

25 TOOTMISTEHNOLLOOGIA

prEN 12732

Gas infrastructure - Welding steel pipework - Functional requirements

This European Standard contains requirements for the production and testing of weld joints for the installation and modification of onshore steel pipelines and pipework used in gas infrastructure, including in-service pipelines, for all pressure ranges for the carriage of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686 and for the carriage of non-conventional gases such as injected biomethane including hydrogen, where - the pipeline elements are made of unalloyed or low-alloyed carbon steel; - the pipeline is not located within commercial or industrial premises as integral part of the industrial process on those premises except for any pipelines and facilities delivering gas to such premises; - the pipework is not located within household installations according to EN 1775; - the design temperature of the system is between -40 °C up to and including 120 °C. The onshore steel pipelines and pipework used in gas infrastructure include in-service pipelines, for all pressure ranges for the carriage of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686 and for the carriage of non-conventional gases complying with EN ISO 13686, and for which a detailed technical evaluation of the functional requirements (such as injected biomethane, hydrogen) is performed ensuring there are no other constituents or properties of the gases that can affect the integrity of the pipeline. This standard is not applicable to welds produced prior to the publication of this European Standard. Table 1 assigns the application areas to quality requirement categories as a function of the working pressure and pipe materials used. Additional requirements may be specified when, for example: - the strain on pipelines and systems, - the materials, - the line routing, - the design or the welding technique are considered critical.

Keel: en
Alusdokumendid: prEN 12732
Asendab dokumenti: EVS-EN 12732:2013+A1:2014
Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO 8167

Resistance welding - Embossed projection welding - Projections for resistance welding (ISO/DIS 8167:2020)

This International Standard specifies the geometries and dimensions of projections for embossed projection welding. Tools to make the projections are also included as an informative Annex (see Annex B). The projections are used on hot-rolled, cold-rolled, uncoated and coated steels, stainless steels and nickel alloys for conventional welding quality up to 3 mm thickness, as single projections, in multiples or as a group of multiples. NOTE Any solid projections are not included in this standard.

Keel: en
Alusdokumendid: ISO/DIS 8167; prEN ISO 8167
Asendab dokumenti: EVS-EN 28167:1999
Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO/ASTM 52924

Additive manufacturing - Qualification principles - Classification of part properties for additive manufacturing of polymer parts (ISO/ASTM/DIS 52924:2020)

This standard is aimed at providers of manufacturing services for polymer parts who use additive manufacturing machines and at the customers for these services. Designers of parts as well as buyers and providers of manufacturing services can specify, in a traceable manner, the required or the achievable level of quality with the aid of this standard. This standard applies to parts that have been manufactured from a thermoplastic polymer by means of laser sintering (LS) or material extrusion (MEX). Its applicability to other processes for polymers shall be checked in the specific case. The quality grades apply to parts that have not been post-processed after unpacking from the build space and the removal of possible support structures.

Keel: en

Alusdokumendid: ISO/ASTM DIS 52924; prEN ISO/ASTM 52924

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO/ASTM 52925

Additive manufacturing processes - Laser sintering of polymer parts/laser-based powder bed fusion of polymer parts - Qualification of materials (ISO/ASTM/DIS 52925:2020)

The parameters and recommendations presented in this standard relate mainly to the material polyamide 12 (PA12). Explicit references are also made to polyamide 11 (PA11). The extent to which these parameters and recommendations can be transferred to other materials must be verified on a case-by-case basis.

Keel: en

Alusdokumendid: ISO/ASTM DIS 52925; prEN ISO/ASTM 52925

Arvamusküsitluse lõppkuupäev: 13.06.2020

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 1397

Heat exchangers - Hydronic room fan coil units - Test procedures for establishing the performance

This European Standard applies to hydronic fan coil units (FCU) as factory-made single assemblies which provide the functions of cooling and/or heating but do not include the source of cooling or heating. The standard covers both air free delivery and air ducted units with a maximum external static pressure due to duct resistance of 120 Pa max. The standard applies to all types of fan speed control of a fan coil unit (variable speed, multispeed). This standard deals with the cooling and heating functions of the FCU considered as an emitter for cooling/heating of a room/space. It does not cover any ventilation function of the unit. If the FCU can also provide fresh air, this function is not considered and the fresh air inlet closed during testing. This European Standard provides a method for the determination of the thermal performance of fan coil units in standard conditions, for the use with hot or chilled water or water mixtures. The test procedures given in this standard may additionally be used for determining performance at other conditions. It also provides the method for the determination of the air flow rate supplied by the fan coil unit. The standard does not cover the rating of heating or cooling from direct expansion coils or heating from electric resistance elements. The standard does not cover acoustic performance of fan coil units which is dealt with in EN 16583. It is not the purpose of this standard to specify the tests used for production or field testing. NOTE For the purpose of remaining clauses, the term "unit" is used to mean "fan coil unit" as defined in 3.1.

Keel: en

Alusdokumendid: prEN 1397

Asendab dokumenti: EVS-EN 1397:2015

Asendab dokumenti: EVS-EN 1397:2015/AC:2016

Arvamusküsitluse lõppkuupäev: 13.06.2020

29 ELEKTROTEHNIKA

prEN IEC 62271-103:2020

High-voltage switchgear and controlgear - Part 103: Switches for rated voltages above 1 kV up to and including 52 kV

This part of IEC 62271 is applicable to three-phase, alternating current switches and switch-disconnectors for their switching function, having making and breaking current ratings, for indoor and outdoor installations, for rated voltages above 1 kV up to and including 52 kV and for rated frequencies from 162/3 Hz up to and including 60 Hz. This standard is also applicable to single-pole switches used on three phase systems. This standard is also applicable to the operating devices of these switches and to their auxiliary equipment. Switch-disconnectors are also covered by IEC 62271-102 for their disconnecting function. Devices that require a dependent manual operation are not covered by this standard. General principles and provisions of this standard may also be applicable to single pole switches intended for application in single-phase systems. The requirements for dielectric tests and making and breaking tests should be in accordance with the requirements of the specific application. This standard establishes requirements for general, limited and special purpose switches used in distribution systems. It is assumed that opening and closing operations are performed according to the manufacturer's instructions. A making operation may immediately follow a breaking operation but a breaking operation should not immediately follow a making operation since the current to be broken may then exceed the rated breaking current of the switch. NOTE 1 Except where special clarification is required, the term "switch" is used to refer to all kinds of switches and switch-disconnectors within the scope of this standard. NOTE 2 Earthing switches are not covered by this standard. Earthing switches forming an integral part of a switch are covered by IEC 62271-102. NOTE 3 This standard is not applicable to switching devices attached as an accessory to a high-voltage fuse assembly or its mounting and operated by opening and closing the fuse assembly.

Keel: en

Alusdokumendid: IEC 62271-103:201X; prEN IEC 62271-103:2020

Asendab dokumenti: EVS-EN 62271-103:2011

Arvamusküsitluse lõppkuupäev: 13.06.2020

31 ELEKTROONIKA

prEN ISO 11807-1

Integrated optics - Vocabulary - Part 1: Optical waveguide basic terms and symbols (ISO/DIS 11807-1:2020)

This document defines basic terms for integrated optical devices, their related optical chips and optical elements which find applications, for example, in the fields of optical communications and sensors. — The coordinate system used in Clause 3 is described in Annex A. — The symbols and units defined in detail in Clause 3 are listed in Table B.1.

