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Algupäraste standardite koostamine ja ülevaatus

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 24096-1:2024

Technical product documentation (TPD) - Classification of requirements - Part 1: Framework (ISO 24096-1:2024)

This document describes the framework for building a system for classification of requirements. Such a system can be used to indicate requirements of special importance, and communicate them for production set-up, verification, and audit etc. This document — gives background information why such a system is useful in many areas of manufacturing; — can be referred to for the concept of classification of requirements; — functions as a framework for applying such a system in technical product documentation (TPD); — indicates the needed elements for a classification system; — supports with aspects in the choice of symbols for a classification system. As a framework this document does not give the details of a specific classification system. Instead, it functions as a basis for an organization specific system which contains the details such as notations and symbols, classification levels, assessment procedures etc., including usage and interpretation in the TPD. This document does not describe contractual consequences of a classification e.g., required actions like choice of tools, reliability index or process capability for a classification level, nor needed references to other such standards or documents for handling classifications and non-conformity to requirements.

Keel: en
Alusdokumendid: EN ISO 24096-1:2024; ISO 24096-1:2024

EVS-EN ISO 24096-2:2024

Technical product documentation (TPD) - Classification of requirements - Part 2: Classification based on severity and susceptibility (ISO 24096-2:2024)

This document describes a method for classification of requirements based on severity and susceptibility. This classification method needs a system in line with the framework described in ISO 24096-1 to form a complete system. This document — indicates the needed elements for a consistent evaluation of the severity over time, and supports a company business model and its brand image; — gives background to why more than severity is useful as a base for classification; — adds susceptibility as a viable parameter along with severity; — describes the methodology for classification requirements using severity and susceptibility.

Keel: en
Alusdokumendid: EN ISO 24096-2:2024; ISO 24096-2:2024

EVS-EN ISO 7287:2002/A1:2024

Termolõikamisseadmete graafilised tingmärgid
Graphical symbols for thermal cutting equipment - Amendment 1 (ISO 7287:2002/Amd 1:2024)

Amendment to EN ISO 7287:2002

Keel: en
Alusdokumendid: ISO 7287:2002/Amd 1:2024; EN ISO 7287:2002/A1:2024
Muudab dokumenti: EVS-EN ISO 7287:2002

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

EVS-EN IEC 60300-3-14:2024

Dependability management - Part 3-14: Application guide - Supportability and support

IEC 60300-3-14:2024 introduces the dependability attribute of supportability (and support) and the relationship with related dependability attributes of reliability, maintainability and availability. This document can be used at any time during an item's life to guide the planning and implementing of supportability and support activities focused on achieving an intended balance of performance, cost and risk. All activities can be tailored to the nature of the item and its conditions of use. Guidance is offered on how supportability and support activities can be applied at any life cycle stage for newly designed items, existing items available for commercial procurement, or for items during their operational life. This document considers the life cycle implications by formally managing risks associated with the management and delivery of activities to create, operate, maintain and refurbish an item to achieve its stated purpose. This document describes the: - nature of supportability and support; - role of supportability and support in achieving item value over its life; - trade-offs associated with supportability and support to achieve desired balance of cost, performance and risk during the life of an item; - importance of aligning the structure of an organization with its objectives, with the ultimate aim of improving efficiency and effectiveness in order to deliver the required supportability and support. This second edition cancels and replaces the first edition published in 2004. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) consistency with the other core dependability standards prepared by IEC TC 56; b) expansion of supportability and support principles and activities in dependability.

Keel: en
Alusdokumendid: IEC 60300-3-14:2024; EN IEC 60300-3-14:2024
Asendab dokumenti: EVS-EN 60300-3-14:2004

EVS-EN ISO 56001:2024

Innovation management system - Requirements (ISO 56001:2024)

This document specifies requirements for an innovation management system that an organization can use to develop and demonstrate its innovation capability, enhance its innovation performance, and realize value for users, customers and other interested parties. The requirements in this document are generic. This document is applicable to any organization, regardless of type or size, products and services provided, or the types of innovations and innovation approaches used.

Keel: en
Alusdokumendid: ISO 56001:2024; EN ISO 56001:2024

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 24672:2024

Nanotechnologies - Guidance on the measurement of nanoparticle number concentration (ISO/TS 24672:2023)

This document provides an overview of the methods used to determine the nanoparticle number concentration in liquid dispersions and aerosols. The methods described are the ensemble measurement techniques of differential centrifugal sedimentation (DCS), multi-angle dynamic light scattering (MDLS), small-angle X-ray scattering (SAXS) and ultraviolet-visible spectroscopy (UV-vis) and the particle counting methods of particle tracking analysis (PTA), resistive pulse sensing (RPS), single particle inductively coupled plasma mass spectrometry (spICP-MS), condensation particle counter (CPC), and differential mobility analysing system (DMAS). This document provides information on the use of each technique, along with considerations on sample preparation, advantages and limitations.

Keel: en
Alusdokumendid: ISO/TS 24672:2023; CEN ISO/TS 24672:2024

EVS-EN ISO 16140-2:2016/A1:2024

Microbiology of the food chain - Method validation - Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method - Amendment 1: Revision of qualitative method comparison study data evaluation, relative level of detection calculations in the interlaboratory study, calculation and interpretation of the relative trueness study, and inclusion of a commercial sterility testing protocol for specific products

Amendment to EN ISO 16140-2:2016

Keel: en
Alusdokumendid: ISO 16140-2:2016/Amd 1:2024; EN ISO 16140-2:2016/A1:2024
Muudab dokumenti: EVS-EN ISO 16140-2:2016

EVS-EN ISO 16140-4:2020/A1:2024

Microbiology of the food chain - Method validation - Part 4: Protocol for method validation in a single laboratory - Amendment 1: Validation of a larger test portion size for qualitative methods (ISO 16140-4:2020/Amd 1:2024)

Amendment to EN ISO 16140-4:2020

Keel: en
Alusdokumendid: ISO 16140-4:2020/Amd 1:2024; EN ISO 16140-4:2020/A1:2024
Muudab dokumenti: EVS-EN ISO 16140-4:2020

EVS-EN ISO 19337:2024

Nanotechnologies - Characteristics of working suspensions of nano-objects for in vitro assays to evaluate inherent nano-object toxicity (ISO 19337:2023)

This document describes the characteristics of working suspensions of nano-objects to be considered when conducting in vitro assays to evaluate inherent nano-object toxicity. In addition, the document identifies applicable measurement methods for these characteristics. This document is applicable to nano-objects, and their aggregates and agglomerates greater than 100 nm. This document intends to help clarify whether observed toxic effects come from tested nano-objects themselves or from uncontrolled sources.

Keel: en
Alusdokumendid: ISO 19337:2023; EN ISO 19337:2024

11 TERVISEHOOLDUS

EVS-EN 455-1:2020+A2:2024

Ühekordselt kasutatavad meditsiinilised kindad. Osa 1: Nõuded aukude puudumisele ja selle katsetamine
Medical gloves for single use - Part 1: Requirements and testing for freedom of holes

This document specifies requirements and gives the test method for medical gloves for single use in order to determine freedom from holes.

Keel: en
Alusdokumendid: EN 455-1:2020+A2:2024
Asendab dokumenti: EVS-EN 455-1:2020+A1:2022

EVS-EN 60601-2-10:2015/A2:2024

Elektrilised meditsiiniseadmed. Osa 2-10: Erinõuded närvi- ja lihasstimulaatorite esmasele ohutusele ja olulistele toimimisnäitajatele
Amendment 2 - Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators

Amendment to EN 60601-2-10:2015

Keel: en
Alusdokumendid: IEC 60601-2-10:2012/AMD2:2023; EN 60601-2-10:2015/A2:2024
Muudab dokumenti: EVS-EN 60601-2-10:2015

EVS-EN 60601-2-10:2015+A1+A2:2024

Elektrilised meditsiiniseadmed. Osa 2-10: Erinõuded närvi- ja lihasstimulaatorite esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators (IEC 60601-2-10:2012 + IEC 60601-2-10:2012/A1:2016 + IEC 60601-2-10:2012/AMD2:2023)

This International Standard specifies the requirements for the safety of nerve and muscle STIMULATORS, defined in subclause 201.3.204, for use in the practice of physical medicine, hereinafter referred to as ME EQUIPMENT. This includes transcutaneous electrical nerve STIMULATORS (TENS) and electrical muscle STIMULATORS (EMS). NOTE A muscle STIMULATOR may also be known as a neuromuscular STIMULATOR. The following ME EQUIPMENT is excluded: – ME EQUIPMENT intended to be implanted or to be connected to implanted electrodes; – ME EQUIPMENT intended for the stimulation of the brain (e.g. electroconvulsive therapy ME EQUIPMENT); – ME EQUIPMENT intended for neurological research; – external cardiac pacemakers (see IEC 60601-2-31); – ME EQUIPMENT intended for averaged evoked potential diagnosis (see IEC 60601-2-40); – ME EQUIPMENT intended for electromyography (see IEC 60601-2-40); – ME EQUIPMENT intended for cardiac defibrillation (see IEC 60601-2-4).

Keel: en
Alusdokumendid: EN 60601-2-10:2015; IEC 60601-2-10:2012; IEC 60601-2-10:2012/A1:2016; EN 60601-2-10:2015/A1:2016; IEC 60601-2-10:2012/AMD2:2023; EN 60601-2-10:2015/A2:2024
Konsolideerib dokumenti: EVS-EN 60601-2-10:2015
Konsolideerib dokumenti: EVS-EN 60601-2-10:2015/A1:2016
Konsolideerib dokumenti: EVS-EN 60601-2-10:2015/A2:2024

EVS-EN 60601-2-3:2015/A2:2024

Elektrilised meditsiiniseadmed. Osa 2-3: Erinõuded lühilaineteraapia seadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment

Standardi EN 60601-2-3:2015 muudatus

Keel: en
Alusdokumendid: IEC 60601-2-3:2012/AMD2:2022; EN 60601-2-3:2015/A2:2024
Muudab dokumenti: EVS-EN 60601-2-3:2015

EVS-EN 60601-2-6:2015/A2:2024

Elektrilised meditsiiniseadmed. Osa 2-6: Erinõuded mikrolaineraviseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment

Standardi EN 60601-2-6:2015 muudatus

Keel: en
Alusdokumendid: IEC 60601-2-6:2012/AMD2:2022; EN 60601-2-6:2015/A2:2024
Muudab dokumenti: EVS-EN 60601-2-6:2015

EVS-EN IEC 60601-2-2:2018/A1:2024

Elektrilised meditsiiniseadmed. Osa 2-2: Erinõuded kõrgsageduslike kirurgiliste instrumentide ja kõrgsageduslike kirurgiliste tarvikute esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories

Amendment to EN IEC 60601-2-2:2018

Keel: en
Alusdokumendid: IEC 60601-2-2:2017/AMD1:2023; EN IEC 60601-2-2:2018/A1:2024
Muudab dokumenti: EVS-EN IEC 60601-2-2:2018

EVS-EN IEC 60601-2-2:2018+A1:2024

Elektrilised meditsiiniseadmed. Osa 2-2: Erinõuded kõrgsageduslike kirurgiliste instrumentide ja kõrgsageduslike kirurgiliste tarvikute esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (IEC 60601-2-2:2017 + IEC 60601-2-2:2017/AMD1:2023)

This part of IEC 60601 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HF SURGICAL EQUIPMENT and HF SURGICAL ACCESSORIES as defined in 201.3.224 and 201.3.223. HF SURGICAL EQUIPMENT having a RATED OUTPUT POWER not exceeding 50 W (for example for micro-COAGULATION, or for use in dentistry or ophthalmology) is exempt from certain of the requirements of this particular standard. These exemptions are indicated in the relevant requirements.

Keel: en
Alusdokumendid: IEC 60601-2-2:2017; EN IEC 60601-2-2:2018; IEC 60601-2-2:2017/AMD1:2023; EN IEC 60601-2-2:2018/A1:2024
Konsolideerib dokumenti: EVS-EN IEC 60601-2-2:2018
Konsolideerib dokumenti: EVS-EN IEC 60601-2-2:2018/A1:2024

EVS-EN IEC 60601-2-46:2024

Elektrilised meditsiiniseadmed. Osa 2-46: Erinõuded operatsioonilaudade esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables

IEC 60601-2-46:2023 specifies safety requirements for operating tables, whether or not having electrical parts, including transporters, used for the transportation of the operating table top to or from the base or pedestal of an operating table with detachable operating table top. This particular standard does not apply to - dental patient chairs (see ISO 7494-1), - examination chairs and couches, - patient-supporting systems of diagnostic, interventional and therapeutic equipment (see IEC 60601-2-54 or IEC 60601-2-43), - operating table heating blankets (see IEC 60601-2-35), - patient transfer equipment, - delivery tables and delivery beds, - medical beds (see IEC 60601-2-52 and EN 50637), and - field tables. IEC 60601-2-46:2023 cancels and replaces the third edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical change with respect to the previous edition: structural alignment with IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020.

Keel: en
Alusdokumendid: IEC 60601-2-46:2023; EN IEC 60601-2-46:2024
Asendab dokumenti: EVS-EN IEC 60601-2-46:2019

EVS-EN IEC 60601-2-54:2024

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluoroskoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy (IEC 60601-2-54:2022)

Kohaldatav on standardi IEC 60601-1:2005 ja selle muudatuste IEC 60601-1:2005/AMD1:2012 ja IEC 60601-1:2005/AMD2:2020 peatükk 1 järgmiste erisustega: 201.1.1 Käsitlusala Asendus: See dokument on kohaldatav projektsioonRADIOGRAAFIAS ja KAUDFLUOROSKOOPIAS kasutamiseks ettenähtud EM-SEADMETE ja EM-SÜSTEEMIDE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE. Standard IEC 60601-2-43 on kohaldatav menetlusradioloogias kasutamiseks ettenähtud EM-SEADMETELE ja EM-SÜSTEEMIDELE ning selles viidatakse siinse eristandardi asjakohastele nõuetele. Selle dokumendi käsitlusalasse ei kuulu luu või koe absorptsioondensitomeetrias, kompuutertomograafias, mammograafias, dentaalradioloogias ega kiiritusravis kasutamiseks ettenähtud EM-SEADMED ja EM-SÜSTEEMID. Selle dokumendi käsitlusalasse ei kuulu ka kiiritusravi simulaatorid. Kui peatükk või jaotis on eristavalt kohaldatav ainult EM-SEADMETELE või ainult EM-SÜSTEEMIDELE, on seda väljendatud peatüki või jaotise pealkirjas või sisus. Kui seda pole tehtud, on peatükk või jaotis asjakohaselt kohaldatav nii EM-SEADMETELE kui ka EM-SÜSTEEMIDELE.

Keel: en, et
Alusdokumendid: IEC 60601-2-54:2022; EN IEC 60601-2-54:2024
Asendab dokumenti: EVS-EN 60601-2-54:2009
Asendab dokumenti: EVS-EN 60601-2-54:2009/A1:2015

Asendab dokumenti: EVS-EN 60601-2-54:2009/A2:2019
Asendab dokumenti: EVS-EN 60601-2-54:2009+A1:2015
Asendab dokumenti: EVS-EN 60601-2-54:2009+A1+A2:2019
Asendab dokumenti: EVS-EN 60601-2-54:2009+A1+A2:2019/AC:2019

EVS-EN IEC 60601-2-75:2019/A1:2024

Elektrilised meditsiiniseadmed. Osa 2-75: Erinõuded valgusraviseadme ja valgusdiagnostikaseadme esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment

Amendment to EN IEC 60601-2-75:2019

Keel: en
Alusdokumendid: IEC 60601-2-75:2017/AMD1:2023; EN IEC 60601-2-75:2019/A1:2024
Muudab dokumenti: EVS-EN IEC 60601-2-75:2019

EVS-EN IEC 80601-2-58:2024

Elektrilised meditsiiniseadmed. Osa 2-58: Erinõuded silmakirurgias läätsede eemaldamisel ja vitrektoomias kasutatavate seadiste esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery

IEC 80601-2-58:2024 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of LENS REMOVAL DEVICES and VITRECTOMY DEVICES for ophthalmic surgery (as defined in 201.3.209 and 201.3.217) and associated ACCESSORIES that can be connected to this MEDICAL ELECTRICAL EQUIPMENT, hereafter referred to as ME 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 of IEC 60601-1:2005 and IEC 60601 1:2005/AMD2:2020 and 8.4.1 of IEC 60601-1:2005. IEC 80601-2-58:2024 cancels and replaces the second edition published in 2014 and its Amendment 1:2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the alignment of this particular standard based on the amendment of IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020; b) updating collateral, particular and IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020 references to align with amendments to IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020 and other collateral standards; c) updated normative references; d) added new requirement for particulate matter from APPLIED PARTS in 201.9.5.101; e) adding the shadow light method in 201.12.1.101.7; f) clarify test conditions for EMC requirements in 202.7.1.2; g) updated Table D.4 references to include specific IEC references to the symbols and delete “Annex AA, 201.7.6.101”; h) include a new annex to address the relevant general safety and performance requirements of European regulation (EU) 2017/745 (Annex BB); i) remove all references of the LIQUEFACTION FRAGMENTATION LENS REMOVAL method.

Keel: en
Alusdokumendid: IEC 80601-2-58:2024; EN IEC 80601-2-58:2024
Asendab dokumenti: EVS-EN 80601-2-58:2015
Asendab dokumenti: EVS-EN 80601-2-58:2015/A1:2019

EVS-EN IEC 80601-2-78:2020/A1:2024

Elektrilised meditsiiniseadmed. Osa 2-78: Erinõuded taastusraviks, hindamiseks, kompenseerimiseks või leevendamiseks ette nähtud meditsiiniliste robotite esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation

Amendment to EN IEC 80601-2-78:2020

Keel: en
Alusdokumendid: IEC 80601-2-78:2019/AMD1:2024; EN IEC 80601-2-78:2020/A1:2024
Muudab dokumenti: EVS-EN IEC 80601-2-78:2020

EVS-EN ISO 20342-5:2024

Assistive products for tissue integrity when lying down - Part 5: Test method for resistance to cleaning and disinfection (ISO 20342-5:2024)

This document specifies a test method to evaluate the effects of liquid cleaners and disinfectants on the properties of waterproof coated textiles that are used as the protective outer surface of assistive products for tissue integrity (APTIs). The test method is not applicable to outer surfaces of APTIs that are not sufficiently drapeable. The test addresses degradation by pure chemical contact time only, it does not address degradation by other factors, such as abrasion.