Keel: en

Alusdokumendid: ISO/DIS 11807-1; prEN ISO 11807-1

Asendab dokumenti: EVS-EN ISO 11807-1:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO 11807-2

Integrated optics - Vocabulary - Part 2: Terms used in classification (ISO/DIS 11807-2:2020)

This document defines terms used in the classification of integrated optical elements, integrated optical components and integrated optical devices, which find applications, for example, in the fields of optical communications and sensors.

Keel: en

Alusdokumendid: ISO/DIS 11807-2; prEN ISO 11807-2

Asendab dokumenti: EVS-EN ISO 11807-2:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO 14881

Integrated optics - Interfaces - Parameters relevant to coupling properties (ISO/DIS 14881:2020)

This document defines the relevant properties for coupling light into and out of integrated optical chips (IOC) and chips with photonic integrated circuits (PIC). This document mainly focuses on butt coupling via the waveguide endfaces. The definitions provide the basis for specifying the elements to be coupled (e. g. fibres, integrated optical chips) related to coupling properties.

Keel: en

Alusdokumendid: ISO/DIS 14881; prEN ISO 14881

Asendab dokumenti: EVS-EN ISO 14881:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

33 SIDETEHNIKA

prEN 319 412-2 V2.1.3

Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 2: Certificate profile for certificates issued to natural persons

The present document specifies requirements on the content of certificates issued to natural persons. This profile builds on IETF RFC 5280 [1] for generic profiling of Recommendation ITU-T X.509 | ISO/IEC 9594-8. This profile supports the requirements of EU Qualified Certificates as specified in the Regulation (EU) No 910/2014 as well as other forms of certificate. The scope of the present document is primary limited to facilitate interoperable processing and display of certificate information. This profile therefore excludes support for some certificate information content options, which can be perfectly valid in a local context but which are not regarded as relevant or suitable for use in widely deployed applications. The present document focuses on requirements on certificate content. Requirements on decoding and processing rules are limited to aspects required to process certificate content defined in the present document. Further processing requirements are only specified for cases where it adds information that is necessary for the sake of interoperability. Certain applications or protocols impose specific requirements on certificate content. The present document is based on the assumption that these requirements are adequately defined by the respective application or protocol. It is therefore outside the scope of the present document to specify such application or protocol specific certificate content.

Keel: en

Alusdokumendid: Draft ETSI EN 319 412-2 V2.1.3

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 319 412-3 V1.1.3

Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 3: Certificate profile for certificates issued to legal persons

The present document specifies a certificate profile for certificates issued to legal persons. The profile defined in the present document builds on requirements defined in ETSI EN 319 412-2. The present document supports the requirements of EU qualified certificates as specified in the Regulation (EU) No 910/2014 as well as other forms of certificate.

Keel: en

Alusdokumendid: Draft ETSI EN 319 412-3 V1.1.3

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN IEC 61850-7-420:2020

Communication networks and systems for power utility automation - Part 7-420: Basic communication structure - Distributed energy resources and distribution automation logical nodes

This International Standard defines the IEC 61850 information models to be used in the exchange of information with distributed energy resources (DER) and Distribution Automation (DA) systems. DERs include distribution-connected generation systems, energy storage systems, and controllable loads, as well as facility DER management systems, including aggregated DER, such as plant control systems, facility DER energy management systems (EMS), building EMS, campus EMS, community EMS, microgrid EMS, etc. DA equipment includes equipment used to manage distribution circuits, including automated switches, fault indicators, capacitor banks, voltage regulators, and other power management devices. The IEC 61850 DER information model standard utilizes existing IEC 61850-7-4 logical nodes where possible, while defining DER and DA specific logical nodes to provide the necessary data objects for DER and DA functions, including for the DER interconnection grid codes specified by various countries and regions. Although this document explicitly addresses distribution-connected resources, most of the resource capabilities, operational functions, and architectures are also applicable to transmission-connected resources.

Keel: en

Alusdokumendid: IEC 61850-7-420:201X; prEN IEC 61850-7-420:2020

Asendab dokumenti: EVS-EN 61850-7-420:2009

Arvamusküsitluse lõppkuupäev: 13.06.2020

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 11592-2

Small craft - Determination of maximum propulsion power rating using manoeuvring speed - Part 2: Craft with a length of hull between 8 m and 24 m (ISO 11592-2:2019)

This document specifies the requirements for determining the maximum propulsion power rating using manoeuvring speed for engine-driven craft with a length of the hull (LH, as defined in ISO 8666) between 8 m and 24 m. This document is applicable to craft with a calculated Froude number (F_n) $\geq 1,1$. This document is not applicable to: — inflatable craft, as defined by ISO 6185- 4; — craft designed and constructed solely for competitive racing (racing craft); — craft primarily designed not to be engine driven. This document does not specify craft constructional strength requirements related to maximum propulsion power rating and does not guarantee stability under all conditions of seaway, wind, wakes and waves.

Keel: en

Alusdokumendid: ISO 11592-2:2019; prEN ISO 11592-2

Arvamusküsitluse lõppkuupäev: 13.06.2020

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

prEN 17427

Packaging - Requirements and test scheme for carrier bags suitable for treatment in well-managed home composting installations

This document specifies a testing scheme and requirements for the designation of carrier bags of any materials that are considered to be suitable for the incorporation into well-managed home composting installations run by householders for personal uses. Carrier bags are considered as suitable for home composting only if all the individual components meet the requirements. The following five aspects are addressed: a) characterization; b) biodegradation; c) disintegration during home composting; d) compost quality; e) recognizability. The first four aspects (a) to d)) are assessing the effects on the biological treatment process and the compost made by it. The fifth aspect ensures the recognizability of home compostable carrier bags by the end user. This document forms the basis for the labelling of carrier bags of any material that are considered to be suitable for the incorporation into well-managed home composting installations. NOTE 1 Compliance with the requirements of this document by the carrier bags entering the compost does not necessarily imply that a high-quality compost will be produced. This document covers the home compostability of the carrier bags themselves but does not address regulations that may exist regarding the home compostability of any residual contents. The testing scheme and the requirements specified by this document do not apply to worm composting and/or industrial composting. It does not provide information on the biodegradability of carrier bags ending up in the environment as litter. This document includes a reference to guides to well-managed home composting (Annex E). Compost produced by a private individual is for his own use and not for provision to others, free of charge or in return for payment. This document has no value as a marketing authorization or authorization of use of the final compost. NOTE 2 The testing scheme and evaluation criteria could be the basis for the establishment of suitability to home composting of other products.

Keel: en

Alusdokumendid: prEN 17427

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 17428

Packaging - Determination of the degree of disintegration under simulated home composting conditions

This document specifies a method of determining the degree of disintegration of packaging materials when exposed to a laboratory-scale home composting environment. The method is not applicable to the determination of the biodegradability of packaging materials under home composting conditions. Other methods are available for this (e.g. see ISO 14851, ISO 14852 or ISO 14855-1 and ISO 14855-2). Further testing is necessary to be able to claim home compostability.

Keel: en

Alusdokumendid: prEN 17428

Arvamusküsitluse lõppkuupäev: 13.06.2020

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 1833-18

Textiles - Quantitative chemical analysis - Part 18: Mixtures of silk with wool or other animal hair (method using sulfuric acid) (ISO/DIS 1833-18:2020)

This part of ISO 1833 specifies a method, using sulfuric acid, to determine the mass percentage of silk, after removal of non-fibrous matter, in textiles made of binary mixtures of — silk with other protein fibres (e.g. wool or animal hair).