Keel: en
Alusdokumendid: ISO 20342-5:2024; EN ISO 20342-5:2024

EVS-EN ISO 7199:2024

Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) (ISO 7199:2024)

This document specifies requirements for sterile, single-use, extracorporeal blood-gas exchangers (oxygenators) intended for the supply of oxygen to, and the removal of carbon dioxide from, human blood, during cardiopulmonary bypass (CPB) for up to 6 h, extracorporeal lung assist [ECLA with veno-venous (VV), veno-arterial (VA) or veno-arterial-venous (VAV) cannulation strategies], cardiopulmonary support (CPS), extracorporeal life support (ECLS with VA cannulation strategy), extracorporeal carbon dioxide removal (ECCO2R), and other extracorporeal circulation techniques requiring blood-gas exchange. This document also applies to heat exchangers and arterial filters that are integral parts of the oxygenator. This document also applies to external equipment unique to the use of the oxygenator. This document does not apply to — implanted oxygenators, — liquid oxygenators, — extracorporeal circuits (blood tubing), — separate heat exchangers, — separate ancillary devices, and — separate arterial line filters.

Keel: en
Alusdokumendid: ISO 7199:2024; EN ISO 7199:2024
Asendab dokumenti: EVS-EN ISO 7199:2017
Asendab dokumenti: EVS-EN ISO 7199:2017/A1:2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 1366-10:2022+A1:2024

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

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

Keel: en
Alusdokumendid: EN 1366-10:2022+A1:2024
Asendab dokumenti: EVS-EN 1366-10:2022

EVS-EN 16156:2024

Sigaretid. Süütamisvõime hindamine. Ohutusnõue
Cigarettes - Assessment of the ignition propensity - Safety requirement

This document specifies the fire safety requirement for cigarettes.

Keel: en
Alusdokumendid: EN 16156:2024
Asendab dokumenti: EVS-EN 16156:2010

EVS-EN 17235:2024

Püsiankurdusseadmed ja turvakonksud
Permanent anchor devices and safety hooks

This document specifies assessment of characteristics for anchor devices and safety hooks intended to be used with personal fall protection systems to prevent persons from falling and arrest falls, both permanently fixed on or into buildings and civil engineering works. The safety hooks covered under this standard are also intended to for the attachment of mobile roof ladders or work platforms and have an opening of not less than 80 mm and not more than 150 mm, see Figure 2. The height h of the hook is at least 120 mm. NOTE The personal fall protection systems are used according to EN 363:2018. This standard also covers the fastening kits used to secure the anchor devices or safety hooks on or into the load bearing structure. It specifies essential dimensions, materials and criteria to assess the performance of representative load bearing structures. This standard describes the methods and criteria to assess the performance and durability of the following anchor kits: - Kit A (Anchor kit incorporating a single anchor device); - Kit B (Anchor kit incorporating a safety hook); - Kit C (Anchor kit incorporating a horizontal wire anchor line); - Kit D (Anchor kit incorporating a horizontal rail anchor line). The kits described in this standard consist usually of several components. They are intended to be evaluated as a kit in its entirety. This standard is not applicable to: - Temporary anchor devices according to EN 795:2012; - Facilities for roof access according to EN 516:2006; - Permanently fixed ladders on roofs according to EN 12951:2004. - Permanent anchor devices and safety hooks fixed with nails.

Keel: en
Alusdokumendid: EN 17235:2024

EVS-EN 353-2:2024

Kukkumisvastased isikukaitsevahendid. Osa 2: Juhitavad kukkumist pidurdavad paindliku ankurdusliiniga vahendid
Personal fall protection equipment - Part 2: Guided type fall arresters including a flexible anchor line

This document specifies requirements, test methods, marking, manufacturer's instructions and information and packaging for guided type fall arresters including a flexible anchor line forming a single product. This anchor line is attached to an upper anchor point for vertical and inclined applications; for horizontal applications, the anchor point can be located at the user's foot level. Guided type fall arresters including a flexible anchor line conforming to this document are components of one of the fall arrest systems covered by EN 363:2018. Other types of fall arresters are specified in EN 353-1:2014+A1:2017 or EN 360:2023.

Keel: en
Alusdokumendid: EN 353-2:2024
Asendab dokumenti: EVS-EN 353-2:2002

EVS-EN 50365:2023/AC:2024

Pingealune töö. Kesk- ja madalpingepaigaldistes kasutatavad elektriisolatsiooniga kiivrid
Live Working - Electrically insulating helmets for use on low and medium voltage installations

Standardi EN 50365:2023 parandus

Keel: en
Alusdokumendid: EN 50365:2023/AC:2024-09
Parandab dokumenti: EVS-EN 50365:2023

EVS-EN IEC 62933-5-1:2024

Electrical energy storage (EES) systems - Part 5-1: Safety considerations for grid-integrated EES systems - General specification

IEC 62933-5-1:2024 specifies safety considerations (e.g. hazards identification, risk assessment, risk mitigation) applicable to EES systems integrated with the electrical grid. This document provides criteria to enable the safe application and use of electrical energy storage systems of any type or size intended for grid-integrated applications. This document can be applied to all EESS technologies, but for requirements specific to electrochemical EES systems, reference is also made to IEC 62933-5-2. This first edition cancels and replaces the first edition of IEC TS 62933-5-1 published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC TS 62933-5-1:2017: a) Revising "should" statements to "shall" statements for all requirements and move some "should" statements clauses to Annex B for informative purposes. b) Update standard references (normative). c) Update definitions and add or remove definitions where necessary. d) Revise criteria in Clause 6 and Clause 7 to be actionable and add standard references where necessary. e) Revise Clause 8 for more thorough test method and criteria, add tests where necessary. f) Add markings and instruction criteria. g) Revise Annex A to add technology safety information on gravitational and thermal EESS. h) Add Annex B and Annex C for safety considerations for EESS and test method for mechanical EESS. i) Add informative list of standards and update bibliography.

Keel: en
Alusdokumendid: IEC 62933-5-1:2024; EN IEC 62933-5-1:2024

EVS-ISO 7503-2:2024

Radioaktiivsuse mõõtmine. Pinna saastatuse mõõtmine ja hindamine. Osa 2: Pühkmeproovi meetod
Measurement of radioactivity - Measurement and evaluation of surface contamination - Part 2: Test method using wipe-test samples (ISO 7503-2:2016, identical)

ISO 7503 (kõik osad) ja ISO 8769 on adresseeritud inimestele, kes vastutavad tahketel pindadel esineva radioaktiivsuse mõõtmise eest. Seda standardi ISO 7503 osa kohaldatakse kaudse mõõtmismeetodi abil pindade saastatuse hindamisel, aktiivsuse ühikutes pindalaühiku kohta. See ISO 7503 osa on rakendatav täpselt määratletud pindade korral, nagu seadmete ja abiseadmete pinnad, radioaktiivsete materjalide konteinerid, suletud allikad ning hooned või maa. Seda ISO 7503 osa saab kasutada labori ja seadmete/paigaldise kontrollimiseks ning puhastamis- ja seiretegevusteks, et täita vabastamise kriteeriume. See ISO 7503 osa seostub ka institutsioonide/asutustega, kes kontrollivad tuumamaterjali transporti või materjali/seadmete vabastamist vastavalt siseriiklikes õigusaktides kehtestatud suunisväärtustele või rahvusvaheliste konventsioonide piirnormidele. See ISO 7503 osa pole kohaldatav naha, riiete või lahtise materjali, näiteks kruusa, saastumise korral. MÄRKUS Alfa-, beeta- ja footonkiirgajatega pinnasaaste otsest hindamist käsitleb ISO 7503-1. Radioaktiivse pinnasaaste hindamise mõõteriistade kalibreerimist käsitleb ISO 7503-3.

Keel: en
Alusdokumendid: ISO 7503-2:2016

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 61786-1:2014/A1:2024

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

Amendment to EN 61786-1:2014

Keel: en
Alusdokumendid: IEC 61786-1:2013/AMD1:2024; EN 61786-1:2014/A1:2024
Muudab dokumenti: EVS-EN 61786-1:2014

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13445-11:2024

Leekkuumutuseta surveanumad. Osa 11: Täendavad nõuded titaanist ja titaanisulamist surveanumatele
Unfired pressure vessels - Part 11: Additional requirements for pressure vessels of titanium and titanium alloys

This Part 11 of this European Standard specifies requirements for unfired pressure vessels and their parts made of titanium and titanium alloys in addition to the general requirements for unfired pressure vessels under EN 13445:2014 Parts 1 to 5. NOTE 1 Cast materials, HIP and additive manufacturing are not included in this version. Details regarding such materials will be subject to an amendment to or a revision of this European Standard. NOTE 2 Materials in Groups 51.4 and 54 are not included in this version.

Keel: en
Alusdokumendid: EN 13445-11:2024

EVS-EN 14382:2019+A1:2024

Sisendrõhule kuni 100 baari ette nähtud gaasi turva-sulgurseadmed
Gas safety shut-off devices for inlet pressure up to 10 MPa (100 bar)

This document specifies constructional, functional, testing marking and sizing requirements and documentation of gas safety shut-off devices: - for inlet pressures up to 100 bar and nominal diameters up to DN 400; - for an operating temperature range from -20 °C to +60 °C; which operate with fuel gases of the 1st and 2nd family as defined in EN 437, used in the pressure regulating stations in accordance with EN 12186 or EN 12279, in transmission and distribution networks and also in commercial and industrial installations. "Gas safety shut-off devices" will hereafter be called "SSDs" except in titles. For standard safety shut-off devices when used in pressure regulating stations complying with EN 12186 or EN 12279, Annex ZA lists all applicable Essential Safety Requirements of Directive 2014/68/EU (PED). This document considers the following temperature classes/types of SSDs: - temperature class 1: operating temperature range from -10 °C to 60 °C; - temperature class 2: operating temperature range from -20 °C to 60 °C; - functional class A: SSDs that close when damage to the pressure detecting element occurs or when external power fails and whose re-opening, is possible only manually; - functional class B: SSDs that do not close when damage to the pressure detecting element occurs but provide suitable and reliable protection and whose re-opening, is possible only manually; - type IS: (integral strength type); - type DS: (differential strength type). SSDs complying with the requirements of this document may be declared as "in conformity with EN 14382" and bear the mark "EN 14382". The material and functional requirements specified in this document may be applied to SSDs which use thermal energy or the effects of electrical energy to trip the operation of the closing member. For these SSDs the operational parameters are not specified in this document. The SSD may incorporate a vent limiter, complying with the requirements in Annex J. This standard for some paragraphs and sub clauses makes full reference to prEN 334:2016. This document does not apply to: - SSDs upstream from/on/in domestic gas-consuming appliances which are installed downstream of domestic gas meters; - SSDs designed to be incorporated into pressure-regulating devices used in service lines with volumetric flow rate ≤ 200 m3/h at normal conditions and inlet pressure ≤ 5 bar. Continued integrity of safety shut-off devices is ensured by periodic functional checks. For periodic functional checks it is common to refer to national regulations/standards where existing or users/manufacturers practices. This document considers the reaction of the SSDs functional class A to the specified reasonable expected failures in terms of "fail close" behaviour, but it should be consider that there are other types of failures whose consequences cannot bring to the same reactions (these risks are covered via redundancy as per EN 12186) and that residual hazards should be reduced by a suitable surveillance in use / maintenance. In this document, both safety shut-off devices that can be classified as "safety accessories" by themselves according the Pressure Equipment Directive (2014/68/EU) as well as safety shut-off devices that can be used to provide the necessary pressure protection through redundancy (e.g. shutoff device integrated in a pressure regulator, shut-off device with a second shut-off device) are considered. Addition of environmental considerations; The provisions in this document are in line with the state of art at the moment of writing. This document does not intend to limit the improvement of actual provisions (materials, requirements, test methods, acceptance criteria, etc.) or the developing of new provisions for SSDs where they are suitable to ensure an equivalent level of reliability.

Keel: en
Alusdokumendid: EN 14382:2019+A1:2024
Asendab dokumenti: EVS-EN 14382:2019

EVS-EN 334:2019+A1:2024

Gaasirõhuregulaatorid sisendrõhule kuni 10 MPa (100 baari)
Gas pressure regulators for inlet pressure up to 10 MPa (100 bar)

This European Standard specifies constructional, functional, testing, marking, sizing and documentation requirements of gas pressure regulators: - for inlet pressures up to 100 bar and nominal diameters up to DN 400; - for an operating temperature range

from - 20 °C to +60 °C, which operate with fuel gases of the 1st and 2nd family as defined in EN 437:2003+A1:2009, used in the pressure regulating stations in accordance with EN 12186 or EN 12279, in transmission and distribution networks and also in commercial and industrial installations. "Gas pressure regulators" hereafter will be called "regulators" except in the titles. For standard regulators when used in pressure regulating stations complying with EN 12186 or EN 12279, the Annex ZA lists all applicable essential safety requirements of the European legislation on pressure equipment except external and internal corrosion resistance for applications in corrosive environment. This document considers the following temperature classes/types of regulators: - temperature class 1: operating temperature range from −10 °C to 60 °C; - temperature class 2: operating temperature range from −20 °C to 60 °C; - type IS: (integral strength type); - type DS: (differential strength type). This document applies to regulators which use the pipeline gas as a source of control energy unassisted by any external power source. The regulator may incorporate a second regulator, used as monitor, complying with the requirements in this document. The regulator may incorporate a safety shut off device (SSD) complying with the requirements of EN 14382. The regulator may incorporate a creep (venting) relief device, complying with the requirements in Annex E and/or a vent limiter, complying with the requirements in Annex I. This document does not apply to: - regulators upstream from/on/in domestic gas-consuming appliances which are installed downstream of domestic gas meters; - regulators designed to be incorporated into pressure control systems used in service lines) with volumetric flow rate ≤ 200 m3/h at normal conditions and inlet pressure ≤ 5 bar; - regulators for which a specific document exists (e.g. EN 88-1 and EN 88-2, etc.); - industrial process control valves in accordance with EN 1349. The normative Annex G of this document lists some suitable materials for pressure bearing parts, inner metallic partition walls, auxiliary devices, integral process and sensing lines, connectors and fasteners. Other materials may be used when complying with the restrictions given in Table 5. Continued integrity of gas pressure regulators is ensured by suitable surveillance checks and maintenance. For periodic functional checks and maintenance it is common to refer to national regulations/standards where existing or users/manufacturers practices. This document has introduced the reaction of the pressure regulators to the specified reasonable expected failures in terms of "fail close" and "fail open" pressure regulator types, but it should be considered that there are other types of failures whose consequences can bring to the same reactions (these risks are covered via redundancy as per EN 12186) and that residual hazards will be reduced by a suitable surveillance in use / maintenance. In this document, both pressure regulators that can be classified as "safety accessories" by themselves (monitors) according to European legislation on pressure equipment as well as regulators that can be used to provide the necessary pressure protection through redundancy (e.g. pressure regulator with integrated safety shut-off device, pressure regulator + in-line monitor, pressure regulator + safety shut off device) are considered. The provisions in this document are in line with the state of art at the moment of writing.

Keel: en
Alusdokumendid: EN 334:2019+A1:2024
Asendab dokumenti: EVS-EN 334:2019

25 TOOTMISTEHNOLOOGIA

EVS-EN 17942:2024

Keevitus ja sellega seotud protsessid. Gaaskeevitusseadmed. Ohutusnõuded lahtise hapnikugaasiga leegiga termoprotsessiseadmetele
Welding and allied processes - Gas welding equipment - Safety requirements for thermoprocess equipment with open firing oxy-fuel gas welding equipment

This document, together with EN 746-1, EN 746-2 and EN 746-11, specifies the safety requirements for industrial thermoprocessing equipment (IThE) with "Open firing oxy-fuel gas welding equipment", as well as the relevant gas distribution and protective systems. This document applies to IThE supplied with fuel gases. IThE in the scope of application of this document shall be able to be operated under the following ambient conditions: - temperature range; - during operation: +5°C to +40°C; - during transportation and storage: -5°C to +55°C; - relative humidity: up to 90% at 20°C, non-condensing. This document covers the significant hazards, hazardous situations and events listed in Appendix A for oxy-fuel IThE, associated gas supply systems and protective systems on the basis that they are used as intended and under the conditions specified by the manufacturer. This document applies to: - gas distribution system, beginning in the direction of flow with the manually isolation main shut-off valve at the inlet of the thermoprocessing equipment; - burner, burner assembly and ignition devices, open firing; - Safety control system (protective system). This document is applicable to all types of combustion of fuel gases with atmospheric air, compressed air or oxygen. This document also includes necessary requirements for user information. This document does not apply to manual burners, systems for flame spraying and micro soldering torches. This document does not apply to systems for welding, cutting and associated processes using plasma and laser technology. This document does not cover the hazards arising as a result of the release of flammable substances from the products processed in the IThE. This document is not applicable to electrical wiring and heavy-current wiring connected upstream of the IThE control cabinet/control panel/protective system. Noise and optical radiation can cause significant hazards when using gas welding equipment. These are not covered in this document. This document is not applicable to oxy-fuel IThE, associated gas supply systems and protective systems manufactured before the date of publication of this document in the Official Journal of the EU.

Keel: en
Alusdokumendid: EN 17942:2024

EVS-EN IEC 62381:2024

Automation systems in the process industry - Factory acceptance test (FAT), site acceptance test (SAT), and site integration test (SIT)

IEC 62381:2024 defines requirements and checklists for the factory acceptance test (FAT), the factory integration test (FIT), the site acceptance test (SAT), and the site integration test (SIT). These tests are carried out to demonstrate that the automation system meets the requirements of the applicable specification. This document provides a means for all parties, including the owner, the buyer, and the vendor, to clearly establish and agree on the scope of activities and responsibilities involved in performing these tests in order to achieve a timely delivery and acceptance of the automation system. The activities specified in this document can be used to develop test plans adapted to the specific requirements of the process/plant/equipment. The annexes of this document contain checklists which are available for consideration when preparing specific test procedures and documentation for a specific automation system. This edition includes the following significant technical changes with respect to

the previous edition: a) General re-organization of the standard; b) Current technology incorporated; c) Optional factory integration test (FIT) added; d) Replaced the forms in the annexes with detailed checklists of activities which can be used to develop project-specific test plans; and e) Provided additional references to other applicable standards.

Keel: en
Alusdokumendid: IEC 62381:2024; EN IEC 62381:2024
Asendab dokumenti: EVS-EN 62381:2012

EVS-EN IEC 62382:2024

Control systems in the process industry - Electrical and instrumentation loop check

IEC 62382:2024 defines procedures and specifications for loop check, which comprises the activities between the completion of the loop construction (including installation and point-to-point checks) and the beginning of cold commissioning. This document is applicable for the construction of new plants and for expansion or retrofits (i.e. revamping) of electrical and instrument (E&I) installations in existing plants (including PLC, DCS, panel-mounted and field instrumentation). It does not include a detailed checkout of power distribution systems, except as they relate to the loops being checked (i.e. a motor starter or a power supply to a four-wire transmitter). Loop checks can be performed throughout the lifecycle of the plant. This document is also applicable when loop checks are performed after commissioning. This document describes what is intended to be tested but not how the test is performed, due to the wide range of technologies and equipment available. The intent of this document is to provide a means for all parties, including the owner, the installer and the vendor, to clearly establish and agree on the scope of activities and responsibilities involved in performing these tests in order to achieve a timely delivery and acceptance of the automation system. The activities described in this document can be taken as a guideline and adapted to the specific requirements of the process, plant or equipment. This edition includes the following significant technical changes with respect to the previous edition: a) general re-organization of the content of the previous edition, moving informative content to the annexes; b) replacing the forms based on I/O type in IEC 62382:2012, Annex A to Annex E with an example of a generic loop check form; c) providing additional references to other applicable standards.

Keel: en
Alusdokumendid: IEC 62382:2024; EN IEC 62382:2024
Asendab dokumenti: EVS-EN 62382:2013

EVS-EN IEC 62443-2-1:2024

Security for industrial automation and control systems - Part 2-1: Security program requirements for IACS asset owners

IEC 62443-2-1:2024 specifies asset owner security program (SP) policy and procedure requirements for an industrial automation and control system (IACS) in operation. This document uses the broad definition and scope of what constitutes an IACS as described in IEC TS 62443-1-1. In the context of this document, asset owner also includes the operator of the IACS. This document recognizes that the lifespan of an IACS can exceed twenty years, and that many legacy systems contain hardware and software that are no longer supported. Therefore, the SP for most legacy systems addresses only a subset of the requirements defined in this document. For example, if IACS or component software is no longer supported, security patching requirements cannot be met. Similarly, backup software for many older systems is not available for all components of the IACS. This document does not specify that an IACS has these technical requirements. This document states that the asset owner needs to have policies and procedures around these types of requirements. In the case where an asset owner has legacy systems that do not have the native technical capabilities, compensating security measures can be part of the policies and procedures specified in this document. This edition includes the following significant technical changes with respect to the previous edition: a) revised requirement structure into SP elements (SPEs), b) revised requirements to eliminate duplication of an information security management system (ISMS), and c) defined a maturity model for evaluating requirements.

Keel: en
Alusdokumendid: IEC 62443-2-1:2024; EN IEC 62443-2-1:2024

EVS-EN IEC 63082-2:2024

Intelligent device management - Part 2: Requirements and recommendations

IEC 63082-2:2024 specifies requirements and recommendations for establishing and maintaining intelligent device management (IDM) as outlined in IEC TR 63082-1 in an enterprise having one or more facilities. The following topics are included in the scope of this document: - optimizing functionality and performance of intelligent devices for their use; - managing information related to IDM; - integrating intelligent devices into industrial automation and control systems (IACS) in facilities; - exchanging information between stakeholders that achieve and sustain IDM; - coordinating multiple asynchronous IDM life cycles. The following topics are outside the scope of this document: - defining and determining the function and performance of intelligent devices; - defining and specifying technologies and tools that provide, preserve and manage information related to IDM such as FDT, FDI, portable on-line and off-line tools, configuration tools, historians, and maintenance planning tools; - defining and specifying technologies and tools that are used to design intelligent devices; - defining and specifying communication network architecture, communication technologies, cybersecurity requirements, and network management requirements.

Keel: en
Alusdokumendid: IEC 63082-2:2024; EN IEC 63082-2:2024

EVS-EN IEC 63303:2024

Human machine interfaces for process automation systems

IEC 63303:2024 defines general structures and functions of HMI systems. An HMI life cycle example for HMI systems is included. This document specifies requirements and recommendations for activities in each stage of the life cycle including designing, using, and maintaining the HMI system. It also provides requirements and recommendations for functions and performance of HMI systems. The requirements and recommendations in this document are applicable to any controlled process using an HMI to

interface to a control system. There can be differences in implementation to meet the specific needs based on the application and controlled process type.

Keel: en
Alusdokumendid: IEC 63303:2024; EN IEC 63303:2024

EVS-EN ISO 15614-5:2024

Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Keevitusprotseduuri katse. Osa 5: Titaani, tsirkooniumi ja nende sulamite kaarkeevitus
Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 5: Arc welding of titanium, zirconium and their alloys (ISO 15614-5:2024)

This document specifies how a preliminary welding procedure specification (pWPS) is qualified by welding procedure tests. This document specifies the conditions for the execution of welding procedure tests and the qualification range for welding procedures for all practical welding operations within the range of variables listed in Clause 8. This document specifies the required tests. Additional tests can be required by application standards. This document applies to the arc welding of titanium, zirconium and their alloys in all product forms. Arc welding is covered by the following processes in accordance with ISO 4063: 131 – metal inert gas welding, MIG welding; 14 – tungsten inert gas welding, TIG welding; 15 – plasma arc welding. The principles of this document can be applied to other fusion welding processes.

Keel: en
Alusdokumendid: ISO 15614-5:2024; EN ISO 15614-5:2024
Asendab dokumenti: EVS-EN ISO 15614-5:2004

EVS-EN ISO 7287:2002/A1:2024

Termolõikamisseadmete graafilised tingmärgid
Graphical symbols for thermal cutting equipment - Amendment 1 (ISO 7287:2002/Amd 1:2024)

Amendment to EN ISO 7287:2002

Keel: en
Alusdokumendid: ISO 7287:2002/Amd 1:2024; EN ISO 7287:2002/A1:2024
Muudab dokumenti: EVS-EN ISO 7287:2002

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN/TR 12952-17:2024

Water-tube boilers and auxiliary installations - Part 17: Guideline for the involvement of an inspection body independent of the manufacturer

This document gives guidance for the involvement of an inspection body independent of the manufacturer of shell boilers as defined in EN 12952-1.

Keel: en
Alusdokumendid: CEN/TR 12952-17:2024
Asendab dokumenti: CR 12952-17:2002

29 ELEKTROTEHNIKA

EVS-EN 60400:2017/A2:2024

Lambipesad torukujulistele luminofoorlampidele ja süüturipesad
Lampholders for tubular fluorescent lamps and starterholders

Amendment to EN 60400:2017

Keel: en
Alusdokumendid: IEC 60400:2017/AMD2:2022; EN 60400:2017/A2:2024
Muudab dokumenti: EVS-EN 60400:2017

EVS-EN IEC 61084-1:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 1: Üldnõuded
Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements

This part 1 of the EN IEC 61084 series specifies general requirements and tests for cable trunking systems (CTS) and cable ducting systems (CDS) intended for the accommodation, and where necessary for the electrically protective separation, of insulated conductors, cables and possibly other electrical equipment in electrical and/or communication systems installations. The maximum voltage of these installations is 1 000 V AC and 1 500 V DC.

Keel: en
Alusdokumendid: IEC 61084-1:2017; EN IEC 61084-1:2024
Asendab dokumenti: EVS-EN 50085-1:2005
Asendab dokumenti: EVS-EN 50085-1:2005/A1:2013

EVS-EN IEC 61084-1:2024/A11:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 1: Üldnõuded
Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements

Common modifications for the adoption as a European Standard of IEC 61084-1:2017 ed 2.0

Keel: en
Alusdokumendid: EN IEC 61084-1:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 61084-1:2024

EVS-EN IEC 61084-2-1:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-1: Erinõuded. Seinale ja lakke paigaldatavad avatavad ja kinnised karbiksüsteemid
Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

This part 2-1 of the EN IEC 61084 series specifies particular requirements and tests for cable trunking systems (CTS) and cable ducting systems (CDS) intended for intended for mounting on walls and ceilings. They can be embedded, installed in a flush or semi-flush state, surface mounted or mounted away from the surface using fixing devices

Keel: en
Alusdokumendid: IEC 61084-2-1:2017; EN IEC 61084-2-1:2024
Asendab dokumenti: EVS-EN 50085-2-1:2006
Asendab dokumenti: EVS-EN 50085-2-1:2006/A1:2011

EVS-EN IEC 61084-2-1:2024/A11:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-1: Erinõuded. Seinale ja lakke paigaldatavad avatavad ja kinnised karbiksüsteemid
Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

Common modifications for the adoption as a European Standard of IEC 61084-2-1:2017

Keel: en
Alusdokumendid: EN IEC 61084-2-1:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 61084-2-1:2024

EVS-EN IEC 61084-2-2:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-2: Erinõuded. Põrandaalused, põrandasse süvistatud või põrandapealsed avatavad ja kinnised karbiksüsteemid
Cable trunking systems and cable ducting systems for electrical installations - Part 2-2: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

This part 2-2 of the EN IEC 61084 series specifies particular requirements and tests for cable trunking systems (CTS) and cable ducting systems (CDS) intended for mounting underfloor, flushfloor or onfloor.

Keel: en
Alusdokumendid: IEC 61084-2-2:2017; EN IEC 61084-2-2:2024
Asendab dokumenti: EVS-EN 50085-2-2:2008

EVS-EN IEC 61084-2-2:2024/A11:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-2: Erinõuded. Põrandaalused, põrandasse süvistatud või põrandapealsed avatavad ja kinnised karbiksüsteemid
Cable trunking systems and cable ducting systems for electrical installations - Part 2-2: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

Common modifications for the adoption as a European Standard of IEC 61084-2-2:2017

Keel: en
Alusdokumendid: EN IEC 61084-2-2:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 61084-2-2:2024

EVS-EN IEC 61084-2-3:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-3: Erinõuded. Soontega avatavad karbiksüsteemid, mis on mõeldud paigaldamiseks korpusesse
Cable trunking systems and cable ducting systems for electrical installations - Part 2-3: Particular requirements - Slotted cable trunking systems intended for installation in cabinets

This part 2-3 of the EN IEC 61084 series specifies particular requirements and tests slotted cable trunking systems intended for mounting inside cabinets in electrical and/or communication system installations.

Keel: en
Alusdokumendid: EN IEC 61084-2-3:2024; IEC 61084-2-3:2017
Asendab dokumenti: EVS-EN 50085-2-3:2010

EVS-EN IEC 61084-2-3:2024/A11:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-3: Erinõuded. Soontega avatavad karbiksüsteemid, mis on mõeldud paigaldamiseks korpusesse
Cable trunking systems and cable ducting systems for electrical installations - Part 2-3: Particular requirements - Slotted cable trunking systems intended for installation in cabinets

Common modifications for the adoption as a European Standard of IEC 61084-2-3:2017

Keel: en
Alusdokumendid: EN IEC 61084-2-3:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 61084-2-3:2024

EVS-EN IEC 61084-2-4:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-4: Erinõuded. Kaablikaevud ja hoolduspunktid
Cable trunking systems and cable ducting systems for electrical installations - Part 2-4: Particular requirements - Service poles and service posts

This part 2-4 of the EN IEC 61084 series specifies particular requirements and tests for service poles and service posts intended to be mounted in free space and in contact with mounting surface(s) only at one or two ends, where the word "mounted" means fixed or placed on the floor with a weighted base or linked to a mounting surface through a flexible component.

Keel: en
Alusdokumendid: IEC 61084-2-4:2017; EN IEC 61084-2-4:2024
Asendab dokumenti: EVS-EN 50085-2-4:2009

EVS-EN IEC 61084-2-4:2024/A11:2024

Elektripaigaldiste avatavad ja kinnised kaablikarbiksüsteemid. Osa 2-4: Erinõuded. Kaablikaevud ja hoolduspunktid
Cable trunking systems and cable ducting systems for electrical installations - Part 2-4: Particular requirements - Service poles and service posts

Common modifications for the adoption as a European Standard of IEC 61084-2-4:2017

Keel: en
Alusdokumendid: EN IEC 61084-2-4:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 61084-2-4:2024

EVS-EN IEC 61960-4:2024

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

IEC 61960-4:2024 specifies performance tests, designations, markings, dimensions and other requirements for coin secondary lithium cells and batteries for portable applications, watches, and backup power supply such as memory backup applications. In particular, watch-specific requirements are specified in Annex A. This document provides purchasers and users of coin secondary lithium cells and batteries with a set of criteria with which they can assess the performance of coin secondary lithium cells and batteries offered by various manufacturers. This document defines a minimum required level of performance and a standardized methodology by which testing is performed and the results of this testing are reported to the user. This document covers coin secondary lithium cells and batteries with a range of chemistries. Each electrochemical couple has a characteristic voltage range over which, during discharge, it releases its electrical capacity, a characteristic nominal voltage and a characteristic end-of-discharge voltage. Users of coin secondary lithium cells and batteries are requested to consult the manufacturer for advice. This document also provides guidelines for designers of equipment using lithium batteries (voir l'Annexe B).

Keel: en
Alusdokumendid: IEC 61960-4:2024; EN IEC 61960-4:2024
Asendab dokumenti: EVS-EN IEC 61960-4:2020

31 ELEKTROONIKA

EVS-EN IEC 60384-8:2024

Fixed capacitors for use in electronic equipment - Part 8: Sectional specification - Fixed capacitors of ceramic dielectric, Class 1

IEC 60384-8:2024 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface mount multilayer capacitors of ceramic dielectric, which are covered by IEC 60384-21 (Class 1). Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. The object of this document is to specify preferred ratings and characteristics and to select from IEC 60384-1:2021, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this document provide specific test severities and requirements of an equal or higher performance level. Further information on the conception of generic, sectional and detail specifications can be found in the Introduction of IEC 60384-1:2021. This edition includes the following significant technical changes with respect to the previous edition: a) The document has been completely restructured to comply with ISO/IEC Directives, Part 2 and to make it more useable; tables, figures and references have been revised accordingly. Annex X contains all cross-references of changes in clause/subclause numbers. b) The terms have been replaced by the letter symbols in Table 3. c) Code of temperature coefficient and tolerance of C0G, U2J have been added in Table 4, Table 6, Table 8, Table 9, Table 11, Table 13, Table 16 and Annex B. d) Annex B has been changed from informative to normative. e) Clause C.5 (Test schedule for quality conformance inspection) has been newly added to withdraw the blank detail specification: IEC 60384-8-1.

Keel: en
Alusdokumendid: IEC 60384-8:2024; EN IEC 60384-8:2024
Asendab dokumenti: EVS-EN 60384-8:2015
Asendab dokumenti: EVS-EN 60384-8:2015/AC:2017

EVS-EN IEC 60384-9:2024

Fixed capacitors for use in electronic equipment - Part 9: Sectional specification - Fixed capacitors of ceramic dielectric, Class 2

IEC 60384-9:2024 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 2), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface mount multilayer capacitors of ceramic dielectric, which are covered by IEC 60384-22 (Class 2). Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. The object of this document is to specify preferred ratings and characteristics and to select from IEC 60384-1:2021 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this document provide specific test severities and requirements of an equal or higher performance level. Further information on the conception of generic, sectional and detail specifications can be found in the Introduction of IEC 60384-1:2021. This edition includes the following significant technical changes with respect to the previous edition: a) The document has been completely restructured to comply with ISO/IEC Directives, Part 2 and to make it more useable; tables, figures and references have been revised accordingly. Annex X contains all cross-references of changes in clause/subclause numbers. b) The requirements of reference temperature 25 °C have been added in Table 7, Table 9, Table 11, Table 13 and Table 15. c) The table of temperature characteristics of capacitance for the reference temperature 25 °C have been added in Table B.1, Table B.2 and Table B.3. d) Annex B has been changed from informative to normative. e) Clause C.5 (Test schedule for quality conformance inspection) has been newly added to withdraw the blank detail specification: IEC 60384-9-1.

Keel: en
Alusdokumendid: IEC 60384-9:2024; EN IEC 60384-9:2024
Asendab dokumenti: EVS-EN 60384-9:2015

33 SIDETEHNIKA

EVS-EN 300 019-2-7 V3.1.1:2024

Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests; Sub-part 7: Portable and non-stationary use

The present document specifies test methods and severities for the verification of the required resistibility of telecommunication equipment according to the relevant environmental class. The tests defined in the present document apply to portable and non-stationary use of equipment, covering the environments stated in ETSI EN 300 019-1-7.

Keel: en
Alusdokumendid: ETSI EN 300 019-2-7 V3.1.1

EVS-EN 303 645 V3.1.3:2024

CYBER; Cyber Security for Consumer Internet of Things: Baseline Requirements

The present document specifies high-level security and data protection provisions for consumer IoT devices that are connected to network infrastructure (such as the Internet or home network) and their interactions with associated services. A non-exhaustive list of examples of consumer IoT devices includes: • connected children's toys and baby monitors; • connected smoke detectors, door locks and window sensors; • IoT gateways, base stations and hubs to which multiple devices connect; • smart cameras, smart speakers and smart TVs together with their remote controls; • wearable health trackers; • connected home automation and alarm systems, especially their gateways and hubs; • connected appliances, such as washing machines and fridges; and • smart home assistants. Moreover, the present document addresses security considerations specific to constraints in device resources.

EXAMPLE: Typical device resources that might constrain the security capabilities are energy supply, communication bandwidth, processing power or (non-)volatile memory capacity. The present document provides basic guidance through examples and explanatory text for organizations involved in the development and manufacturing of consumer IoT on how to implement those provisions. Table B.1 provides a schema for the reader to give information about the implementation of the provisions. Devices that are not consumer IoT devices, for example those that are primarily intended to be used in manufacturing, ealthcare or other industrial applications, are not in scope of the present document. The present document has been developed primarily to help protect consumers, however, other users of consumer IoT equally benefit from the implementation of the provisions set out here. Annex A (informative) of the present document has been included to provide context to clauses 4, 5 and 6 (normative). Annex A contains examples of device and reference architectures and an example model of device states including data storage for each state.