Keel: en

Alusdokumendid: ISO/DIS 1833-18; prEN ISO 1833-18

Asendab dokumenti: EVS-EN ISO 1833-18:2019

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO 1833-3

Textiles - Quantitative chemical analysis - Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO/DIS 1833-3:2020)

This document specifies a method, using acetone, to determine the percentage of acetate, after removal of non-fibrous matter, in textiles made of binary mixtures of — acetate with wool, animal hair, silk, regenerated protein, cotton (scoured, kiered, or bleached), flax (or linen), hemp, jute, abaca, alfa, coir, broom, ramie, cupro, viscose, modal, polyamide, polyester, acrylic, elastolefin, elastomultiester, melamine, polypropylene/polyamide bicomponent, polyacrylate and glass fibres. It is not applicable to mixtures containing modacrylic fibres, nor to mixtures containing acetate fibres that have been deacetylated on the surface.

Keel: en

Alusdokumendid: ISO/DIS 1833-3; prEN ISO 1833-3

Asendab dokumenti: EVS-EN ISO 1833-3:2019

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN ISO 22818

Textiles - Determination of SCCP and MCCP in textile products out of different matrices by use of GC-NCI-MS (ISO/DIS 22818:2020)

This document specifies a chromatographic method to determine the amount of short-chain and middle-chain chlorinated paraffins (SCCP: C10-C13 and MCCP: C14-C17) in textile articles, especially in polymer of the coated fabrics prints made of polymer and buttons made of polymer (e.g. polyvinylchloride) by means of solvent extraction and GC-NCI-MS.

Keel: en

Alusdokumendid: ISO/DIS 22818; prEN ISO 22818

Arvamusküsitluse lõppkuupäev: 13.06.2020

61 RÕIVATÖÖSTUS

prEN ISO 21061

Footwear - Chemical tests - General principles on the preparation of samples (ISO/DIS 21061:2020)

This European Standard specifies preparation of samples for footwear and footwear components to carry out chemical tests. This International Standard is applicable to all types of footwear and footwear components. These are general conditions unless otherwise stated in the corresponding test method or product requirements.

Keel: en

Alusdokumendid: prEN ISO 21061; ISO/DIS 21061:2020

Arvamusküsitluse lõppkuupäev: 13.06.2020

71 KEEMILINE TEHNOLOOGIA

prEN 14664

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

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

Keel: en

Alusdokumendid: prEN 14664

Asendab dokumenti: EVS-EN 14664:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 888

Chemicals used for treatment of water intended for human consumption - Iron (III) chloride

This document is applicable to iron (III) chloride (a), iron (III) chloride hexahydrate (b), iron (III) chloride solution (c) used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding analytical methods for iron (III) chlorides (a), (b) and (c) and gives information for their use in water treatment.

Keel: en

Alusdokumendid: prEN 888

Asendab dokumenti: EVS-EN 888:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 889

Chemicals used for treatment of water intended for human consumption - Iron (II) sulfate

This document is applicable to iron (II) sulfate heptahydrate used for treatment of water intended for human consumption. It describes the characteristics of iron (II) sulfate heptahydrate and specifies the requirements and the corresponding analytical methods for iron (II) sulfate heptahydrate (analytical methods are given in Annex B) and gives information on its use in water treatment.

Keel: en

Alusdokumendid: prEN 889

Asendab dokumenti: EVS-EN 889:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 890

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

This document is applicable to iron (III) sulfate solution of various iron and/or acid contents (see 3.2) used for treatment of water intended for human consumption. It describes the characteristics of iron (III) sulfate solution and specifies the requirements and the corresponding analytical methods for iron (III) sulfate solution (analytical methods are given in Annex B) and gives information on its use in water treatment. It also determines the rules relating to safe handling and use of iron (III) sulfate solution (see Annex E).

Keel: en

Alusdokumendid: prEN 890

Asendab dokumenti: EVS-EN 890:2012

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 891

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

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

Keel: en

Alusdokumendid: prEN 891

Asendab dokumenti: EVS-EN 891:2005

Arvamusküsitluse lõppkuupäev: 13.06.2020

77 METALLURGIA

prEN 13600

Copper and copper alloys - Seamless copper tubes for electrical purposes

This document specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for seamless drawn copper tubes for electrical purposes, delivered in straight lengths or alternatively in level wound coils with the cross-sections and size ranges below: - for round tubes in straight lengths with outside diameters from 3 mm up to and including 450 mm and wall thicknesses from 0,3 mm up to and including 10 mm; - for round tubes in level wound coils with outside diameters from 3 mm up to and including 30 mm and wall thicknesses from 0,3 mm up to and including 10 mm; - for square and rectangular tubes with major outside dimension from 5 mm up to and including 150 mm and wall thicknesses from 0,5 mm up to and including 10 mm. The sampling procedures and test methods for verification of conformity to the requirements of this document are also specified.

Keel: en

Alusdokumendid: prEN 13600

Asendab dokumenti: EVS-EN 13600:2013

Arvamusküsitluse lõppkuupäev: 13.06.2020

81 KLAASI- JA KERAAMIKATÖÖSTUS

EN 15681-1:2016/prA1

Glass in building - Basic alumino silicate glass products - Part 1: Definitions and general physical and mechanical properties

This Part of this European Standard specifies and classifies basic alumino silicate glass products, indicates their chemical composition, their main physical and mechanical characteristics, their dimensional and their minimum quality requirements (in respect of optical and visual faults). This European Standard applies to basic alumino silicate glasses supplied in stock sizes, supplied sizes or in cut sizes for final end use. This European Standard does not apply to final cut sizes having a dimension less than 100 mm or a surface area less than 0,05 m².

Keel: en

Alusdokumendid: EN 15681-1:2016/prA1

Muudab dokumenti: EVS-EN 15681-1:2016

Arvamusküsitluse lõppkuupäev: 13.06.2020

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 1628-1

Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 1: General principles (ISO/DIS 1628-1:2020)

This document defines the general conditions for the determination of the reduced viscosity, intrinsic viscosity and K-value of organic polymers in dilute solution. It defines the standard parameters that are applied to viscosity measurement, and can be used to develop standards for measuring the viscosities in solution of individual types of polymer. It can also be used to measure and report the viscosities of polymers in solution for which no separate standards exist.

Keel: en

Alusdokumendid: ISO/DIS 1628-1; prEN ISO 1628-1

Asendab dokumenti: EVS-EN ISO 1628-1:2009

Asendab dokumenti: EVS-EN ISO 1628-1:2009/A1:2012

Arvamusküsitluse lõppkuupäev: 13.06.2020

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN 15457

Paints and varnishes - Laboratory method for testing the efficacy of film preservatives in a coating against fungi

This document specifies a laboratory test method for determining the biocidal/biostatic efficacy of single active substances or combinations thereof used in film preservatives in a coating against fungal growth. This document does not apply to coatings not susceptible to fungal growth. The test method comprises only active substances for film preservation, not the protection of the substrate itself, e.g. wood, which is dealt with in another standard. The test method is applicable for active substances used for wood and masonry coatings. It is not applicable to marine coatings. Safety, health and environmental aspects are not in the scope of this document. Determination of the performance of film preservatives in coatings by applying ageing procedures is not within the scope of this document.

Keel: en

Alusdokumendid: prEN 15457

Asendab dokumenti: EVS-EN 15457:2014

Asendab dokumenti: EVS-EN 15458:2014

Arvamusküsitluse lõppkuupäev: 13.06.2020

91 EHITUSMATERJALID JA EHITUS

EN 13497:2018/prA1

Thermal insulation products for building applications - Determination of the resistance to impact of external thermal insulation composite systems (ETICS)

This European Standard specifies the equipment and procedure for determining the resistance to impact of design ETICS kits with renders.

Keel: en

Alusdokumendid: EN 13497:2018/prA1

Muudab dokumenti: EVS-EN 13497:2018

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 1488

Building valves - Expansion groups - Tests and requirements

The document specifies, dimensions, materials and performance requirements (including methods of test) for expansion groups, of nominal sizes from DN 15 to DN 25, having working pressures) from 0,1 MPa (1 bar) to 1,0 MPa (10 bar). Expansion groups shall be fitted to the cold potable water supply only for expansion purposes, e.g. of storage water heaters, having a maximum distribution temperature of 95 °C. Expansion groups limit pressure in the water heater to which they are fitted, that is produced by thermal expansion of the water, prevent the backflow of water into the supply pipe and prevent the discharged water to get into contact with the water in the water heater. Expansion groups do not control temperature and alone do not constitute the protection required for storage water heaters. NOTE The use of the device specified in this Standard does not override the need to use controls (e.g. thermostats and thermal cut-outs) which act directly on the power sources of water heaters.

Keel: en

Alusdokumendid: prEN 1488

Asendab dokumenti: EVS-EN 1488:2000

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 15650

Ventilation for buildings - Fire dampers

This document specifies requirements and gives reference to the test methods defined for fire dampers, which are intended to be installed in general Heating and Ventilating (HVAC) installations in buildings. All fire dampers close automatically in response to raised temperatures indicating fire. This document gives details for the provision of evaluation of conformity and marking of fire dampers. Fire dampers meeting the requirements of this document may be considered suitable for both ducted and non-ducted applications. This document applies to fire dampers with a declared specific fire resistance (Mandate M/117) that are to be used in conjunction with partitions to maintain fire compartments. This document is not applicable to fire dampers that may be used in applications where the presence of process chemicals may affect fire damper performances. This document is not applicable to non-mechanical fire barriers nor to air transfer grilles. To avoid duplication, reference is made to a variety of other standards. To this end, it is advised to read this document in conjunction with EN 1366-2 for details of the fire resistance testing and EN 13501-3 for classification.

Keel: en

Alusdokumendid: prEN 15650

Asendab dokumenti: EVS-EN 15650:2010

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 16165

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

This document specifies test methods for the determination of the slip resistance of surfaces in the most commonly encountered situations in which pedestrians walk. NOTE It is also possible to use this document for measurements where persons might walk on trafficked areas.

Keel: en

Alusdokumendid: prEN 16165

Asendab dokumenti: CEN/TS 16165:2016

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 508-1

Roofing and cladding products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet - Part 1: Steel

This part of EN 508 specifies requirements for self-supporting roofing, covering, wall cladding, lining, liner tray and tile products for discontinuous laying made from metallic coated steel sheet with or without additional organic coatings. Sheets intended to be used with insulation and membranes are also covered. This document establishes general characteristics, definitions, classifications and labelling for the products, together with requirements for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products comply when purchased before they are despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions. This document applies to all discontinuously laid self-supporting external profiled sheets for roofing covering, wall cladding, lining, and liner trays, with the exception of tiles with a surface area less than 1 m² and produced by stamping. These profiled sheets are designed to keep wind, rain and snow out of the building and to transfer any resultant loads and infrequent maintenance loads to the structure. This document does not cover products for structural purposes, i.e. it does cover products used in constructions of structural Class III (according to EN 1993-1-3), it does not cover products used in constructions of structural Classes I and II (according to EN 1993-1-3) intended to contribute to the global or partial stability of the building structure by providing racking resistance or resistance to permanent static loads (excluding self-weight of the metal sheet). No requirements for supporting construction, design of roof, cladding, lining, tile system and execution of connections and flashings are included.

Keel: en

Alusdokumendid: prEN 508-1

Asendab dokumenti: EVS-EN 508-1:2014

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 534

Corrugated bitumen sheets - Product specification and test methods

This European Standard specifies the technical properties and establishes the test and inspection methods for finished corrugated bitumen sheets on leaving the factory. It also provides for the evaluation of conformity of products with the requirements of this standard.

Keel: en

Alusdokumendid: prEN 534

Asendab dokumenti: EVS-EN 534:2006+A1:2010

Arvamusküsitluse lõppkuupäev: 13.06.2020

93 RAJATISED

prEN 16165

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

This document specifies test methods for the determination of the slip resistance of surfaces in the most commonly encountered situations in which pedestrians walk. NOTE It is also possible to use this document for measurements where persons might walk on trafficked areas.

Keel: en

Alusdokumendid: prEN 16165

Asendab dokumenti: CEN/TS 16165:2016

Arvamusküsitluse lõppkuupäev: 13.06.2020

prEN 17495

Railway Applications - Acoustics - Determination of the dynamic stiffness of elastic track components related to noise and vibration - Rail pads and track fastener assemblies

This European Standard specifies laboratory test procedures to determine the dynamic stiffness of resilient components of track for the purpose of evaluating the environmental noise and vibration performance of the track. This standard is applicable to complete track fastening assemblies and to pad components of fastening systems. It is applicable to specimens of a single rail seat fastener. It is applicable to the measurement of a tangent, dynamic stiffness under a prescribed pre-load and the associated hysteretic damping loss factor. It provides measurement methods and pre-load, excitation and frequency range conditions for application to ground borne and structure borne noise as well as for rolling noise. It provides measurement methods and pre-load, excitation and frequency range conditions for application to ground borne and structure borne noise as well as for rolling noise. It is not applicable to the measurement of the stiffness of pads and fastening assemblies under static or low frequency dynamic loading which is specified in EN 13146-9.

Keel: en

Alusdokumendid: prEN 17495

Arvamusküsitluse lõppkuupäev: 13.06.2020

97 OLME. MEELELAHUTUS. SPORT

prEN 203-2-2

Gas heated catering equipment - Part 2-2: Specific requirements - Ovens

Shall be according to EN 203-1:2019, with the following addition: This European Standard applies to commercial gas heated natural convection ovens, forced air ovens, multi-function ovens and steaming ovens, atmospheric or pressurised. Commercial bakery ovens, with a sole plate or a trolley and pizza ovens are also covered by this standard. This European Standard does not cover appliances which are specifically designed for use in industrial process on industrial premises.