Keel: en
Alusdokumendid: ETSI EN 303 645 V3.1.3

EVS-EN IEC 61000-2-4:2024

Electromagnetic compatibility (EMC) - Part 2-4: Environment - Compatibility levels in power distribution systems in industrial locations for low-frequency conducted disturbances

This part of IEC 61000 is related to conducted disturbances in the frequency range from 0 kHz to 150 kHz. It gives compatibility levels for industrial locations, with a nominal voltage up to 35 kV and a nominal frequency of 50 Hz or 60 Hz. NOTE 1 Industrial locations are defined in 3.1.8. Power distribution systems on ships, aircraft, offshore platforms and railways are not included. NOTE 2 See also Annex E. The compatibility levels specified in this standard apply at the in-plant point of coupling (IPC). The level of the low-frequency disturbances at the terminals of equipment receiving its supply from the IPC is generally assumed to be similar to the disturbance level at the IPC itself. However, in some situations this is not the case, particularly when a long feeder is dedicated to the supply of a particular load, or when a disturbance is generated or amplified within the installation of which the equipment forms a part. Compatibility levels are specified for the types of low-frequency electromagnetic disturbances expected at any in-plant point of coupling (IPC) within industrial locations, for guidance in the definition of: a) limits for disturbance emissions in industrial power distribution systems (including the planning levels defined in 3.1.5); NOTE 3 A very wide range of conditions is possible in the electromagnetic environments of industrial networks. These are approximated in this standard by the three classes described in Clause 4. However, it is the responsibility of the operator of such a network to take account of the particular electromagnetic and economic conditions, including equipment characteristics, in setting the above-mentioned limits. b) immunity levels for the equipment within these systems. The disturbance phenomena considered are: – voltage deviations; – voltage dips and short interruptions; – voltage imbalance; – power-frequency variations; – harmonics up to order 40; – interharmonics up to the 40th harmonic; – voltage components above the 40th harmonic up to 150 kHz; – d.c. component; – transient overvoltages. The compatibility levels are given for different classes of environment determined by the characteristics of the supply network and loads. NOTE 4 Compatibility levels at the point of common coupling (PCC) on public networks are specified in IEC 61000-2-2 for low-voltage networks and IEC 61000-2-12 for medium-voltage networks. Technical reports IEC 61000-3-6 and IEC 61000-3-7 describe the approach of power distribution system operators to the limitation of emissions from installations and large loads.

Keel: en
Alusdokumendid: EN IEC 61000-2-4:2024; IEC 61000-2-4:2024
Asendab dokumenti: EVS-EN 61000-2-4:2002

35 INFOTEHNOLOOGIA

CEN/TR 18093:2024

Framework and Implementation of Common Data Environment solutions and workflow, in accordance with EN ISO 19650

This New Work Item will extend the basic information given in the EN ISO19650 and in the "Guidance to EN ISO 19650". It will detail and structure the concept of a Common Data Environment (CDE) as a workflow for the collaborative process of managing the information and information containers as solutions that fit to the management and project processes inherent for BIM It may be necessary to introduce further concept details as elements for understanding and implementation. Archiving and versioning of information containers can become very complex when considering various typical information situations of a project. Further elements, rules and terminology for information management and digitisation may need to be explained and technically framed in the context of a CDE. It will be a large advantage developing at the same time the "Open API for CDE" in TC442 WG2 In particular this Work Item will describe - how to link a CDE according to EN ISO 19650 to an already existing Asset Management Systems of the Asset Owner. - how to maintain and manage "living documents" like Information Models (AIM, PIM) - how to maintain, exchange and manage Information Requirements like (OIR, AIR, EIR) as well as BIM Execution Plans (BEP) - how to use and implement Information Delivery Plans for the above entities (MIDP and TIDP in ISO 19650) - how to manage and collaborate between various Information Containers like models, requirements, container states - how to support Process Workflow by a CDE based on the IDM concept It will simply have to describe how to provide "Common Data Environment" throughout the whole life cycle (horizontal aspect) and throughout the spectrum of management levels and stakeholders (vertical aspect). In the work item proposed here, all important terms, processes and targets are to be expanded around the CDE concept. Relations to already existing normatives will be given. Informative attachments such as templates and examples could be provided to the benefit of planner, supplier and operator as further guidelines.

Keel: en
Alusdokumendid: CEN/TR 18093:2024

CEN/TR 18108:2024

Personal identification - Usage of biometrics in breeder documents

This document provides guidance on usage of biometrics in breeder documents, in particular regarding - encoding of biometric reference data; - data quality maintenance for biometric reference data; - data authenticity maintenance for biometric reference data; and - privacy preservation of biometric reference data. This document addresses advantages and disadvantages of biometric

modes, in particular regarding - verification performance; - privacy impact; - feasibility of biometric acquisition considering the age of the capture subjects; - limits of validity and need for updating biometric reference data. The following aspects are out of scope: - format and structure of breeder documents; - general security aspects, which are covered in CEN/TS 17489-1 [1].

Keel: en
Alusdokumendid: CEN/TR 18108:2024

EVS-EN IEC 62443-2-1:2024

Security for industrial automation and control systems - Part 2-1: Security program requirements for IACS asset owners

IEC 62443-2-1:2024 specifies asset owner security program (SP) policy and procedure requirements for an industrial automation and control system (IACS) in operation. This document uses the broad definition and scope of what constitutes an IACS as described in IEC TS 62443-1-1. In the context of this document, asset owner also includes the operator of the IACS. This document recognizes that the lifespan of an IACS can exceed twenty years, and that many legacy systems contain hardware and software that are no longer supported. Therefore, the SP for most legacy systems addresses only a subset of the requirements defined in this document. For example, if IACS or component software is no longer supported, security patching requirements cannot be met. Similarly, backup software for many older systems is not available for all components of the IACS. This document does not specify that an IACS has these technical requirements. This document states that the asset owner needs to have policies and procedures around these types of requirements. In the case where an asset owner has legacy systems that do not have the native technical capabilities, compensating security measures can be part of the policies and procedures specified in this document. This edition includes the following significant technical changes with respect to the previous edition: a) revised requirement structure into SP elements (SPEs), b) revised requirements to eliminate duplication of an information security management system (ISMS), and c) defined a maturity model for evaluating requirements.

Keel: en
Alusdokumendid: IEC 62443-2-1:2024; EN IEC 62443-2-1:2024

EVS-EN ISO/IEC 27005:2024

Infoturve, küberturve ja privaatsuskaitse. Infoturvariskide haldamise juhend
Information security, cybersecurity and privacy protection - Guidance on managing information security risks (ISO/IEC 27005:2022)

See dokument annab juhiseid organisatsioonide abistamiseks — infoturvariskide käsitlemise toiminguid puudutavate standardi ISO/IEC 27001 nõuete täitmisel; — infoturvariski halduse tegevuste, eriti infoturvariski kontrolli ja käsitluse sooritamisel. See dokument on kohaldatav kõigis organisatsioonides sõltumata nende tüübist, suurusest või majandussektorist.

Keel: en, et
Alusdokumendid: ISO/IEC 27005:2022; EN ISO/IEC 27005:2024
Asendab dokumenti: EVS-ISO/IEC 27005:2024

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 17860-2:2024

Carrier Cycles - Part 2: Lightweight single track carrier cycles - Mechanical aspects

This document is applicable to single track carrier cycles with or without electric assistance and a maximum gross vehicle weight of: — 300 kg in case the manufacturer defines the carrier cycle to be intended for both private and commercial use; or — 250 kg in case the manufacturer defines the carrier cycle to be intended for solely private use. NOTE Requirements for electrical power assisted carrier cycles are be covered in part 5 of this standard series.

Keel: en
Alusdokumendid: EN 17860-2:2024

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 15085:2024

Väikelaevad. Üle parda kukkumise vältimise ja tagasi pardale saamise vahendid
Small craft - Protection from falling overboard and means of reboarding (ISO 15085:2024)

This document specifies the design as well as the construction and strength requirements for safety devices and arrangements intended to minimize the risk of persons falling overboard, and requirements to facilitate reboarding from the water, unaided, on small craft. This document is applicable to the risk of falling overboard and does not apply to falling within the limits of the deck zone. This document includes the use of toe straps for hiking out on small sailing boats, but it does not apply to the use of trapezes or similar devices that are designed to allow crew to operate sailing boats with their bodies entirely outside the periphery of the craft. This document does not apply to the following small craft types: — canoes, kayaks; — personal watercraft including powered surfboards.

Keel: en
Alusdokumendid: ISO 15085:2024; EN ISO 15085:2024
Asendab dokumenti: EVS-EN ISO 15085:2004
Asendab dokumenti: EVS-EN ISO 15085:2004/A2:2018

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-ISO 1496-1:2014/A2:2024

1. seeria veokonteinerid. Andmed ja katsetamine. Osa 1: Üldotstarbelised kaubakonteinerid. Muudatus 2
Series 1 freight containers — Specification and testing — Part 1: General cargo containers for general purposes — Amendment 2 (ISO 1496-1:2013/Amd 2:2024, identical)

Standardi EVS-ISO 1496-1:2014 muudatus

Keel: en
Alusdokumendid: ISO 1496-1:2013/Amd 2:2024
Muudab dokumenti: EVS-ISO 1496-1:2014

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 2411:2024

Rubber- or plastics-coated fabrics - Determination of coating adhesion (ISO 2411:2023)

This document specifies a method of determining the coating adhesion strength of coated fabrics.

Keel: en
Alusdokumendid: ISO 2411:2024; EN ISO 2411:2024
Asendab dokumenti: EVS-EN ISO 2411:2017

65 PÕLLUMAJANDUS

EVS-EN 16156:2024

Sigaretid. Süütamisvõime hindamine. Ohutusnõue
Cigarettes - Assessment of the ignition propensity - Safety requirement

This document specifies the fire safety requirement for cigarettes.

Keel: en
Alusdokumendid: EN 16156:2024
Asendab dokumenti: EVS-EN 16156:2010

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 17174:2024

Molecular biomarker analysis - DNA barcoding of fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments (ISO 17174:2024)

This document specifies a method for the identification of single fish and fish fillets to the level of genus or species. It allows the identification of a large number of commercially important fish species using DNA barcoding. This method was validated on raw fish. Laboratory experience indicates additional applicability to processed fish products (e.g. cold smoked, hot smoked, salted, frozen, cooked, fried and deep-fried samples). The described method is usually unsuitable for the analysis of highly processed foods (e.g. tins of fish with highly degraded DNA where the fragment lengths are not sufficient for amplification of the targets). Furthermore, it does not apply to complex fish products containing mixtures of two or more fish species. The identification of fish species is carried out by PCR amplification of either a segment of the mitochondrial cytochrome b gene (cytb) or the cytochrome c oxidase I gene (cox1, syn COI), or both, followed by sequencing of the PCR products and subsequent sequence comparison with entries in databases.

Keel: en
Alusdokumendid: ISO 17174:2024; EN ISO 17174:2024
Asendab dokumenti: CEN/TS 17303:2019

EVS-EN ISO 712-2:2024

Cereals and cereal products - Determination of moisture content - Part 2: Automatic drying oven method (ISO 712-2:2024)

This document specifies an automatic method for the reference method (see ISO 712-1) for the determination of moisture content of cereals and cereal products using an automatic drying oven. This document is applicable to wheat, rice (paddy, husked and milled), barley, millet (Panicum miliaceum), rye, oats, triticale, sorghum in the form of grains, milled grains, semolina and flour. The method does not apply to maize and pulses. NOTE For moisture content determination in maize, see ISO 6540, and for pulses, see ISO 24557.

Keel: en
Alusdokumendid: ISO 712-2:2024; EN ISO 712-2:2024

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16942:2024

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

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

Keel: en, et
Alusdokumendid: EN 16942:2024
Asendab dokumenti: EVS-EN 16942:2016+A1:2021

EVS-EN ISO 10427-1:2024

Oil and gas industries including lower carbon energy - Equipment for well cementing - Part 1: Casing bow-spring centralizers (ISO 10427-1:2024)

This document specifies testing, performance, and marking requirements for casing bow-spring centralizers to be used in oil and natural gas well construction. The procedures give guidance on verification testing for the manufacturer’s design, materials, and process specifications, and periodic testing to confirm the consistency of product performance. This specification is not applicable to other devices, such as rigid centralizers and cement baskets, or bow-spring centralizers used for other purposes (e.g., wireline tools, gravel pack, inner string). This document is a supplement to API Spec 10D 7th edition (2021), the requirements of which are applicable with the exceptions specified in this document.

Keel: en
Alusdokumendid: ISO 10427-1:2024; EN ISO 10427-1:2024
Asendab dokumenti: EVS-EN ISO 10427-1:2002

77 METALLURGIA

EVS-EN 10088-2:2024

Roostevabad terased. Osa 2: Üldotstarbeliste korrosioonikindlatest terastest valmistatud lehtede/plaatide ja ribade tehnilised tarnetingimused
Stainless steels - Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resistant steels for general purposes

See dokument spetsifitseerib tehnilised tarnetingimused üldotstarbelistele standard- ja eriklasside korrosioonikindlatest roostevabadest terastest kuum- või külmvaltsitud lehtedele/plaatidele ja ribadele. MÄRKUS Üldotstarbelisus sisaldab roostevabade teraste kasutamist kontaktis toiduainetega. Üldised tehnilised tarnetingimused, mis on spetsifitseeritud standardis EN 10021, rakenduvad lisaks selle dokumendi spetsifikatsioonidele, kui selles dokumendis ei ole teisiti määratud. See dokument ei kehti komponentidele, mis on valmistatud ülaltoodud tootevormide edasisel töötlemisel ja mille kvaliteediomadused on sellise edasise töötlemise tulemusena muutunud.

Keel: en, et
Alusdokumendid: EN 10088-2:2024
Asendab dokumenti: EVS-EN 10088-2:2014

EVS-EN 603-2:2024

Aluminium and aluminium alloys - Wrought forging stock - Part 2: Mechanical properties

This document, part of EN 603 series of standards, specifies the mechanical properties of wrought forging stock in aluminium and aluminium alloys for general engineering applications. The chemical composition and temper designations for these alloys are specified in EN 573 3 and EN 515 respectively.

Keel: en
Alusdokumendid: EN 603-2:2024
Asendab dokumenti: EVS-EN 603-2:2000

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 19403-2:2024

Paints and varnishes - Wettability - Part 2: Determination of the surface free energy of solid surfaces by measuring the contact angle (ISO 19403-2:2024)

This document specifies a test method to measure the contact angle for the determination of the surface free energy of a solid surface. The method can be applied for the characterization of substrates and coatings. NOTE 1 For the determination of the surface free energy of polymers and coatings, it is preferred to use either the method according to Owens, Wendt, Rabel and Kaelble or the method according to Wu. NOTE 2 The morphological and chemical homogeneity have an influence on the measuring results. The procedures indicated in this document are based on the state-of-the-art employing the drop projection

method in penumbral shadow. Other methods are not excluded. Measuring the contact angle on powders is not part of this document.

Keel: en
Alusdokumendid: ISO 19403-2:2024; EN ISO 19403-2:2024
Asendab dokumenti: EVS-EN ISO 19403-2:2020

EVS-EN ISO 19403-3:2024

Paints and varnishes - Wettability - Part 3: Determination of the surface tension of liquids using the pendant drop method (ISO 19403-3:2024)

This document specifies a test method to measure the surface tension of liquids with an optical method using the pendant drop. The method can be applied for the characterization of liquid coating materials. If applied to liquids with non-Newtonian flow behaviour (as defined in ISO 3219-1:2021, 3.22), restrictions can apply. NOTE For other methods to determine the surface tension, see e.g. EN 14370 and ISO 1409.

Keel: en
Alusdokumendid: ISO 19403-3:2024; EN ISO 19403-3:2024
Asendab dokumenti: EVS-EN ISO 19403-3:2020

EVS-EN ISO 2884-1:2024

Paints and varnishes - Determination of viscosity using rotational viscometers - Part 1: Absolute viscosity measurement with cone-plate measuring geometry at high shear rates (ISO 2884-1:2024)

This document specifies the general procedure to be followed in determining the dynamic viscosity of unpigmented coating materials, such as paints, varnishes and related products, as well as binders at a shear rate range between 9 000 s−1 and 12 000 s−1. It describes an absolute viscosity measurement with cone-plate measuring geometry at high shear rates. The measured value gives information about the resistance offered by the material to brushing, spraying and roller coating during application. The method specified in this document is suitable for all paints and varnishes whether they are Newtonian in behaviour or not. For materials containing dispersions of large particles, the measuring geometry is expected to be adapted.

Keel: en
Alusdokumendid: ISO 2884-1:2024; EN ISO 2884-1:2024
Asendab dokumenti: EVS-EN ISO 2884-1:2006

91 EHITUSMATERJALID JA EHITUS

CEN/TR 18093:2024

Framework and Implementation of Common Data Environment solutions and workflow, in accordance with EN ISO 19650

This New Work Item will extend the basic information given in the EN ISO19650 and in the "Guidance to EN ISO 19650". It will detail and structure the concept of a Common Data Environment (CDE) as a workflow for the collaborative process of managing the information and information containers as solutions that fit to the management and project processes inherent for BIM It may be necessary to introduce further concept details as elements for understanding and implementation. Archiving and versioning of information containers can become very complex when considering various typical information situations of a project. Further elements, rules and terminology for information management and digitisation may need to be explained and technically framed in the context of a CDE. It will be a large advantage developing at the same time the "Open API for CDE" in TC442 WG2 In particular this Work Item will describe - how to link a CDE according to EN ISO 19650 to an already existing Asset Management Systems of the Asset Owner. - how to maintain and manage "living documents" like Information Models (AIM, PIM) - how to maintain, exchange and manage Information Requirements like (OIR, AIR, EIR) as well as BIM Execution Plans (BEP) - how to use and implement Information Delivery Plans for the above entities (MIDP and TIDP in ISO 19650) - how to manage and collaborate between various Information Containers like models, requirements, container states - how to support Process Workflow by a CDE based on the IDM concept It will simply have to describe how to provide "Common Data Environment" throughout the whole life cycle (horizontal aspect) and throughout the spectrum of management levels and stakeholders (vertical aspect). In the work item proposed here, all important terms, processes and targets are to be expanded around the CDE concept. Relations to already existing normatives will be given. Informative attachments such as templates and examples could be provided to the benefit of planner, supplier and operator as further guidelines.

Keel: en
Alusdokumendid: CEN/TR 18093:2024

EVS-EN 1366-10:2022+A1:2024

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

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

Keel: en

Alusdokumendid: EN 1366-10:2022+A1:2024
Asendab dokumenti: EVS-EN 1366-10:2022

EVS-EN 480-6:2024

Betooni, mördi ja süstmördi keemilised lisandid. Katsemeetodid. Osa 6: Infrapunaanalüüs
Admixtures for concrete, mortar and grout - Test methods - Part 6: Infrared analysis

See dokument spetsifitseerib keemiliste lisandite identifitseerimise meetodi infrapunaanalüüsi (IP) abil.