Keel: en

Alusdokumendid: prEN 203-2-2

Asendab dokumenti: EVS-EN 203-2-2:2006

Arvamusküsitluse lõppkuupäev: 13.06.2020

TÖLKED 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 Standardikeskuse veebilehel asuvas kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

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

EN 50128:2011/prAA:2019

Raudteealased rakendused. Side-, signalisatsiooni- ja andmetöötlussüsteemid. Raudtee juhtimis- ja turvagusüsteemide tarkvara

Standardi EN 50128:2011 muudatus

Keel: et

Alusdokumendid: EN 50128:2011/prAA:2019

Kommenteerimise lõppkuupäev: 14.05.2020

EVS-EN 1496:2017

Kukkumisvastased isikukaitsevahendid. Tõstevahendid päästetöödeks

Selles Euroopa standardis täpsustatakse päästetöödeks kasutatavate tõstevahenditega seotud nõuded, katsemeetodid, märgistus ja tootja kasutusjuhend. Euroopa standardile vastavaid päästetöödeks kasutatavaid tõstevahendeid kasutatakse päästesüsteemide osadena. Sellele Euroopa standardile vastavaid päästetöödeks kasutatavaid tõstevahendeid võib kombineerida muude osadega, nt päästetöödeks kasutatavate laskumisvahendite (EN 341) või sissetõmbavate kukkumist pidurdavate vahenditega (EN 360).

Keel: et

Alusdokumendid: EN 1496:2017

Kommenteerimise lõppkuupäev: 14.05.2020

EVS-EN 71-7:2014+prA3

Mänguasjade ohutus. Osa 7: Sõrmevärvid. Nõuded ja katsemeetodid

Standardi EN 71 selles osas määratakse nõuded ainetele ja materjalidele, mida kasutatakse sõrmevärvides ja rakendatakse ainult sõrmevärvide kohta. Lisanõuded on esitatud märgistusele, etikettimisele ja taarale.

Keel: et

Alusdokumendid: EN 71-7:2014+A3:2020

Kommenteerimise lõppkuupäev: 14.05.2020

FprCEN/TR 17439

Juhend standardite EN ISO 19650-1 ja EN ISO 19650-2 rakendamiseks Euroopas

Selle juhendi käsitusala on sihilikult piiratud üksnes viitega standarditele EN ISO 19650-1 ja EN ISO 19650-2, tuues esile ja kirjeldades selle kasutamise viisi ning mitte laiendades ega vaidlustades standardi käsitusala ja sisu. Dokumendi eesmärk on lihtsalt pakkuda minimaalset toetavat teksti, et saavutada põhimõtteline arusaamine ja suutlikkus rakendada standardeid EN ISO 19650-1 ja EN ISO 19650-2. Erinevad kliendid ja meeskonnad mistahes riigis saavad seda juhendit kasutada, et tagada mis tahes projektis parim pakkumus infohaldusele. Selles dokumendis selgitatakse termineid ja määratlusi, mõisteid ja põhimõtteid ning nende kasutamist, samuti esitatakse tüüpilisi näiteid koos selgete selgitustega. Tuleb märkida, et selles juhendis käsitletakse infohaldust projektijuhtimise osana. Selle juhendi eesmärk on näidata, kuidas standard toimib Euroopa tasandil, mis on neutraalne, laiapõhjaline ja kohaldatav mis tahes järgmiste asjaolude korral: — lepingute laad: nt avalik-õiguslikud, eraõiguslikud, allians-lepingud, ülemaailmne, partnerlus, — osalejate ülesanded: nt programmeerimine, projekteerimine, ehitusetappide kaudu, alates väikestest agentuuridest, VKE-dest kuni suurettevõtteni, — ehitustööde liigid: nt lihtsad, keerukad, uued, renoveeritud, eluasemed, infrastruktuur.

Keel: et

Alusdokumendid: FprCEN/TR 17439

Kommenteerimise lõppkuupäev: 14.05.2020

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 809-1:2002

Kuritegevuse ennetamine. Linnaplaneerimine ja arhitektuur. Osa 1: Linnaplaneerimine Prevention of Crime - Urban planning and building design. Part 1: Urban planning

Standard toob ära erinevaid kuriteo riski ja/või kuriteohirmu hindamise meetodeid ning nende riskide vähendamise vahendeid, menetlusi ja tegevuskavu. Projekteerimisjuhendid erinevate kuriteoprobleemide ennetamiseks või nende vastu võitlemiseks on esitatud elukeskkonna tüüpide kaudu. Esitatud on ka järjepidevad tegevuskavad kõikide linnaplaneerimise ja kuritegevuse ennetamisega seotud osapoolte ning teiste, peamiselt piirkondliku ja kohaliku võimu esindajad ja elanikud, kaasamiseks ametkondadevahelisse kuritegevuse ennetamise ja kuritegevuse hirmu vähendamise tegevusse.

Kehtima jätmise alus: EVS/TK 71 otsus 25.02.2020 2.8/17 ja teade pikendamisküsitlusest 02.03.2020 EVS Teatajas

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 848-3:2012

Puidutöötlemismasinade ohutus. Ühepoolsed pöörlevate lõikeriistadega freesmasinad. Osa 3: Arvjuhtimisega puur- ja profiilfreesimismasinad Safety of woodworking machines - One side moulding machines with rotating tool - Part 3: Numerically controlled (NC) boring and routing machines

This European Standard specifies all significant hazards, hazardous situations and events as listed in Clause 4, which are relevant to NC boring machines, NC routing machines and NC combined boring/routing machines (as defined in 3.1) herein after referred to as "machines" designed to cut solid wood, chip board, fibreboard, plywood and also these materials where these are covered with plastic/light alloy laminate or edgings when they are used as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Machines which are designed to work wood based materials may also be used for working hardened plastic materials with similar physical characteristics as wood. This document also applies to machines fitted with: - additional equipment for sawing, sanding, edge banding or assembly units and dowel devices; - fixed or movable workpiece support; - mechanical, pneumatic, hydraulic or vacuum workpiece clamping; - automatic tool change facilities. This document does not deal with the specific hazards of edge banding equipment fitted to NC boring machines, NC routing machines and NC combined boring/routing machines. This document is only applicable to NC boring machines, NC routing machines and NC combined boring/routing machines which are designed to use milling tools with a cutting circle diameter below 16 mm or milling tools or saw-blades conforming to EN 847-1:2005+A1:2007 and EN 847-2:2001 and boring tools or sanding wheels. This document is not applicable to NC boring machines, NC routing machines and NC combined boring/routing machines which are designed to use grinding wheels. This document is not applicable to single spindle hand fed/integrated fed routing machines. NOTE Single spindle hand fed/integrated fed routing machines are dealt with in EN 848-2:2007+A1:2009. This document does not deal with the specific hazards of ejection through openings on machines where the distance between the work-piece support and the lower edge of the partial enclosure exceeds 400 mm. This document is not applicable to NC boring machines, NC routing machines and NC combined boring/routing machines which are manufactured before the date of its publication as EN.

Keel: en

Alusdokumendid: EN 848-3:2012

Tühistamisküsitluse lõppkuupäev: 14.05.2020

UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS 814:2020

Normaalbetooni külmakindlus. Määratlused, spetsifikatsioonid ja katsemeetodid Frost resistance of normal-weight concrete - Definitions, specifications and test methods

Selles Eesti standardis püstitatakse nõuded normaalbetooni külmakindlusele olenevalt betoontarindi eksploatatsioonitingimustest ja antakse katsemeetod selle otseseks määramiseks. Betoontarindite projekteerimisel tuleb sageli arvestada peale külmakindluse nõude ka teiste keskkonnaklasside mõjuritega (EVS-EN 206:2014+A1:2016 jaotis 4.1), mis võivad tingida erimeetmete rakendamise nii betooni koostisosade valikul, tehnoloogilises protsessis kui ka betoontarindite konstruktsioonis (näiteks armatuuri kaitsekihi määramisel). Selles standardis on kirjeldatud betooni külmakindluse hindamist külmutamis-sulatamismeetodiga otsesel katsetamisel ettenähtud katsetus(külmutus)keskkonnas, mis võib olla kas destilleeritud vesi või naatriumkloriidi vesilahus. Arvestades standardis EVS-EN 206 määratletud konkreetset keskkonnaklassi, mille alusel toimub betoontarindi külmakindluse klassi ja sellekohase vastavuskriteeriumi valik, võib üksikjuhtudel nii keskkonnaklassi (külmakindluse klassi) kui ka katsetus(külmutus)keskkonna määramine toimuda osapoolte kokkuleppel. See standard ei käsitte standardi EVS-EN 206 klassifikatsiooni järgi raske- ega kergbetooni (poor- ja korebetoon). MÄRKUS Mõnedel juhtudel ei pruugi katsemeetod sobida eribetonide, näiteks kõrgtugeva betooni, isetiheneva betooni jt katsetamiseks. Sel juhul tuleb kasutada kokkuleppelist erimetoodikat.

EVS-EN 1176-7:2020

Mänguväljaku seadmed ja aluspind. Osa 7: Juhised paigaldamise, ülevaatuse, hooldamise ja kasutamise kohta Playground equipment and surfacing - Part 7: Guidance on installation, inspection, maintenance and operation

See dokument on kohaldatav mänguväljaku seadmetele, aluspinnakattele ja lisaseadmetele, nt väravad, tarad, pingid, prügikastid, varjud jne. See on mõeldud kasutamiseks mänguväljaku operaatoritele (vt määratlus 3.4) nende abistamiseks ülevaatuse ja hoolduse korra parendamiseks iga mänguväljaku jaoks. MÄRKUS 1 Ülevaatuse käsitlusala ja lisaseadmete kaasamine varieerub individuaalselt. MÄRKUS 2 Lisaseadmed ei ole arvatud standardisarja EN 1176 osades varustuse konkreetsete tüüpide hulka; seega ei hinnata neid vastavusele standardisarjale EN 1176 ning need allutatakse riskihindamisele. See dokument kehtestab juhised mänguväljaku seadmete ja seadmeid ümbritseva aluspinnakatte paigaldamisele, ülevaatusele, hooldusele ja opereerimisele.

EVS-EN 12697-6:2020

Asfaltsegud. Katsemeetodid. Osa 6: Asfaltproovikehade mahumassi määramine Bituminous mixtures - Test methods - Part 6: Determination of bulk density of bituminous specimens

See dokument määratleb tihendatud asfaltproovikehade mahumassi määramise katsemeetodid. Katsemeetodid on mõeldud kasutamiseks laboratoorselt tihendatud proovikehade või paigaldatud ja tihendatud katendist välja puuritud või saetud proovikehade korral. See dokument määratleb järgmised neli meetodit, mille valik sõltub hinnangulisest proovikeha poorsusest ja pooride avatusest: a) mahumass — kuiv (kasutatav väga kinnise pinnaga proovikehade korral); b) mahumass — immutatud ja kuivatatud pinnaga (saturated surface dry, SSD) (kasutatav kinnise pinnaga proovikehade puhul); c) mahumass — hermetiseeritud proovikeha (kasutatav avatud või koreda pinnaga proovikehade korral); d) mõõtmepõhine mahumass (kasutatav korrapärase pinna ja geomeetrilise vormiga, st ruudu-, ristküliku- või silindri- vms kujuliste proovikehade korral). MÄRKUS Lisa A (teatmelisa) annab üldjuhised sobiva meetodi valimiseks.

EVS-EN 14915:2013+A2:2020

Täispuidust vooderdis ja pealustus. Omadused, nõuded ja märgistus Solid wood panelling and cladding - Characteristics, requirements and marking

See Euroopa standard määrab kindlaks asjakohased omadused ja sobivad katsemeetodid nende omaduste määramiseks vooderdiseks ja pealustuseks (kaasa arvatud välisvooderdiseks) kasutatavatele täispuittoodetele: sein- ja laevooderdis sisetingimustes kasutamiseks; sein- ja laepealustus välisingimustes kasutamiseks. Standard määrab kindlaks nende toodete toimivuse püsivuse hindamise ja tõendamise ning märgistuse nõuded." See Euroopa standard ei hõlma jäikuselementidena kasutamiseks ette nähtud plaate. See Euroopa standard ei hõlma ripplagede puitvooderdist. See Euroopa standard ei hõlma immutamise, pinnakatmise või modifitseerimise protsesse. See Euroopa standard ei hõlma kihtpuidust valmistatud tooteid. See Euroopa standard hõlmab immutatud, immutamata ja kaetud pinnaga tooteid, kaasa arvatud neid, mis on terminiliselt või keemiliselt modifitseeritud puidust, samuti sõrmjätkatud ja servliimitud tooteid. MÄRKUS Pinnakatmise ja immutamise eeskirjad võivad leida kasutuskohtas kehtivatest dokumentidest. See Euroopa standard hõlmab tooteid, mis on vastavuses standarditega EN 14519, EN 15146 ja EN 14951, ning teisi täispuittooteid, mis on valmistatud kasutamiseks vooderdises ja pealustuses.

EVS-EN 15227:2020

Raudteealased rakendused. Raudteeveeremi kere purunemiskindluse nõuded Railway applications - Crashworthiness requirements for rail vehicles

Selles dokumendis määratakse purunemiskindluse nõuded uute toodetena konstrueeritud — veduritele, — kauba- ja reisiringide juhtpeadele; — reisiringides kasutatavale reisiveeremile (näiteks trammid, metroovagunid, reisivagunid). Selles dokumendis tuuakse välja passiivse ohutuse tagamise üldised meetodid, mida on võimalik kohandada sobitumaks eri veeremiüksuste individuaalsete vajadustega. See dokument määratleb takistuste referentsmudelite parameetrid kasutamiseks kokkupõrgete projekteeritud stsenaariumide puhul. See dokument määratleb ka nõuded ja meetodid näitamaks, et passiivse ohutuse eesmärgid on saavutatud võrdluses olemasolevate tõendatud konstruktsioonide, numbriliste simulatsioonide, komponentide või täismõõtetes katsetuste või kõigi nende meetodite kombinatsiooni teel.

EVS-EN 16475-1:2020

Korstnad. Tarvikud. Osa 1: Korstnasummutid. Nõuded ja katsemeetodid Chimneys - Accessories - Part 1: Chimney silencers - Requirements and test methods

Selles dokumendis sätestatakse nõuded ja katsemeetodid metallist suitsugaasisummutitele, mida kasutatakse lisatarvikuna selleks, et vähendada põletusseadmete müraaset. See dokument hõlmab ühenduslõõrides ja korstnate peal kasutatavaid summuteid. See dokument ei hõlma korstnalõikudena paigaldatavaid summuteid. Selles dokumendis ei käsitleta aktiivsummuteid. See dokument ei hõlma komponente, mida on katsetatud koos lõõride või süsteemikorstnatega.