Keel: en, et
Alusdokumendid: EN 480-6:2024
Asendab dokumenti: EVS-EN 480-6:2005

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 17842-2:2024

Playground equipment for children - Part 2: Replies to requests for interpretation of EN 1176:2017 and its parts (2020 - 2022)

The purpose of this document is to publish replies to requests for interpretations to all parts of EN 1176 which have been drafted by the interpretation panel and confirmed by CEN/TC 136/SC 1.

Keel: en
Alusdokumendid: CEN/TR 17842-2:2024

EVS-EN 15338:2024

Hardware for furniture - Strength and durability of extension elements and their components

This document specifies test methods and requirements for the strength and durability of all types of extension elements and their components for all fields of application, except table extensions. The tests consist of the application of loads, forces and velocities simulating normal functional use, as well as misuse, that can reasonably be expected to occur. With the exception of the corrosion test in 6.4, the tests are designed to evaluate properties without regard to materials, design/construction or manufacturing processes. The strength and durability tests only relate to the extension elements and the parts used for the attachment, e.g. screws. The strength and durability tests are carried out in a test frame with specified properties. The test results are only used as a guide to the performance of a piece of furniture. The test results are only valid for the extension element tested. Ageing and influences of heat and humidity are not included.

Keel: en
Alusdokumendid: EN 15338:2024
Asendab dokumenti: EVS-EN 15338:2007+A1:2010

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 19403-2:2020

Paints and varnishes - Wettability - Part 2: Determination of the surface free energy of solid surfaces by measuring the contact angle (ISO 19403-2:2017)

Keel: en
Alusdokumendid: ISO 19403-2:2017; EN ISO 19403-2:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 19403-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19403-3:2020

Paints and varnishes - Wettability - Part 3: Determination of the surface tension of liquids using the pendant drop method (ISO 19403-3:2017)

Keel: en
Alusdokumendid: ISO 19403-3:2017; EN ISO 19403-3:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 19403-3:2024
Standardi staatus: Kehtetu

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

EVS-EN 60300-3-14:2004

Dependability management - Part 3-14: Application guide - Maintenance and maintenance support

Keel: en
Alusdokumendid: IEC 60300-3-14:2004; EN 60300-3-14:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 60300-3-14:2024
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 455-1:2020+A1:2022

Ühekordselt kasutatavad meditsiinilised kindad. Osa 1: Nõuded aukude puudumisele ja selle katsetamine
Medical gloves for single use - Part 1: Requirements and testing for freedom from holes

Keel: en
Alusdokumendid: EN 455-1:2020+A1:2022
Asendatud järgmise dokumendiga: EVS-EN 455-1:2020+A2:2024
Standardi staatus: Kehtetu

EVS-EN 60601-2-54:2009

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluoroskoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-54: Particular requirements for basic safety and essential performance of X-ray equipment for radiography and radioscopy

Keel: en
Alusdokumendid: IEC 60601-2-54:2009; EN 60601-2-54:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-54:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-54:2009+A1+A2:2019
Muudetud järgmise dokumendiga: EVS-EN 60601-2-54:2009/A1:2015
Muudetud järgmise dokumendiga: EVS-EN 60601-2-54:2009/A2:2019
Standardi staatus: Kehtetu

EVS-EN 60601-2-54:2009/A1:2015

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluorokoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy

Keel: en
Alusdokumendid: IEC 60601-2-54:2009/A1:2015; EN 60601-2-54:2009/A1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-54:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-54:2009+A1+A2:2019
Standardi staatus: Kehtetu

EVS-EN 60601-2-54:2009/A2:2019

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluoroskoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy (IEC 60601-2-54:2009/A2:2018)

Keel: en, et
Alusdokumendid: EN 60601-2-54:2009/A2:2019; IEC 60601-2-54:2009/A2:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-54:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-54:2009+A1+A2:2019
Standardi staatus: Kehtetu

EVS-EN 60601-2-54:2009+A1:2015

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluoroskoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-54: Particular requirements for basic safety and essential performance of X-ray equipment for radiography and radioscopy

Keel: en, et
Alusdokumendid: IEC 60601-2-54:2009; EN 60601-2-54:2009; IEC 60601-2-54:2009/A1:2015; EN 60601-2-54:2009/A1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-54:2024
Muudetud järgmise dokumendiga: EVS-EN 60601-2-54:2009/A2:2019
Standardi staatus: Kehtetu

EVS-EN 60601-2-54:2009+A1+A2:2019

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluoroskoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy (IEC 60601-2-54:2009 + IEC 60601-2-54:2009/A1:2015 + IEC 60601-2-54:2009/A2:2018)

Keel: en, et
Alusdokumendid: IEC 60601-2-54:2009; EN 60601-2-54:2009; EN 60601-2-54:2009/A1:2015; EN 60601-2-54:2009/A2:2019; IEC 60601-2-54/Cor 1:2010; IEC 60601-2-54/Cor 2:2011; IEC 60601-2-54:2009/AMD2:2018; IEC 60601-2-54/Amd 1:2015; EVS-EN 60601-2-54:2009+A1+A2:2019/AC:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-54:2024
Parandatud järgmise dokumendiga: EVS-EN 60601-2-54:2009+A1+A2:2019/AC:2019
Standardi staatus: Kehtetu

EVS-EN 60601-2-54:2009+A1+A2:2019/AC:2019

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluoroskoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy (IEC 60601-2-54:2009 + IEC 60601-2-54:2009/A1:2015 + IEC 60601-2-54:2009/A2:2018)

Keel: et
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-54:2024
Standardi staatus: Kehtetu

EVS-EN 80601-2-58:2015

Elektrilised meditsiiniseadmed. Osa 2-58: Erinõuded silmakirurgias läätsede eemaldamisel ja vitrektoomias kasutatavate seadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery

Keel: en
Alusdokumendid: IEC 80601-2-58:2014; EN 80601-2-58:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 80601-2-58:2024
Muudetud järgmise dokumendiga: EVS-EN 80601-2-58:2015/A1:2019
Standardi staatus: Kehtetu

EVS-EN 80601-2-58:2015/A1:2019

Elektrilised meditsiiniseadmed. Osa 2-58: Erinõuded silmakirurgias läätsede eemaldamisel ja vitrektoomias kasutatavate seadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery

Keel: en
Alusdokumendid: IEC 80601-2-58:2014/A1:2016; EN 80601-2-58:2015/A1:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 80601-2-58:2024
Standardi staatus: Kehtetu

EVS-EN IEC 60601-2-46:2019

Elektrilised meditsiiniseadmed. Osa 2-46: Erinõuded operatsioonilaudade esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables

Keel: en
Alusdokumendid: IEC 60601-2-46:2016; EN IEC 60601-2-46:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-46:2024
Standardi staatus: Kehtetu

EVS-EN ISO 7199:2017

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

Keel: en
Alusdokumendid: ISO 7199:2016; EN ISO 7199:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 7199:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 7199:2017/A1:2020
Standardi staatus: Kehtetu

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)

Keel: en
Alusdokumendid: ISO 7199:2016/Amd 1:2020; EN ISO 7199:2017/A1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 7199:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 1366-10:2022

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

Keel: en
Alusdokumendid: EN 1366-10:2022
Asendatud järgmise dokumendiga: EVS-EN 1366-10:2022+A1:2024
Standardi staatus: Kehtetu

EVS-EN 16156:2010

Sigaretid. Süütamisvõime hindamine. Ohutusnõue
Cigarettes - Assessment of the ignition propensity - Safety requirement

Keel: en, et
Alusdokumendid: EN 16156:2010
Asendatud järgmise dokumendiga: EVS-EN 16156:2024
Standardi staatus: Kehtetu

EVS-EN 353-2:2002

Kukkumisvastased isikukaitsevahendid. Osa 2: Juhitavad kukkumist pidurdavad paindliku ankurdusliiniga vahendid
Personal protective equipment against falls from a height - Part 2: Guided type fall arresters including a flexible anchor line

Keel: en, et
Alusdokumendid: EN 353-2:2002

Asendatud järgmise dokumendiga: EVS-EN 353-2:2024
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14382:2019
Sisendrõhule kuni 100 baari ette nähtud gaasi turva-sulgurseadmed
Gas safety shut-off devices for inlet pressure up to 10 MPa (100 bar)

Keel: en
Alusdokumendid: EN 14382:2019
Asendatud järgmise dokumendiga: EVS-EN 14382:2019+A1:2024
Standardi staatus: Kehtetu

EVS-EN 334:2019
Gaasirõhuregulaatorid sisendrõhule kuni 10 MPa (100 baari)
Gas pressure regulators for inlet pressure up to 10 MPa (100 bar)

Keel: en
Alusdokumendid: EN 334:2019
Asendatud järgmise dokumendiga: EVS-EN 334:2019+A1:2024
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 62381:2012
Automation systems in the process industry - Factory acceptance test (FAT), site acceptance test (SAT) and site integration test (SIT)

Keel: en
Alusdokumendid: IEC 62381:2012; EN 62381:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62381:2024
Standardi staatus: Kehtetu

EVS-EN 62382:2013
Control systems in the process industry - Electrical and instrumentation loop check (IEC 62382:2012)

Keel: en
Alusdokumendid: IEC 62382:2012; EN 62382:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 62382:2024
Standardi staatus: Kehtetu

EVS-EN ISO 15614-5:2004
Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri katse. Osa 5: Titaaniumi, tsirkooniumi ja nende sulamite kaarkeevitus (ISO 15614-5:2004)
Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 5: Arc welding of titanium, zirconium and their alloys

Keel: en
Alusdokumendid: ISO 15614-5:2004; EN ISO 15614-5:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 15614-5:2024
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

CR 12952-17:2002
Water boilers and auxiliary installations - Part 17: Guideline for the involvement of an inspection body independent of the manufacturer

Keel: en
Alusdokumendid: CR 12952-17:2002
Asendatud järgmise dokumendiga: CEN/TR 12952-17:2024
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50085-1:2005
Elektripaigaldiste kaablirenni- ja kaablitorusüsteemid. Osa 1: Üldnõuded
Cable trunking systems and cable ducting systems for electrical installations Part 1: General requirements

Keel: en
Alusdokumendid: EN 50085-1:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 61084-1:2024
Muudetud järgmise dokumendiga: EVS-EN 50085-1:2005/A1:2013
Standardi staatus: Kehtetu

EVS-EN 50085-1:2005/A1:2013
Elektripaigaldiste kaablirenni- ja kaablitorusüsteemid. Osa 1: Üldnõuded
Cable trunking systems and cable ducting systems for electrical installations - Part1: General requirements

Keel: en
Alusdokumendid: EN 50085-1:2005/A1:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61084-1:2024
Standardi staatus: Kehtetu

EVS-EN 50085-2-1:2006
Elektripaigaldiste kaablirenni- ja kaablitorusüsteemid. Osa 2-1: Seinale ja lakke paigaldatavad kaablirenni- ja kaablitorusüsteemid
Cable trunking systems and cable ducting systems for electrical installations Part 2-1: Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

Keel: en
Alusdokumendid: EN 50085-2-1:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 61084-2-1:2024
Muudetud järgmise dokumendiga: EVS-EN 50085-2-1:2006/A1:2011
Standardi staatus: Kehtetu

EVS-EN 50085-2-1:2006/A1:2011
Elektripaigaldiste kaablirenni- ja kaablitorusüsteemid. Osa 2-1: Seinale ja lakke paigaldatavad kaablirenni- ja kaablitorusüsteemid
Cable trunking systems and cable ducting systems for electrical installations Part 2-1: Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

Keel: en
Alusdokumendid: EN 50085-2-1:2006/A1:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61084-2-1:2024
Standardi staatus: Kehtetu

EVS-EN 50085-2-2:2008
Elektripaigaldiste suletud ja avatavate kaablikarbikute süsteemid. Osa 2-2: Erinõuded põrandaalustele, põrandasse süvistatud ja põrandapealsetele suletud ja avatavate kaablikarbikute süsteemidele
Cable trunking systems and cable ducting systems for electrical installations -- Part 2-2: Particular requirements for cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

Keel: en
Alusdokumendid: EN 50085-2-2:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 61084-2-2:2024
Standardi staatus: Kehtetu

EVS-EN 50085-2-3:2010
Elektripaigaldiste kaablirennid ja kaablitorud. Osa 2-3: Erinõuded soontega kaablitorudele, mis on mõeldud paigaldamiseks korpusesse
Cable trunking systems and cable ducting systems for electrical installations - Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinets

Keel: en
Alusdokumendid: EN 50085-2-3:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61084-2-3:2024
Standardi staatus: Kehtetu

EVS-EN 50085-2-4:2009

Elektripaigaldiste kaablikanali- ja kaablitorustikusüsteemid. Osa 2-4: Erinõuded kaablikaevudele ja muudele hoolduspunktidele
Cable trunking systems and cable ducting systems for electrical installations -Part 2-4: Particular requirements for service poles and service posts

Keel: en
Alusdokumendid: EN 50085-2-4:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61084-2-4:2024
Standardi staatus: Kehtetu

EVS-EN 61243-5:2002

Live working - Voltage detectors - Part 5: Voltage detecting systems (VDS)

Keel: en
Alusdokumendid: IEC 61243-5:1997; EN 61243-5:2001
Standardi staatus: Kehtetu

EVS-EN 62271-206:2011

High-voltage switchgear and controlgear - Part 206: Voltage presence indicating systems for rated voltages above 1 kV and up to and including 52 kV

Keel: en
Alusdokumendid: IEC 62271-206:2011; EN 62271-206:2011
Standardi staatus: Kehtetu

EVS-EN IEC 61960-4:2020

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

Keel: en
Alusdokumendid: EN IEC 61960-4:2020; IEC 61960-4:2020
Asendatud järgmise dokumendiga: EVS-EN IEC 61960-4:2024
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60384-8:2015

Fixed capacitors for use in electronic equipment - Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1

Keel: en
Alusdokumendid: IEC 60384-8:2015; EN 60384-8:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-8:2024
Parandatud järgmise dokumendiga: EVS-EN 60384-8:2015/AC:2017
Standardi staatus: Kehtetu

EVS-EN 60384-8:2015/AC:2017

Fixed capacitors for use in electronic equipment - Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1

Keel: en
Alusdokumendid: IEC 60384-8:2015/COR1:2017; EN 60384-8:2015/AC:2017-09
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-8:2024
Standardi staatus: Kehtetu

EVS-EN 60384-9:2015

Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2

Keel: en
Alusdokumendid: IEC 60384-9:2015; EN 60384-9:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-9:2024
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61000-2-4:2002
Electromagnetic compatibility (EMC) - Part 2: Environment - Section 4:Compatibility levels in industrial plants for low-frequency conducted disturbances

Keel: en
Alusdokumendid: IEC 61000-2-4:2002; EN 61000-2-4:2002
Asendatud järgmise dokumendiga: EVS-EN IEC 61000-2-4:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CLC/TR 50600-99-3:2018
Information technology - Data centre facilities and infrastructures - Part 99-3: Guidance to the application of EN 50600 series

Keel: en
Alusdokumendid: CLC/TR 50600-99-3:2018
Standardi staatus: Kehtetu

EVS-ISO/IEC 27005:2024
Infoturve, küberturve ja privaatsuskaitse. Infoturvariskide haldamise juhend
Information security, cybersecurity and privacy protection - Guidance on managing information security risks (ISO/IEC 27005:2022, identical)

Keel: en, et
Alusdokumendid: ISO/IEC 27005:2022
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 27005:2024
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 15085:2004
Väikelaevad. Vettekukkumise vältimise ja esmaabi vahendid
Small craft - Man-overboard prevention and recovery

Keel: en
Alusdokumendid: ISO 15085:2003; EN ISO 15085:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 15085:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 15085:2004/A1:2009
Muudetud järgmise dokumendiga: EVS-EN ISO 15085:2004/A2:2018
Standardi staatus: Kehtetu

EVS-EN ISO 15085:2004/A2:2018
Väikelaevad. Vettekukkumise vältimise ja esmaabi vahendid
Small craft - Man-overboard prevention and recovery - Amendment 2 (ISO 15085:2003/Amd 2:2017)

Keel: en
Alusdokumendid: ISO 15085:2003/Amd 2:2017; EN ISO 15085:2003/A2:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 15085:2024
Standardi staatus: Kehtetu

EVS-EN ISO 7547:2005/AC:2009
Ships and marine technology - Air-conditioning and ventilation of accommodation spaces - Design conditions and basis of calculations

Keel: en
Alusdokumendid: ISO 7547:2002/Cor.1:2008; EN ISO 7547:2004/AC:2009
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 2411:2017
Rubber- or plastics-coated fabrics - Determination of coating adhesion (ISO 2411:2017)

Keel: en
Alusdokumendid: ISO 2411:2017; EN ISO 2411:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 2411:2024

Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN 16156:2010
Sigaretid. Süütamisvõime hindamine. Ohutusnõue
Cigarettes - Assessment of the ignition propensity - Safety requirement

Keel: en, et
Alusdokumendid: EN 16156:2010
Asendatud järgmise dokumendiga: EVS-EN 16156:2024
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

CEN/TS 17303:2019
Foodstuffs - DNA barcoding of fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments

Keel: en
Alusdokumendid: L10.00-12; CEN/TS 17303:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 17174:2024
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16942:2016+A1:2021
Mootorikütused. Mootorsõidukile sobivuse tähistamine. Tankijateabe graafiline väljendus
Fuels - Identification of vehicle compatibility - Graphical expression for consumer information

Keel: en, et
Alusdokumendid: EN 16942:2016+A1:2021
Asendatud järgmise dokumendiga: EVS-EN 16942:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10427-1:2002
Petroleum and natural gas industries - Casing centralizers - Part 1: Bow-spring casing centralizers

Keel: en
Alusdokumendid: ISO 10427-1:2001; EN ISO 10427-1:2001
Asendatud järgmise dokumendiga: EVS-EN ISO 10427-1:2024
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10088-2:2014
Stainless steels - Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes

Keel: en
Alusdokumendid: EN 10088-2:2014
Asendatud järgmise dokumendiga: EVS-EN 10088-2:2024
Standardi staatus: Kehtetu

EVS-EN 603-2:2000
Alumiinium ja alumiiniumisulamid. Deformeeritav sepisetoorik. Osa 2: Mehaanilised omadused
Aluminium and aluminium alloys - Wrought forging stock - Part 2: Mechanical properties

Keel: en
Alusdokumendid: EN 603-2:1996
Asendatud järgmise dokumendiga: EVS-EN 603-2:2024
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 2884-1:2006
Paints and varnishes - Determination of viscosity using rotary viscometers - Part 1: Cone-and-plate viscometer operated at a high rate of shear