EVS-EN 50119:2020

Raudteelased rakendused. Püsipaigaldised. Elekterveo kontaktõhuliinid Railway applications - Fixed installations - Electric traction overhead contact lines

See dokument kehtib elektertranspordi kontaktõhuliini süsteemidele, mida kasutatakse avalike või eraoperaatorite raudteedel, tramiteedel (kergraudteedel), trollibussidel ja tööstuslikel raudteedel. See dokument kehtib uutele kontaktõhuliini paigaldistele ja olemasolevate kontaktõhuliini süsteemide täielikul rekonstrueerimisel. See dokument hõlmab nõudeid ja katsetusi, mida rakendatakse kontaktõhuliinide projekteerimisel, nõudeid konstruktsioonidele ja nende struktuuri arvutustele ning kinnitustele, samuti nõudeid ja katsetusi koostude ja üksikosade projekteerimiseks. See dokument ei hõlma nõudeid maapealsetele kontaktrööbassüsteemidele (vt joonis 1).

EVS-EN 60601-2-43:2010/A2:2020

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

Standardi EN 60601-2-43:2010 muudatus

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

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

Asendus: See rahvusvaheline standard on kohaldatav nii FIKSEERITUD kui ka TEISALDATAVATE RÖNTGENSEADMETE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE, mis TOOTJA on kinnitanud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES ja mida edaspidi nimetatakse MENETLUSRÖNTGENSEADMETEKS. SELLE KÄSITLUSALAST ON VÄLJA JÄETUD: — KIIRITUSRAVIS kasutatavad seadmed; — KOMPUUTERTOMOGRAAFIA seadmed; — PATSIENDI KEHASSE SISESTAMISEKS MÕELDUD TARVIKUD; — mammograafilised RÖNTGENSEADMED; — dentaalröntgenseadmed. MÄRKUS 1 Näiteid FLUOROSKOOPILISELT JUHITAVATE INVASIIVPROTSEDUURIDE kohta, mille puhul on soovitatav kasutada sellele standardile vastavaid MENETLUSRÖNTGENSEADMEID, on toodud lisas AA. MÄRKUS 2 SELLES ERISTANDARDIS EI KÄSITLETA ERINÕUDEID MAGNETNAVIGATSIOONISEADMETELE EGA ERINÕUDEID MENETLUSRÖNTGENSEADMETE KASUTAMISELE OPERATSIOONITOA KESKKONNAS; SEEGA EI OLE NIMETATUD SEADMETE EGA KASUTAMISE KOHTA ANTUD MINGEID ERINÕUDEID. Igal juhul on sellised seadmed ja kasutamine kaetud põhijaotise nõuetega. MÄRKUS 3 Koonuskimpkompuutertomograafiarežiimis (ehk koonuskimp-KT-režiimis) kasutatav MENETLUSRÖNTGENSEADE on kaetud selle standardiga, mitte standardiga IEC 60601-2-44 [2]. Selle standardi kontekstis ei ole koonuskimp-KT-režiimis talitluseks määratletud mingeid lisanõudeid (vt ka märkus 4 jaotises 203.6.4.5). MENETLUSRÖNTGENSEADMED, mis on TOOTJA kinnitatud olema sobilikud kasutamiseks FLUOROSKOOPILISELT JUHITAVATES INVASIIVPROTSEDUURIDES, kuid millel puudub süsteemi osana PATSIENDILAUD, on vabastatud selle standardi nõuetest PATSIENDILAUALE. Kui peatükk või jaotis on spetsiifiliselt ette nähtud kohaldamiseks ainult MENETLUSRÖNTGENSEADMETELE VÕI AINULT EM-SÜSTEEMIDELE, ON SEE VÄLJENDATUD SELLE PEATÜKI VÕI JAOTISE PEALKIRJAS VÕI SISUS. KUI SEDA POLE ÖELDUD, ON SEE PEATÜKK VÕI JAOTIS ASJAKOHASELT KOHALDATAV NII MENETLUSRÖNTGENSEADMETELE kui ka EM-SÜSTEEMIDELE. MÄRKUS 4 Vt ka põhistandardi jaotis 4.2. Selle standardi jaotised asendavad standardi IEC 60601-2-54 jaotisi. IEC 60601-2-54 kehtib ainult sellele viidatud jaotiste puhul; standardi IEC 60601-2-54 mitteviidatud jaotised ei ole kohaldatavad.

EVS-IEC 60050-131:2013/A2:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002/Amd 3:2019, identical)

Standardi EVS-IEC 60050-131:2013 muudatus.

EVS-IEC 60050-131:2013+A1+A2:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 131: Ahelate teooria International Electrotechnical Vocabulary - Part 131: Circuit theory (IEC 60050-131:2002, identical + IEC 60050-131:2002/A1:2008, identical + IEC 60050-131:2002/A2:2013, identical + IEC 60050-131:2002/Amd 3:2019, identical)

IEC 60050 selles osas on esitatud elektri- ja magnetahelate teoorias kasutatavad põhiterminid, samuti aga ka ahelaelementide ja nende omaduste, võrgutopoloogia, n-port- ja kaksporthelate ning ahelate teooria meetodite juurde kuuluvad põhiterminid. Terminid on endastmõistetavalt kooskõlas rahvusvahelise elektrotehnika sõnastiku muudes eriosades kasutusele võetud terminitega. Mitmefaasilisi ahelaid käsitlevat jaotist, mis oli olemas selle standardi esimeses väljaandes „Elektri- ja magnetahelad“, on kavas laiendada ja esitada IEC 60050 omaette osas.

EVS-IEC 60050-151:2014/A1:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 151: Elektri- ja magnetseadised International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices (IEC 60050-151:2001/Amd 3:2019, identical)

Standardi EVS-IEC 60050-151:2014 muudatus.

EVS-IEC 60050-151:2014+A1:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 151: Elektri- ja magnetseadised International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices (IEC 60050-151:2001, identical + IEC 60050-151:2001/A1:2013, identical + IEC 60050-151:2001/A2:2014, identical + IEC 60050-151:2001/Amd 3:2019, identical)

See IEC 60050 osa esitab elektrotehnika eri aladel kasutatavad üldterminid (nt „elekter“, „magnetism“, „elektroonika“, „seadis“, „komponent“ jne), ühenduste ja ühendusseadiste juurde kuuluvad üldterminid, üldtarbeliste elektri- ja magnetseadiste nagu nt takistite, trafode, releede jne juurde kuuluvad terminid ja nende seadiste käitumise, kasutamise, katsetamise ja käidu kohta käivad terminid. Terminid on endastmõistetavalt kooskõlas rahvusvahelise elektrotehnika sõnastiku muudes eri osades kasutatavate terminitega.

EVS-IEC 60050-161:2015/A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/Amd 8:2018, identical + IEC 60050-161:1990/Amd 9:2019, identical)

Standardi EVS-IEC 60050-161:2015 muudatus.

EVS-IEC 60050-161:2015+A1+A2+A3:2020

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt „elektromagnetiline keskkond“, „elektromagnetiline häiring“, „elektromagnetiline häire“, „häiringutaluvus“, „häire piirtase“, jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.

UUED HARMONEERITUD STANDARDID

Toote nõuetele vastavuse seaduse kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtva Eesti standardite kohta.