Keel: en
Alusdokumendid: ISO 2884-1:1999; EN ISO 2884-1:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 2884-1:2024
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 1366-10:2022
Fire resistance tests for service installations - Part 10: Smoke control dampers

Keel: en
Alusdokumendid: EN 1366-10:2022
Asendatud järgmise dokumendiga: EVS-EN 1366-10:2022+A1:2024
Standardi staatus: Kehtetu

EVS-EN 15323:2007
Bitumen and bituminous binders - Accelerated long-term ageing conditioning by the rotating cylinder method (RCAT)

Keel: en
Alusdokumendid: EN 15323:2007
Standardi staatus: Kehtetu

EVS-EN 480-6:2005
Betooni, mördi ja süstmördi lisandid. Teimimismeetodid. Osa 6: Infrapunaanalüüs
Admixtures for concrete, mortar and grout - Test methods - Part 6: Infrared analysis

Keel: en
Alusdokumendid: EN 480-6:2005
Asendatud järgmise dokumendiga: EVS-EN 480-6:2024
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 14073-3:2004
Büroomööbel. Mahutusmööbel. Osa 3: Katsemeetodid püsivuse ja konstruktsiooni tugevuse määramiseks
Office furniture - Storage furniture - Part 3: Test methods for the determination of stability and strength of the structure

Keel: en, et
Alusdokumendid: EN 14073-3:2004; EVS-EN 14073-3:2004/AC:2020
Parandatud järgmise dokumendiga: EVS-EN 14073-3:2004/AC:2020
Standardi staatus: Kehtetu

EVS-EN 14074:2004
Büroomööbel. Lauad, puldid ja mahutusmööbel. Katsemeetodid liikuvate osade tugevuse ja vastupidavuse määramiseks
Office furniture - Tables and desks and storage furniture - Test methods for the determination of strength and durability of moving parts

Keel: en, et
Alusdokumendid: EN 14074:2004; EVS-EN 14074:2004/AC:2020
Parandatud järgmise dokumendiga: EVS-EN 14074:2004/AC:2020
Standardi staatus: Kehtetu

EVS-EN 15338:2007+A1:2010
Mööblifurnituur. Tõmbeelementide ja nende komponentide tugevus ja vastupidavus KONSOLIDEERITUD TEKST
Hardware for furniture - Strength and durability of extension elements and their components CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 15338:2007+A1:2010

Asendatud järgmise dokumendiga: EVS-EN 15338:2024
Standardi staatus: Kehtetu

EVS-EN 15772:2012

Textile floor coverings - Minimum requirements for needled floor coverings for single usage in events of limited duration

Keel: en
Alusdokumendid: EN 15772:2012
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

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

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

EVS-EN ISO 24808:2024/prA11
Recreational diving services - Requirements for rebreather instructor training

Amendment to EN ISO 24808:2024

Keel: en
Alusdokumendid: EN ISO 24808:2024/A11:2024
Muudab dokumenti: EVS-EN ISO 24808:2024

Arvamusküsitluse lõppkuupäev: 29.11.2024

07 LOODUS- JA RAKENDUSTEADUSED

prEN ISO 23691
Microbiology of the food chain - Determination and use of cardinal values (ISO/DIS 23691:2024)

This document establishes basic principles and specifies requirements and methods to determine cardinal values of bacteria and yeast strains. These methods are based on (1) the determination of maximum specific growth rates of the studied strain grown in a defined range of values of the intrinsic or extrinsic factor under study and (2) on the use of secondary models to obtain the cardinal values. These methods can be applied to all type of bacteria and yeasts. Finally, this document provides guidelines on the use of the determined cardinal values in growth simulation based on predictive microbiological models.

Keel: en
Alusdokumendid: ISO/DIS 23691; prEN ISO 23691

Arvamusküsitluse lõppkuupäev: 29.11.2024

11 TERVISEHOOLDUS

prEN ISO 80601-2-67
Medical electrical equipment - Part 2-67: Particular requirements for basic safety and essential performance of oxygen-conserving equipment (ISO/DIS 80601-2-67:2024)

This document is applicable to the basic safety and essential performance of oxygen conserving equipment, hereafter referred to as ME equipment, in combination with its accessories intended to conserve supplemental oxygen by delivering gas intermittently and synchronized with the patient's inspiratory cycle, when used in the home healthcare environment. Oxygen conserving equipment is typically used by a lay operator. NOTE 1 Conserving equipment can also be used in professional health care facilities. This document is also applicable to conserving equipment that is incorporated with other equipment. EXAMPLE Conserving equipment combined with a pressure regulator[2], an oxygen concentrator[7] or liquid oxygen equipment[4]. This document is also applicable to those accessories intended by their manufacturer to be connected to conserving equipment, where the characteristics of those accessories can affect the basic safety or essential performance of the conserving equipment. This document is intended to clarify the difference in operation of various conserving equipment models, as well as between the operation of conserving equipment and continuous flow oxygen equipment, by requiring standardized performance testing and labelling. This document is only applicable to active devices (e.g. pneumatically or electrically powered) and is not applicable to non-active devices (e.g. reservoir cannulas). 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 IEC 60601-1:2005+AMD1:2012, 7.2.13 and 8.4.1. NOTE 2 Additional information can be found in IEC 60601-1:2005+AMD1:2012, 4.2.

Keel: en
Alusdokumendid: ISO/DIS 80601-2-67; prEN ISO 80601-2-67
Asendab dokumenti: EVS-EN ISO 80601-2-67:2020

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 80601-2-69

Medical electrical equipment - Part 2-69: Particular requirements for the basic safety and essential performance of oxygen concentrator equipment (ISO/DIS 80601-2-69:2024)

This document specifies requirements for the basic safety and essential performance of an oxygen concentrator in combination with its accessories, hereafter referred to as ME equipment, intended to increase the oxygen concentration of gas intended to be delivered to a single patient. Such oxygen concentrators are typically intended for use in the home healthcare environment by a single patient in various environments including any private and public transportation as well as in commercial aircraft. NOTE 1 Such oxygen concentrators can also be used in professional healthcare facilities. This document is applicable to a transit-operable and non-transit-operable oxygen concentrator. This document is applicable to an oxygen concentrator integrated into or used with other medical devices, ME equipment or ME systems. EXAMPLE 1 An oxygen concentrator with integrated oxygen conserving equipment function or humidifier function. EXAMPLE 2 An oxygen concentrator used with a flowmeter stand. EXAMPLE 3 An oxygen concentrator as part of an anaesthetic system for use in areas with limited logistical supplies of electricity and anaesthetic gases[2]. EXAMPLE 4 An oxygen concentrator with an integrated liquid reservoir function or gas cylinder filling system function. This document is also applicable to those accessories intended by their manufacturer to be connected to an oxygen concentrator, where the characteristics of those accessories can affect the basic safety or essential performance of the oxygen concentrator. NOTE 2 Such accessories can include, but are not limited to, masks, cannulae, extension tubing, humidifiers, carts, carrying cases, external power sources and oxygen conserving equipment. This document does not specify requirements for oxygen concentrators for use with a medical gas pipeline system. 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. NOTE 3 See also 4.2 of the general standard.

Keel: en
Alusdokumendid: ISO/DIS 80601-2-69; prEN ISO 80601-2-69
Asendab dokumenti: EVS-EN ISO 80601-2-69:2020

Arvamusküsitluse lõppkuupäev: 29.11.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 18120-1

Packaging - Design for recycling of plastic packaging - Part 1: Definitions and principles for design-for-recycling of plastic packaging

This document provides a process that manages the identification of the level of compatibility of plastic packaging features with collection, sorting and recycling, describing the level of compatibility as fully, limited, and not recyclable. This standard covers any plastic packaging where the main body is made of plastic material. It targets to harmonize the design for recycling standard approach for each resin.

Keel: en
Alusdokumendid: prEN 18120-1

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-10

Packaging - Design for recycling for plastic packaging - Part 10: Recyclability evaluation process for plastic packaging - Protocols for PET bottles

This document provides requirements for the evaluation process for PET Bottles with respect to compatibility of the design with recycling processes. Packaging components and ancillary elements made of other materials than PET are also covered by this document as they need to be evaluated for compatibility with the recycling processes.

Keel: en
Alusdokumendid: prEN 18120-10

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-11

Packaging - Design for recycling for plastic packaging - Part 11: Recyclability evaluation process for plastic packaging - Protocols for PET rigid packaging (except bottles)

This document covers the design of PET pots and trays with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-11

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-12

Packaging - Design for recycling for plastic packaging - Part 12: Recyclability evaluation process for plastic packaging - Protocols for PE and PP rigid packaging

This document covers the design of PE and PP rigid with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-12

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-13

Packaging - Design for recycling for plastic packaging - Part 13: Recyclability evaluation process for plastic packaging - Protocols for PE and PP flexible packaging

This document covers the design of PE and PP flexible packaging with respect to compatibility of the design with recycling processes available for PE and PP packaging. Packaging constituents and components used in/on PE and PP flexible packaging but made of materials other than PE and PP are also covered by this document as these need to be evaluated for compatibility with PE and PP mechanical recycling processes.

Keel: en
Alusdokumendid: prEN 18120-13

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-14

Packaging - Design for recycling for plastic packaging - Part 14: Recyclability evaluation process for plastic packaging - Protocols for PS and XPS packaging

This document covers recyclability evaluation process guidance for PS and XPS packaging with respect to compatibility of the design with recycling processes for the polymers used.

Keel: en
Alusdokumendid: prEN 18120-14

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-15

Packaging - Design for recycling for plastic packaging - Part 15: Recyclability evaluation process for plastic packaging - Protocols for EPS packaging

This document covers the design of EPS packaging with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than EPS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-15

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-3

Packaging - Design for recycling of plastic packaging - Part 3: Sortability evaluation process for plastic packaging

This document is an input for a standard on the recyclability evaluation process of plastic packaging with respect to compatibility of the design with the collecting and sorting processes for the plastic used. This document covers any household plastic packaging where the main body is made of PET, PE, PP or PS material.

Keel: en
Alusdokumendid: prEN 18120-3

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-4

Packaging - Design for recycling of plastic packaging - Part 4: Guideline for PET bottles

This document covers the design of PET bottles with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-4

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-5

Packaging - Design for recycling of plastic packaging - Part 5: Guideline for PET rigid packaging (except bottles)

This document covers the design of PET rigid packaging (except bottles) with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-5

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-6

Packaging - Design for recycling for plastic packaging - Part 6: Guideline for PE and PP rigid packaging

This document covers the design of PE and PP rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-6

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-7

Packaging - Design for recycling of plastic packaging - Part 7: Guideline for PE and PP flexible packaging

This document covers the design of PE and PP flexible packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-7

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-8

Packaging - Design for recycling for plastic packaging - Part 8: Guideline for PS and XPS packaging

This document covers the design of PS and XPS rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-8

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-9

Packaging - Design for recycling of plastic packaging - Part 9: Guideline for EPS packaging

This document covers the design of EPS rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-9

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN IEC 62192-1:2024

Live working - Insulating ropes

This document covers insulating ropes that are utilized during Live Working (LW) procedures in contact with parts of installations operating at voltages up to and including 800 kV AC They shall already meet other specifications relating to mechanical strength, physical and construction properties. Insulating ropes up to a diameter of 32 mm only are given consideration for the test acceptance criteria and larger diameters may require increased leakage current criteria and engineering analysis for a particular application. At the present time, insulating rope options include but are not limited to various styles, materials, and construction, including extruded thermoplastic jacket ropes with sealed ends, fibre with overlay/wax coating and additives and fibre without any additives. Extruded thermoplastic jacket ropes with sealed ends are more likely to meet the acceptance criteria for direct contact (Category 1) ropes. This document covers in-service care and periodic testing. The arc flash properties of the insulating rope are not evaluated in this document but should be given consideration. An Acceptance Test may be arranged between a manufacturer and the end user in order to demonstrate that the product meets the specifications and requirements of this document.

Keel: en
Alusdokumendid: 78/1476/CDV; prEN IEC 62192-1:2024
Asendab dokumenti: EVS-EN 62192:2009

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 19085-20

Woodworking machines - Safety - Part 20: Horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws) (ISO/DIS 19085-20:2024)

This document specifies the safety requirements and measures for horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws) with manual loading and/or unloading of the workpiece and capable of continuous production use, hereinafter referred to also as “machines”.

Keel: en
Alusdokumendid: ISO/DIS 19085-20; prEN ISO 19085-20
Asendab dokumenti: EVS-EN 1870-11:2013
Asendab dokumenti: EVS-EN 1870-17:2012+A1:2015

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 19085-21

Woodworking machines - Safety - Part 21: Double blade circular sawing machines for cross-cutting with integrated feed (ISO/DIS 19085-21:2024)

This document specifies the safety requirements and measures for double blade circular sawing machines for cross-cutting with integrated feed of the cutting-stroke, with manual loading and/or unloading of the workpiece and capable of continuous production use, hereinafter referred to also as “machines”.

Keel: en
Alusdokumendid: ISO/DIS 19085-21; prEN ISO 19085-21
Asendab dokumenti: EVS-EN 1870-9:2012

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 19085-22

Woodworking machines - Safety - Part 22: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines (ISO/DIS 19085-22:2024)

This document specifies the safety requirements and measures for single blade automatic and semi-automatic up-cutting cross-cut sawing machines, capable of continuous production use, hereinafter referred to also as “machines”.

Keel: en
Alusdokumendid: ISO/DIS 19085-22; prEN ISO 19085-22
Asendab dokumenti: EVS-EN 1870-10:2013

Arvamusküsitluse lõppkuupäev: 29.11.2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EN 50413:2019/prA1

Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)

This document provides general methods for measurement and calculation of quantities associated with human exposure to electromagnetic fields in the frequency range from 0 Hz to 300 GHz. It is intended specifically to be used for the assessment of emissions from products and comparison of these with the exposure limits for the general public given in Council Recommendation 1999/519/EC, and those given for workers in Directive 2013/35/EU, as appropriate. It also is intended to be used for assessment of human exposure to electromagnetic fields in the workplace to determine compliance with the requirements of Directive 2013/35/EU. This standard deals with quantities that can be measured or calculated external to the body, notably electric and magnetic field strength or power density, and includes the measurement and calculation of quantities inside the body that form the basis for protection guidelines. In particular the standard provides information on: - definitions and terminology, - characteristics of electromagnetic fields, - measurement of exposure quantities, - instrumentation requirements, - methods of calibration, - measurement techniques and procedures for evaluating exposure, - calculation methods for exposure assessment. Where an applicable electromagnetic field standard specific to a product or technology exists it is expected to be used rather than this document. EN 62311:-, Table 1 gives a list of relevant standards.

Keel: en
Alusdokumendid: EN 50413:2019/prA1
Muudab dokumenti: EVS-EN 50413:2019

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN IEC 60216-1:2024

Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results

This part of IEC 60216 specifies general ageing conditions and the methods to be used to derive thermal endurance characteristics from them, and gives recommendations for the use of the detailed instructions and guidelines in other parts of the standard. Although originally developed for use on electrical insulating materials and simple combinations of such materials, these methods are considered to be more generally applicable and are widely used to test materials not intended for use as electrical insulators. In the application of this standard, it is assumed that a substantially linear relationship exists between the logarithm of the time required to produce the predetermined change in the property, and the reciprocal of the corresponding absolute temperature (the Arrhenius relationship). For the standard to be valid, there should be no transitions, particularly first-order transitions, within the temperature range under consideration. In the remainder of the text of this standard, the term "insulating materials" is always taken to mean "insulating materials and simple combinations of such materials".

Keel: en
Alusdokumendid: 112/655/CDV; prEN IEC 60216-1:2024
Asendab dokumenti: EVS-EN 60216-1:2013

Arvamusküsitluse lõppkuupäev: 29.11.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEVS-ISO 11119-1

Gaasiballoonid. Korduvtäidetavate komposiitballoonide ja -tuubide valmistamine, konstruktsioon ja katsetamine. Osa 1: Fiibertugevdusrõngastega gaasi komposiitballoonid ja tuubid mahuga kuni 450 l.
Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes — Part 1: Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l.

Dokument määratleb miinimumnõuded materjalidele, projekteerimisele, ehitusele ja töötlusele, tootmisprotsessidele, kontrollile ja katsetamisele tootmise ajal järgmistele aspektidele: — tüüp 2 komposiitballoonid või -tuubid, millel on koormust jagav metallist sisu ja komposiit-tugevdus ainult silindrilises osas; — veemahud kuni 450 l; — suru- või veeldatud gaaside hoidmine ja transport; — balloonid ja tuubid, millel on süsinikkiududest, aramiidkiududest või klaaskiududest (või nende segust) koosnev komposiittugevdus või terastraat, mis tagab ümbermõõdulise tugevduse; — minimaalne projekteeritud kasutusiga 15 aastat. See dokument ei käsitle eemaldatavate kaitsekatete projekteerimist, paigaldamist ja toimivust. MÄRKUS 1. Viited dokumendis olevatele balloonidele hõlmavad vajadusel ka komposiittuube. MÄRKUS 2. ISO 11439 kehtib balloonidele, mis on ette nähtud kasutamiseks maagaasisõidukite kütusemahutitena, ja ISO 11623 hõlmab komposiitballoonide perioodilist kontrollimist ja uuesti katsetamist.

Keel: en
Alusdokumendid: ISO 11119-1:2020
Asendab dokumenti: EVS-ISO 11119-1:2012

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEVS-ISO 11119-2

Gaasiballoonid. Korduvtäidetavate komposiitballoonide ja -tuubide valmistamine, konstruktsioon ja katsetamine. Osa 2: Täieliku fiiberarmatuuriga, tugevdatud metallist koormust jaotavate rõngastega gaasi komposiitballoonid ja -tuubid mahuga kuni 450 l
Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes — Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners

Dokument määratleb miinimumnõuded materjalidele, projekteerimisele, ehitusele ja töötlusele, tootmisprotsessidele, kontrollile ja katsetamisele tootmise ajal järgmistele aspektidele: — tüüp 3 täielikult komposiit-tugevdusega balloonid või tuubid, millel on koormust jagav metallist sisu ja komposiittugevdus nii silindrilises osas kui ka kuppelotsadel; — veemahud kuni 450 l; — suru- või veeldatud gaaside hoidmine ja transport; — balloonid ja tuubid, millel on süsinikkiududest, aramiidkiududest või klaaskiududest (või nende segust) koosnev komposiittugevdus maatriksi sees; — minimaalne projekteeritud kasutusiga 15 aastat. See dokument ei käsitle eemaldatavate kaitsekatete projekteerimist, paigaldamist ja toimivust. See dokument ei kehti keevitatud sisuga balloonide kohta. MÄRKUS 1. Viited dokumendis olevatele balloonidele hõlmavad vajadusel ka komposiit-tuube. MÄRKUS 2. ISO 11439 kehtib balloonidele, mis on ette nähtud kasutamiseks maagaasisõidukite kütusemahutitena, ja ISO 11623 hõlmab komposiitballoonide perioodilist kontrollimist ja uuesti katsetamist.