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

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

Lisainfo:

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

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtva 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) 2020/480, millega muudetakse rakendusotsust (EL) 2019/436 (EL Teataja 2020/L 102/06)

Harmoniseeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Vijde asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse
EVS-EN 1114-3:2019 Kummi- ja plastitöötlusmasinad. Ekstruuderid ja ekstrusiooniliinid. Osa 3: Ohutusnõuded ekstrusioonimasinatele	02.04.2020	EN 1114-3:2001+A1:2008	02.10.2021
EVS-EN 1127-1:2019 Plahvatusohtlikud keskkonnad. Plahvatuse vältimine ja kaitse. Osa 1: Põhimõisted ja meetodika (parandatud väljaanne 09.2019)	02.04.2020	EN 1127-1:2011	02.10.2021
EVS-EN 12012-1:2018 Kummi- ja plastitöötlusmasinad. Suurust vähendavad masinad. Osa 1: Ohutusnõuded labagranulaatoritele ja purustitele	02.04.2020	EN 12012-1:2007+A1:2008; EN 12012-3:2001+A1:2008	02.10.2021
EVS-EN 12312-8:2018 Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 8: Hooldus- või teenindustreppid ja platvormid	02.04.2020	EN 12312-8:2005+A1:2009	02.10.2021
EVS-EN 12733:2018 Põllumajandus- ja metsatöömehhanismid. Ohutus	02.04.2020	EN 12733:2001+A1:2009	02.10.2021
EVS-EN 14033-4:2019 Raudteealased rakendused. Rööbastee. Raudtee ehitus- ja hooldusmasinad. Osa 4: Tehnilised nõuded sõitmiseks, vedamiseks ja töötamiseks linnade metroo-, trammi- või muudes kergraudteevõrkudes	02.04.2020		
EVS-EN 1459-2:2015+A1:2018 Autolaadurid pinnaseteedele. Ohutusnõuded ja vastavuskontroll. Osa 2: Pöördmehhanismiga teleskooplaadurid	02.04.2020	EN 1459-2:2015	02.10.2021
EVS-EN 16712-4:2018 Kantav varustus tuletõrjepumpadega tarnitavate tulekustutusainete pihustamiseks. Kantav vahuvarustus. Osa 4: Kõrgkordse vahu generaatorid PN16	02.04.2020		
EVS-EN 16770:2018 Puidutöötlemismasinate ohutus. Siseruumesse paigaldatavad hakise- ja tolmueemaldussüsteemid. Ohutusnõuded	02.04.2020		
EVS-EN 16985:2018 Pihustuskambriid orgaanilisele katematerjalile. Ohutusnõuded	02.04.2020	EN 12981:2005+A1:2009; EN 13355:2004+A1:2009	02.10.2021

EVS-EN 17067:2018 Metsatöomasinad. Raadiokaugjuhtimispultide ohutusnõuded	02.04.2020		
EVS-EN 60204-1:2018 Masinate ohutus. Masinate elektriseadmed. Osa 1: Üldnõuded	02.04.2020	EN 60204-1:2006; EN 60204-1:2006/A1:2009	02.10.2021
EVS-EN 62841-2-1:2018/A11:2019 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 2-1: Erinõuded käeshoitavatele trellidele ja lööktrellidele	02.04.2020		
EVS-EN 62841-2-21:2019 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 2-21: Erinõuded käeshoitavatele dreanaažipuhastajatele	02.04.2020	EN 60745-2-21:2009; EN 60745-2-21:2009/A1:2010	02.10.2021
EVS-EN 62841-3-12:2019 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 3-12: Erinõuded teiseldatavatele keermelõikemasinatele	02.04.2020		
EVS-EN 62841-4-2:2019 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 4-2: Erinõuded hekilõikuritele	02.04.2020		
EVS-EN 707:2018 Põllumajandusmasinad. Lägalaoturid. Ohutus	02.04.2020	EN 707:1999+A1:2009	02.10.2021
EVS-EN IEC 60204-11:2019 Masinate ohutus. Masinate elektriseadmed. Osa 11: Kõrgepingeseadmetele esitatavad nõuded vahelduvpingel üle 1000 V kuni 36 kV või alalispingel üle 1500 V kuni 36 kV	02.04.2020	EN 60204-11:2000	02.10.2021
EVS-EN ISO 10517:2019 Käeshoitavad mootoriga hekitrimmerid. Ohutus	02.04.2020	EN ISO 10517:2009; EN ISO 10517:2009/ A1:2013	02.10.2021
EVS-EN ISO 11148-13:2018 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 13: Kinnitusdetailide sissetagumise tööriistad	02.04.2020	EN 792-13:2000+A1:2008	02.10.2021
EVS-EN ISO 18497:2018 Põllumajandusmasinad ja traktorid. Suures osas automatiseeritud põllumajandusmasinate ohutusnõuded. Konstrueerimise põhimõtted	02.04.2020		
EVS-EN ISO 19085-3:2017 Puidutöötlemismasinad. Ohutus. Osa 3: Arvjuhtimisega puurid ja profiilfreesid	24.10.2019	EN 848-3:2012	02.10.2021
Märkus. Harmoneeritud standardi EN ISO 19085-3:2017 punkti 6.6.2.2.3.1 puhul ei saa eeldada vastavust direktiivi 2006/42/EÜ I lisa punktis 1.4.1 sätestatud oluliste tervisekaitse- ja ohutusnõuetele, mille kohaselt kaitsepiirded ja kaitseeadised ei tohi olla hõlpsasti möödapääsetavad.			
EVS-EN ISO 19085-7:2019 Puidutöötlemismasinad. Ohutus. Osa 7: Rihthöövelpingid, paksushöövelpingid, kombineeritud riht-paksushöövelpingid	02.04.2020	EN 859:2007+A2:2012; EN 860:2007+A2:2012; EN 861:2007+A2:2012	02.10.2021
EVS-EN ISO 19296:2018 Kaevandamine. Allmaatööde liikurmasinad. Masinate ohutus	02.04.2020	EN 1889-1:2011	02.10.2021
EVS-EN ISO 19353:2019 Masinate ohutus. Tulekahjude vältimine ja tulekaitse	02.04.2020	EN ISO 19353:2016	02.10.2021
EVS-EN ISO 20607:2019 Masinate ohutus. Käsiraamat. Üldised põhimõtted koostamisel	02.04.2020		
EVS-EN ISO 28927-4:2011/A1:2018 Käeshoitavad mootoriga tööriistad. Katsemeetodid vibratsiooni hindamiseks. Osa 4: Lintlihvmasinad. Muudatus 1: Ketasharjad	02.04.2020		
EVS-EN ISO 3691-5:2015 Tööstuslikud mootorkärud. Ohutusnõuded ja kontrollimine. Osa 5: Jalakäijate poolt kasutatavad kärud	02.04.2020	EN ISO 3691-5:2014	02.10.2021
EVS-EN ISO 4254-9:2018 Põllumajandusmasinad. Ohutus. Osa 9: Kõlvimasinad	02.04.2020	EN 14018:2005+A1:2009	02.10.2021

EESTI STANDARDI TÄHISE MUUDATUS

Eesti standardi EVS-EN IEC 62282-8:2020 „Fuel cell technologies - Part 8-102: Energy storage systems using fuel cell modules in reverse mode - Test procedures for the performance of single cells and stacks with proton exchange membranes, including reversible operation“ (jõustunud 19.03.2020 EVS Teatajas) tähise muutmise:

Senine tähis	Uus tähis
EVS-EN IEC 62282-8:2020	EVS-EN IEC 62282-8-102:2020