Keel: en
Alusdokumendid: ISO 11119-2:2020; ISO 11119-2:2020/Amd 1:2023
Asendab dokumenti: EVS-ISO 11119-2:2012

Arvamusküsitluse lõppkuupäev: 29.11.2024

29 ELEKTROTEHNIKA

prEN IEC 60216-1:2024
Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results

This part of IEC 60216 specifies general ageing conditions and the methods to be used to derive thermal endurance characteristics from them, and gives recommendations for the use of the detailed instructions and guidelines in other parts of the standard. Although originally developed for use on electrical insulating materials and simple combinations of such materials, these methods are considered to be more generally applicable and are widely used to test materials not intended for use as electrical insulators. In the application of this standard, it is assumed that a substantially linear relationship exists between the logarithm of the time required to produce the predetermined change in the property, and the reciprocal of the corresponding absolute temperature (the Arrhenius relationship). For the standard to be valid, there should be no transitions, particularly first-order transitions, within the temperature range under consideration. In the remainder of the text of this standard, the term "insulating materials" is always taken to mean "insulating materials and simple combinations of such materials".

Keel: en
Alusdokumendid: 112/655/CDV; prEN IEC 60216-1:2024
Asendab dokumenti: EVS-EN 60216-1:2013

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN IEC 62192-1:2024
Live working - Insulating ropes

This document covers insulating ropes that are utilized during Live Working (LW) procedures in contact with parts of installations operating at voltages up to and including 800 kV AC They shall already meet other specifications relating to mechanical strength, physical and construction properties. Insulating ropes up to a diameter of 32 mm only are given consideration for the test acceptance criteria and larger diameters may require increased leakage current criteria and engineering analysis for a particular application. At the present time, insulating rope options include but are not limited to various styles, materials, and construction, including extruded thermoplastic jacket ropes with sealed ends, fibre with overlay/wax coating and additives and fibre without any additives. Extruded thermoplastic jacket ropes with sealed ends are more likely to meet the acceptance criteria for direct contact (Category 1) ropes. This document covers in-service care and periodic testing. The arc flash properties of the insulating rope are not evaluated in this document but should be given consideration. An Acceptance Test may be arranged between a manufacturer and the end user in order to demonstrate that the product meets the specifications and requirements of this document.

Keel: en
Alusdokumendid: 78/1476/CDV; prEN IEC 62192-1:2024
Asendab dokumenti: EVS-EN 62192:2009

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN IEC 63522-54:2024
Electrical relays - Tests and measurements - Part 54: Critical DC load current test

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for critical DC load current test.

Keel: en
Alusdokumendid: 94/1063/CDV; prEN IEC 63522-54:2024

Arvamusküsitluse lõppkuupäev: 29.11.2024

31 ELEKTROONIKA

prEN IEC 61076-2-111:2024
Connectors for electrical and electronic equipment - Product requirements - Part 2-111: Circular connectors - Detail specification for power connectors with m12 screw-locking

This part of IEC 61076-2 describes 4- to 6-way circular connectors with M12 screw-locking with current ratings up to 16A rated current per contact and voltage ratings of 63 V or 630 V, that are typically used for power supply and power applications in industrial premises. These connectors consist of both, fixed and free connectors either rewirable or non-rewirable. Male connectors have round contacts Ø1,0mm and Ø1,5mm. The different codings provided by this document prevent the mating of differently coded male or female connectors to any other similarly sized interfaces, covered by other standards and the cross-mating between the different codings provided by this document. NOTE M12 is the dimension of the thread of the screw locking mechanism of these circular connectors

Keel: en
Alusdokumendid: 48B/3117/CDV; prEN IEC 61076-2-111:2024
Asendab dokumenti: EVS-EN IEC 61076-2-111:2018

Arvamusküsitluse lõppkuupäev: 29.11.2024

33 SIDETEHNIKA

EN 50413:2019/prA1

Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)

This document provides general methods for measurement and calculation of quantities associated with human exposure to electromagnetic fields in the frequency range from 0 Hz to 300 GHz. It is intended specifically to be used for the assessment of emissions from products and comparison of these with the exposure limits for the general public given in Council Recommendation 1999/519/EC, and those given for workers in Directive 2013/35/EU, as appropriate. It also is intended to be used for assessment of human exposure to electromagnetic fields in the workplace to determine compliance with the requirements of Directive 2013/35/EU. This standard deals with quantities that can be measured or calculated external to the body, notably electric and magnetic field strength or power density, and includes the measurement and calculation of quantities inside the body that form the basis for protection guidelines. In particular the standard provides information on: - definitions and terminology, - characteristics of electromagnetic fields, - measurement of exposure quantities, - instrumentation requirements, - methods of calibration, - measurement techniques and procedures for evaluating exposure, - calculation methods for exposure assessment. Where an applicable electromagnetic field standard specific to a product or technology exists it is expected to be used rather than this document. EN 62311:-, Table 1 gives a list of relevant standards.

Keel: en
Alusdokumendid: EN 50413:2019/prA1
Muudab dokumenti: EVS-EN 50413:2019

Arvamusküsitluse lõppkuupäev: 29.11.2024

EN IEC 61000-6-3:2021/prA1{frag3}:2024

Amendment 1/Fragment 3: Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments - Radiated Magnetic Emissions Requirements below 30 MHz

Amendment to EN IEC 61000-6-3:2021 (Fragment 3)

Keel: en
Alusdokumendid: CIS/H/507/CDV; EN IEC 61000-6-3:2021/prA1{frag3}:2024
Muudab dokumenti: EVS-EN IEC 61000-6-3:2021

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 300 487 V2.2.0

Satelliitside maajaamad ja süsteemid (SES); Ainult andmeside vastuvõtmist võimaldavad liikuvad maajaamad (ROMES) raadiosagedusalas 1,5 GHz; Raadiospektrile juurdepääsu harmoneeritud standard
Satellite Earth Stations and Systems (SES); Receive-Only Mobile Earth Stations (ROMES) providing data communications operating in the 1,5 GHz frequency band; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurement for Receive-Only Mobile Earth Stations (ROMES) radio equipment operating under the Land Mobile Satellite Service (LMSS), in the frequency band 1 518 MHz to 1 559 MHz (space-to-earth band). The ROMESs operate as part of a satellite system providing one-way data communications. ROMESs could have several configurations, including: • either Portable Equipment (PE) or Vehicle Installed Equipment (VIE); • a number of modules including a display/control interface to the user. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.2] is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 300 487 V2.2.0

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 301 489-5 V2.2.8

Elektromagnetilise ühilduvuse (EMC) standard raadioseadmetele ja teenustele; Osa 5. Eritingimused ametkondlikule liikuvale raadiosidesüsteemile (PMR) ja lisaseadmetele (kõne- ja andmeedastus) ja TETRA seadmetele; Elektromagnetilise ühilduvuse harmoneeritud standard
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech) and Terrestrial Trunked Radio (TETRA); Harmonised Standard for ElectroMagnetic Compatibility

The present document specifies the applicable test conditions, performance assessment and performance criteria technical characteristics, test methods and methods of measurement for the assessment of Private land Mobile Radio (PMR) and associated ancillary equipment, in respect of ElectroMagnetic Compatibility (EMC). The present document covers both analogue and digital Private land Mobile Radio (PMR) equipment as well as Terrestrial Trunked Radio (TETRA). Technical specifications related to the antenna port and emissions from the enclosure port of the equipment are outside of the scope of the present document. Such technical specifications are found in the relevant product standards for the effective use of the radio spectrum, see Table 1. Emissions requirements in the present document are specified for frequencies above 9 kHz. Table 1: Radio

Technologies in scope of the present document Technology; ETSI Standard Land Mobile Service; Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 302 561 Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 300 086 Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 300 219 Land Mobile Service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 300 113 Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 300 296 Land Mobile Service; Radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 300 341 Land Mobile Service; Radio equipment intended for the transmission of data (and speech) and using an integral antenna; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 300 390 Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; ETSI EN 301 166 TETRA radio equipment using non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonised Standard for access to radio spectrum; ETSI EN 303 758 NOTE 1: The relationship between the present document and essential requirements of article 3.1(b) of Directive 2014/53/EU is given in annex A. Technical specifications related to conducted emission EMC requirements below 9 kHz on the AC mains port of radio equipment are not included in the present document. NOTE 2: Such technical specifications are normally found in the relevant product family standards for AC mains powered equipment (e.g. EN 61000-3-2 and EN 61000-3-3). The environmental classification as per ETSI EN 301 489-1 applies.

Keel: en
Alusdokumendid: Draft ETSI EN 301 489-5 V2.2.8

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 303 978 V2.2.0

Satelliitside maajaamad ja süsteemid (SES); Mobiilsel platvormil satelliitside maajaamad (ESOMP), mis töötavad geostatsionaarorbiidil satelliitidega raadiosagedusalades 27,5 GHz kuni 30 GHz ja 17,3 GHz kuni 20,2 GHz; Raadiospektrile juurdepääsu harmoneeritud standard; Satellite Earth Stations and Systems (SES); Earth Stations on Mobile Platforms (ESOMP) communicating with satellites in geostationary orbit, operating in the 27,5 GHz to 30,0 GHz and 17,3 GHz to 20,2 GHz frequency bands; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Earth Stations on Mobile Platforms (ESOMP) equipment with the following characteristics: • The ESOMP is designed for both mobile and stationary operation. • The ESOMP operates on various mobile platforms such as trains, maritime vessels, aircraft and other vehicles. • The ESOMP is controlled and monitored by a Network Control Facility (NCF). This function may be performed centrally (e.g. for a network of ESOMPs with a central hub) or it could be performed within the ESOMP for autonomous control. The NCF is outside the scope of the present document. • The ESOMP transmit and receive frequencies are shown in table 1. Table 1: Frequency bands Frequency Bands/frequencies (GHz) Transmit (Earth-to-space) 27,50 to 30,00 Receive (space-to-Earth) 17,30 to 20,20 NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 303 978 V2.2.0

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN IEC 62488-1:2024

Power line communication systems for power utility applications - Part 1: Planning of analogue and digital power line carrier systems operating over HV electricity grids

This part of IEC 62488 series applies to the planning of analogue (APLC), digital (DPLC) and hybrid analogue-digital (ADPLC) power line carrier communication systems operating over HV electric power networks. The object of this standard is to establish the planning of the services and performance parameters for the operational requirements to transmit and receive data efficiently and reliably. Such analogue and digital power line carrier systems are used by the different electricity supply industries and integrated into their communication infrastructure using common communication technologies such as radio links, fibre optic and satellite networks.

Keel: en
Alusdokumendid: 57/2713/CDV; prEN IEC 62488-1:2024
Asendab dokumenti: EVS-EN 62488-1:2013

Arvamusküsitluse lõppkuupäev: 29.11.2024

35 INFOTEHNOLOOGIA

prEN ISO 19135
Geographic information - Registration and register governance (ISO/DIS 19135:2024)

ISO 19135-1:2015 specifies procedures to be followed in establishing, maintaining, and publishing registers of unique, unambiguous, and permanent identifiers and meanings that are assigned to items of geographic information. In order to accomplish this purpose, ISO 19135-1:2015 specifies elements that are necessary to manage the registration of these items.

Keel: en
Alusdokumendid: ISO/DIS 19135; prEN ISO 19135
Asendab dokumenti: EVS-EN ISO 19135-1:2015
Asendab dokumenti: EVS-EN ISO 19135-1:2015/A1:2021

Arvamusküsitluse lõppkuupäev: 29.11.2024

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 2002-001
Aerospace series - Metallic materials - Test methods - Part 1: Tensile testing at ambient temperature

This document specifies the requirements for the tensile testing of metallic materials at ambient temperature for aerospace applications. It is applied when referred to in the EN technical specification or material standard unless otherwise specified on the drawing, order or inspection schedule.

Keel: en
Alusdokumendid: prEN 2002-001
Asendab dokumenti: EVS-EN 2002-001:2005

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 2002-002
Aerospace series - Metallic materials - Test methods - Part 2: Tensile testing at elevated temperature

This document specifies the requirements for the tensile testing of metallic materials at elevated temperature for aerospace applications. It is applied when referred to in the EN technical specification or material standard unless otherwise specified on the drawing, order or inspection schedule.

Keel: en
Alusdokumendid: prEN 2002-002
Asendab dokumenti: EVS-EN 2002-002:2005

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 3545-005
Aerospace series - Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures - 55 C to 175 C - Part 005: Female coding and attachment System for mounting on free housing (plug) - Product standard

This document specifies the female coding and attachment system for mounting on free housing in the family of rectangular electrical connectors with sealed and non-sealed rear, plastic housing, locking device, for operating temperatures from -55 °C to 175 °C.

Keel: en
Alusdokumendid: prEN 3545-005
Asendab dokumenti: EVS-EN 3545-005:2015

Arvamusküsitluse lõppkuupäev: 29.11.2024

53 TÕSTE- JA TEISALDUS-SEADMED

prEN ISO 1120
Conveyor belts - Determination of strength of mechanical fastenings for textile conveyor belts - Static test method (ISO/DIS 1120:2024)

ISO 1120:2012 specifies a static test method for measuring the strength of a conveyor belt mechanical fastening; the mechanical joints can be either of the type employing a connecting rod or of a type which does not employ a connecting rod.

Keel: en
Alusdokumendid: ISO/DIS 1120; prEN ISO 1120
Asendab dokumenti: EVS-EN ISO 1120:2012

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 284

Conveyor belts - Electrical conductivity - Specification and test method (ISO/DIS 284:2024)

ISO 284:2012 specifies the maximum electrical resistance of a conveyor belt and the corresponding test method. The test is intended to ensure that the belt is sufficiently conductive to avoid the accumulation of electrical static charge which can be developed during service use. ISO 284:2012 is not suitable or applicable to light conveyor belts as described in ISO 21183-1, the static electrical properties of which are measured by ISO 21178.

Keel: en
Alusdokumendid: ISO/DIS 284; prEN ISO 284
Asendab dokumenti: EVS-EN ISO 284:2012

Arvamusküsitluse lõppkuupäev: 29.11.2024

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

prEN 18120-1

Packaging - Design for recycling of plastic packaging - Part 1: Definitions and principles for design-for-recycling of plastic packaging

This document provides a process that manages the identification of the level of compatibility of plastic packaging features with collection, sorting and recycling, describing the level of compatibility as fully, limited, and not recyclable. This standard covers any plastic packaging where the main body is made of plastic material. It targets to harmonize the design for recycling standard approach for each resin.

Keel: en
Alusdokumendid: prEN 18120-1

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-10

Packaging - Design for recycling for plastic packaging - Part 10: Recyclability evaluation process for plastic packaging - Protocols for PET bottles

This document provides requirements for the evaluation process for PET Bottles with respect to compatibility of the design with recycling processes. Packaging components and ancillary elements made of other materials than PET are also covered by this document as they need to be evaluated for compatibility with the recycling processes.

Keel: en
Alusdokumendid: prEN 18120-10

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-11

Packaging - Design for recycling for plastic packaging - Part 11: Recyclability evaluation process for plastic packaging - Protocols for PET rigid packaging (except bottles)

This document covers the design of PET pots and trays with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-11

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-12

Packaging - Design for recycling for plastic packaging - Part 12: Recyclability evaluation process for plastic packaging - Protocols for PE and PP rigid packaging

This document covers the design of PE and PP rigid with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-12

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-13

Packaging - Design for recycling for plastic packaging - Part 13: Recyclability evaluation process for plastic packaging - Protocols for PE and PP flexible packaging

This document covers the design of PE and PP flexible packaging with respect to compatibility of the design with recycling processes available for PE and PP packaging. Packaging constituents and components used in/on PE and PP flexible packaging but made of materials other than PE and PP are also covered by this document as these need to be evaluated for compatibility with PE and PP mechanical recycling processes.

Keel: en

Alusdokumendid: prEN 18120-13

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-14

Packaging - Design for recycling for plastic packaging - Part 14: Recyclability evaluation process for plastic packaging - Protocols for PS and XPS packaging

This document covers recyclability evaluation process guidance for PS and XPS packaging with respect to compatibility of the design with recycling processes for the polymers used.

Keel: en
Alusdokumendid: prEN 18120-14

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-15

Packaging - Design for recycling for plastic packaging - Part 15: Recyclability evaluation process for plastic packaging - Protocols for EPS packaging

This document covers the design of EPS packaging with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than EPS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-15

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-3

Packaging - Design for recycling of plastic packaging - Part 3: Sortability evaluation process for plastic packaging

This document is an input for a standard on the recyclability evaluation process of plastic packaging with respect to compatibility of the design with the collecting and sorting processes for the plastic used. This document covers any household plastic packaging where the main body is made of PET, PE, PP or PS material.

Keel: en
Alusdokumendid: prEN 18120-3

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-4

Packaging - Design for recycling of plastic packaging - Part 4: Guideline for PET bottles

This document covers the design of PET bottles with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-4

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-5

Packaging - Design for recycling of plastic packaging - Part 5: Guideline for PET rigid packaging (except bottles)

This document covers the design of PET rigid packaging (except bottles) with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-5

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-6

Packaging - Design for recycling for plastic packaging - Part 6: Guideline for PE and PP rigid packaging

This document covers the design of PE and PP rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-6

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-7

Packaging - Design for recycling of plastic packaging - Part 7: Guideline for PE and PP flexible packaging

This document covers the design of PE and PP flexible packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-7

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-8

Packaging - Design for recycling for plastic packaging - Part 8: Guideline for PS and XPS packaging

This document covers the design of PS and XPS rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-8

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-9

Packaging - Design for recycling of plastic packaging - Part 9: Guideline for EPS packaging

This document covers the design of EPS rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-9

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 17508

Packaging - Transport packaging for dangerous goods - Compatibility testing of polyethylene, fluorinated polyethylene and co-extruded plastic (ISO/DIS 17508:2024)

This document specifies test methods for the determination of the plastics compatibility of packaging/intermediate bulk containers (IBC) made from polyethylene, fluorinated polyethylene and coextruded plastics. It covers the determination of adequate plastics compatibility against the processes of deterioration: - softening due to absorption (swelling); - stress cracking; and - combinations thereof. It applies to: - drums and containers made from plastics according to paragraph 6.1.4.8 of the UN recommendations 1); - composite packaging (plastics) with inner receptacle made from plastics according to paragraph 6.1.4.19 of the UN recommendations; - rigid plastics IBCs (types 31H1 and 31H2) according to 6.5.5.3 of the UN recommendations; and - composite IBCs with rigid plastics inner receptacles (type 31HZ1) according to 6.5.5.4 of the UN recommendations; whose design is approved by a competent authority for the transport of liquid dangerous goods. This proof of adequate plastics compatibility is only applicable to the above packaging and IBC types of the following materials and material specifications: - packaging and IBCs made from polyethylene (PE); - packaging and IBCs made from polyethylene (PE), whose internal surfaces are fluorinated; and - packaging and IBCs which are coextrusion blow moulded and have walls with the following multilayer structure (from inside to outside): - polyamide (PA)//bonding agents//polyethylene (PE); or - ethyl vinyl alcohol (EVOH)//bonding agents//polyethylene (PE). 1) UN Recommendations on the Transport of Dangerous Goods – Model Regulations

Keel: en
Alusdokumendid: ISO/DIS 17508; prEN ISO 17508

Arvamusküsitluse lõppkuupäev: 29.11.2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 9073-8

Nonwovens - Test methods - Part 8: Determination of liquid strike-through time (simulated urine) for nonwoven coverstocks (ISO/DIS 9073-8:2024)

Provides a method for measuring the time of liquid (simulated urine) strike-through for nonwovens. Does not simulate in-use conditions for finished products.

Keel: en
Alusdokumendid: ISO/DIS 9073-8; prEN ISO 9073-8
Asendab dokumenti: EVS-EN ISO 9073-8:2001

Arvamusküsitluse lõppkuupäev: 29.11.2024

65 PÕLLUMAJANDUS

EN ISO 20768:2021/prA1

Vapour products - Routine analytical vaping machine - Definitions and standard conditions - Amendment 1: Correction of puff profile requirements (ISO 20768:2018/DAmd1:2024)

Amendment to EN ISO 20768:2021

Keel: en
Alusdokumendid: ISO 20768:2018/DAmd 1; EN ISO 20768:2021/prA1
Muudab dokumenti: EVS-EN ISO 20768:2021

Arvamusküsitluse lõppkuupäev: 29.11.2024

71 KEEMILINE TEHNOLOOGIA

prEN ISO 11609

Dentistry - Dentifrices - Requirements, test methods and marking (ISO/DIS 11609:2024)

ISO 11609:2017 specifies requirements for the physical and chemical properties of dentifrices and provides guidelines for suitable test methods. It also specifies requirements for the marking, labelling and packaging of dentifrices. ISO 11609:2017 applies to dentifrices, including toothpastes, destined to be used by the consumers on a daily basis with a toothbrush to promote oral hygiene. Specific qualitative and quantitative requirements for freedom from biological and toxicological hazards are not included in this document. These are covered in ISO 7405[1] and ISO 10993-1[2].

Keel: en
Alusdokumendid: ISO/DIS 11609; prEN ISO 11609
Asendab dokumenti: EVS-EN ISO 11609:2017

Arvamusküsitluse lõppkuupäev: 29.11.2024

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 17829

Solid Biofuels - Determination of length and diameter of pellets (ISO/DIS 17829:2024)

This document specifies methods for the determination of diameter and length of pellets. Concerning the pellet length methods for the determination of fractions of specified length, such as oversized particles and particles below 10 mm and for determination of the average length are included.

Keel: en
Alusdokumendid: ISO/DIS 17829; prEN ISO 17829
Asendab dokumenti: EVS-EN ISO 17829:2015

Arvamusküsitluse lõppkuupäev: 29.11.2024

79 PUIDUTEHNOLOOGIA

prEN ISO 19085-20

Woodworking machines - Safety - Part 20: Horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws) (ISO/DIS 19085-20:2024)

This document specifies the safety requirements and measures for horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws) with manual loading and/or unloading of the workpiece and capable of continuous production use, hereinafter referred to also as “machines”.

Keel: en
Alusdokumendid: ISO/DIS 19085-20; prEN ISO 19085-20
Asendab dokumenti: EVS-EN 1870-11:2013
Asendab dokumenti: EVS-EN 1870-17:2012+A1:2015

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 19085-21

Woodworking machines - Safety - Part 21: Double blade circular sawing machines for cross-cutting with integrated feed (ISO/DIS 19085-21:2024)

This document specifies the safety requirements and measures for double blade circular sawing machines for cross-cutting with integrated feed of the cutting-stroke, with manual loading and/or unloading of the workpiece and capable of continuous production use, hereinafter referred to also as “machines”.

Keel: en
Alusdokumendid: ISO/DIS 19085-21; prEN ISO 19085-21
Asendab dokumenti: EVS-EN 1870-9:2012

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 19085-22

Woodworking machines - Safety - Part 22: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines (ISO/DIS 19085-22:2024)

This document specifies the safety requirements and measures for single blade automatic and semi-automatic up-cutting cross-cut sawing machines, capable of continuous production use, hereinafter referred to also as “machines”.

Keel: en
Alusdokumendid: ISO/DIS 19085-22; prEN ISO 19085-22
Asendab dokumenti: EVS-EN 1870-10:2013

Arvamusküsitluse lõppkuupäev: 29.11.2024

83 KUMMI- JA PLASTITÖÖSTUS

prEN 18120-1

Packaging - Design for recycling of plastic packaging - Part 1: Definitions and principles for design-for-recycling of plastic packaging

This document provides a process that manages the identification of the level of compatibility of plastic packaging features with collection, sorting and recycling, describing the level of compatibility as fully, limited, and not recyclable. This standard covers any plastic packaging where the main body is made of plastic material. It targets to harmonize the design for recycling standard approach for each resin.

Keel: en
Alusdokumendid: prEN 18120-1

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-10

Packaging - Design for recycling for plastic packaging - Part 10: Recyclability evaluation process for plastic packaging - Protocols for PET bottles

This document provides requirements for the evaluation process for PET Bottles with respect to compatibility of the design with recycling processes. Packaging components and ancillary elements made of other materials than PET are also covered by this document as they need to be evaluated for compatibility with the recycling processes.

Keel: en
Alusdokumendid: prEN 18120-10

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-11

Packaging - Design for recycling for plastic packaging - Part 11: Recyclability evaluation process for plastic packaging - Protocols for PET rigid packaging (except bottles)

This document covers the design of PET pots and trays with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-11

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-12

Packaging - Design for recycling for plastic packaging - Part 12: Recyclability evaluation process for plastic packaging - Protocols for PE and PP rigid packaging

This document covers the design of PE and PP rigid with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-12

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-13

Packaging - Design for recycling for plastic packaging - Part 13: Recyclability evaluation process for plastic packaging - Protocols for PE and PP flexible packaging

This document covers the design of PE and PP flexible packaging with respect to compatibility of the design with recycling processes available for PE and PP packaging. Packaging constituents and components used in/on PE and PP flexible packaging but made of materials other than PE and PP are also covered by this document as these need to be evaluated for compatibility with PE and PP mechanical recycling processes.

Keel: en
Alusdokumendid: prEN 18120-13

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-14

Packaging - Design for recycling for plastic packaging - Part 14: Recyclability evaluation process for plastic packaging - Protocols for PS and XPS packaging

This document covers recyclability evaluation process guidance for PS and XPS packaging with respect to compatibility of the design with recycling processes for the polymers used.

Keel: en
Alusdokumendid: prEN 18120-14

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-15

Packaging - Design for recycling for plastic packaging - Part 15: Recyclability evaluation process for plastic packaging - Protocols for EPS packaging

This document covers the design of EPS packaging with respect to compatibility of the design with recycling processes. Packaging constituents and packaging components made of other materials than EPS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-15

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-3

Packaging - Design for recycling of plastic packaging - Part 3: Sortability evaluation process for plastic packaging

This document is an input for a standard on the recyclability evaluation process of plastic packaging with respect to compatibility of the design with the collecting and sorting processes for the plastic used. This document covers any household plastic packaging where the main body is made of PET, PE, PP or PS material.

Keel: en
Alusdokumendid: prEN 18120-3

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-4

Packaging - Design for recycling of plastic packaging - Part 4: Guideline for PET bottles

This document covers the design of PET bottles with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-4

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-5

Packaging - Design for recycling of plastic packaging - Part 5: Guideline for PET rigid packaging (except bottles)

This document covers the design of PET rigid packaging (except bottles) with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PET are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-5

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-6

Packaging - Design for recycling for plastic packaging - Part 6: Guideline for PE and PP rigid packaging

This document covers the design of PE and PP rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this standard as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-6

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-7

Packaging - Design for recycling of plastic packaging - Part 7: Guideline for PE and PP flexible packaging

This document covers the design of PE and PP flexible packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PE and PP are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-7

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-8

Packaging - Design for recycling for plastic packaging - Part 8: Guideline for PS and XPS packaging

This document covers the design of PS and XPS rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-8

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 18120-9

Packaging - Design for recycling of plastic packaging - Part 9: Guideline for EPS packaging

This document covers the design of EPS rigid packaging with respect to compatibility of the design with the collecting, sorting, and recycling processes. Packaging constituents and packaging components made of other materials than PS are also covered by this document as they need to be evaluated on compatibility with polymer recycling.

Keel: en
Alusdokumendid: prEN 18120-9

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN ISO 13802

Plastics - Verification of pendulum impact-testing machines - Charpy, Izod and tensile impact-testing (ISO/DIS 13802:2024)

ISO 13802:2015 specifies frequency and methods for the verification of pendulum impact-testing machines used for the Charpy impact test, Izod impact test, and tensile impact test described in ISO 179-1, ISO 180, and ISO 8256, respectively. Verification of instrumented impact machines is covered insofar as the geometrical and physical properties of instrumented machines are identical to non instrumented machines. The force/work verification of instrumented machines is not covered in this International Standard.

Keel: en
Alusdokumendid: ISO/DIS 13802; prEN ISO 13802
Asendab dokumenti: EVS-EN ISO 13802:2015

Arvamusküsitluse lõppkuupäev: 29.11.2024

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 15715

Binders for paints and varnishes - Determination of turbidity (ISO/DIS 15715:2024)

ISO 15715:2003 specifies an instrumental method for determining the turbidity of clear liquids. It is applicable to resins and resin solutions, solvents, clear coating materials, monomers and any other liquids where clarity is specified.

Keel: en
Alusdokumendid: ISO/DIS 15715; prEN ISO 15715
Asendab dokumenti: EVS-EN ISO 15715:2006

Arvamusküsitluse lõppkuupäev: 29.11.2024

91 EHITUSMATERJALID JA EHITUS

EVS 927:2018/prA2

Ehituslik põletatud põlevkivi. Spetsifikatsioon, toimivus ja vastavus
Burnt shale for building materials. Specification, performance and conformity

Standardi EVS 927:2018 muudatus.

Keel: et
Muudab dokumenti: EVS 927:2018
Muudab dokumenti: EVS 927:2018+A1:2024

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 806-1
Specifications for installations inside buildings conveying water intended for human consumption - Part 1: General

This document specifies requirements for and gives recommendations on the design, installation, alteration, testing, maintenance and operation of installations inside buildings conveying water intended for human consumption (hereafter referred to as potable water installations) within buildings and, for certain purposes, pipework outside buildings but within the premises (see Figure 1). It covers the system of pipelines, fittings and connected appliances installed for supplying potable water from the delivery point to the point of use.

Keel: en
Alusdokumendid: prEN 806-1
Asendab dokumenti: EVS-EN 806-1:2001

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 806-2
Specification for installations inside buildings conveying water intended for human consumption - Part 2: Design

This document specifies requirements for and gives recommendations on the design of potable water installations according to EN 806-1.

Keel: en
Alusdokumendid: prEN 806-2
Asendab dokumenti: EVS-EN 806-2:2005

Arvamusküsitluse lõppkuupäev: 29.11.2024

93 RAJATISED

prEN 13848-6
Railway applications - Track - Track geometry quality - Part 6: Characterisation of track geometry quality

This document provides the method to characterize and classify the quality of track geometry based on parameters defined in EN 13848-1:2019. This document also specifies different track geometry classes. This document does not: - apply to lines with a nominal gauge less than 1 435 mm; - specify requirements for Urban Rail Systems.

Keel: en
Alusdokumendid: prEN 13848-6
Asendab dokumenti: EVS-EN 13848-6:2014+A1:2020

Arvamusküsitluse lõppkuupäev: 29.11.2024

97 OLME. MEELELAHUTUS. SPORT

EN 16511:2023/prA1
Modular mechanical locked floor coverings (MMF) - Specification, requirements and test method for multilayer modular panels for floating installation

This document specifies the characteristics of multilayer mechanical locked floor covering with a wear-resistant and decorative surface layer supplied in panels (either tile or plank form). The floor panels are considered suitable for domestic and commercial levels of use and designed for floating installation. This document does not apply to resilient floor panels for loose-laying according to EN ISO 20326, to multilayer wood floorings according to EN 13489, to wood veneer floor coverings according to EN 14354, to laminate floor covering according to EN 13329, EN 14978 and EN 15468 nor to products specified in EN ISO 10581, EN ISO 10582, EN ISO 24011, EN 12104 and ISO 14486. This document is applicable to areas which are subject to frequent wetting, e.g. bathrooms, laundry rooms or saunas, only if specified by the producer. This document also includes requirements for marking and packaging. In Annex A (informative), optional properties are given. In Annex B (informative), a test method for the classification of the flexibility is given.

Keel: en
Alusdokumendid: EN 16511:2023/prA1
Muudab dokumenti: EVS-EN 16511:2023

Arvamusküsitluse lõppkuupäev: 29.11.2024

prEN 16810

Resilient, textile, laminate and modular mechanical locked floor coverings, underlays - Environmental product declarations - Product category rules

This document provides product category rules (PCR) for Type III environmental product declarations (EPD) for resilient, textile, laminate and modular mechanical locked floor coverings, as well for underlays specific to these floor coverings. This document applies to the following products: - resilient floor coverings manufactured from plastics, linoleum, cork or rubber, including loose-laid mats; - textile floor coverings, including loose-laid mats, rugs and runners; - laminate floor coverings; - modular mechanical locked floor coverings; - underlays. An EPD can be developed for single or individual products, product groups and average products.

Keel: en
Alusdokumendid: prEN 16810
Asendab dokumenti: EVS-EN 16810:2017

Arvamusküsitluse lõppkuupäev: 29.11.2024

TÕLKED KOMMENTEERIMISEL

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

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

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

EVS-EN 12255-4:2023

Reoveepuhastid. Osa 4: Esimene puhastusaste

See Euroopa standard määratleb projekteerimisnõuded rajatistele ja seadmetele, mis on ette nähtud tahke aine, välja arvatud võreprahi ja liiva, eemaldamiseks puhastamata reoveest reoveepuhastites, mille rajamisel on silmas peetud elanike ja inimekvivalentide koguarvu, mis on suurem kui 50. See hõlmab esimest puhastusastet, milles rakendatakse setitamist, peenvõresid ja mikrovõresid. MÄRKUS 1 Võreprahi ja liiva eemaldamist käsitletakse standardis EN 12255-3. MÄRKUS 2 Selles dokumendis ei käsitleta üksikasjalikult surveflotatsiooni (DAF), sest munitsipaalreoveepuhastites ei ole selle kasutamine esimeses puhastusastmes levinud. Surveflotatsiooni võib kasutada esimeses puhastusastmes tööstusreovee puhul, kuid sel juhul sõltub lahendus konkreetsest rakendusest.

Keel: et
Alusdokumendid: EN 12255-4:2023

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN 13232-1:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole`i) rööbastele. Osa 1: Määratlused

Käesolev dokument määratleb heakskiidetud terminoloogia pöörmetele ja ristmetele. Jooniste kaasabil esitatakse erinevate komponentidele määratlused ja toodud nimetused on kohustuslikud kasutamiseks. Terminid ja määratlused hõlmavad pöörmete ja ristmete põhiosi ning projekteerimise geomeetriat. Üksikasjalikum, konkreetse valdkonna eriterminoloogia määratletakse standardi sarja vastavas osas. Käesolevad määratlused esitavad enamkasutatavamad terminid pöörmete ja ristmete geomeetrilise kuju ja ehituse kohta. Käesolev dokument kehtib raudteedele, millistel kasutatakse laiatallalisi (Vignole'i) tüüpi rööpaid.

Keel: et
Alusdokumendid: EN 13232-1:2023

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN 13232-4:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole'i) rööbastele. Osa 4: Käitamine, lukustamine ja tuvastamine

See standard määratleb liidesed liikuvate osade ja käitamis-, lukustus- ja tuvastusseadmete vahel ning määrab liikuvate osadega pöörmete ja ristmete põhikriteeriumid eelkirjeldatud liidese vaatepunktist. See käsitleb: — liikuvate osade alternatiivsete asendite reegleid, parameetreid ja piirhälbeid; — liikuvaid osi liikuma panevate nende käiku piiravate jõudude kriteeriume ja piiranguid.

Keel: et
Alusdokumendid: EN 13232-4:2023

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN 13232-5:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole'i) rööbastele. Osa 5: Pöörmed

See standard: — määratleb pöörmete ja nende koostisosade talitluse ning põhilised tüübid; — määratleb pöörmete ja/või nende koostisosade miinimumnõuded tootmiseks; — määrab pöörmete ja nende koostisosade täiskomplektide ning poolkomplektide ülevaatusel kasutatavad tähistused ja piirhälbed; — määratleb paigaldiste piirid ja ulatuse; — esitab pöörmete ja nende osade tuvastamise ja jälgimise meetodite loetelu; — esitab pöörmete kirjeldamiseks erisuguste alternatiivsete meetodite loetelu, kasutades järgmisi parameetreid: — pöörmete geomeetria; — konstruktsiooni tüübid; — talitlusnõuded; — projekteerimiskriteeriumid; — piirhälbed ja kontroll.

Keel: et
Alusdokumendid: EN 13232-5:2023

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN 13232-9:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole'i) rööbastele. Osa 9: Pöörmerajatised

See dokument määratleb: — geomeetrilised ja mitte-geomeetrilised vastuvõtukriteeriumid nii tehase territooriumil kui ka kliendi raudteel kokkupandud paigaldise ülevaatuseks, juhul kui paigaldis on tarnitud koostamata, osaliselt koostatuna või „komplektina"; — tarnitava paigaldise ulatuse; — jälgitavuse miinimumnõuded. Seda standardit rakendatakse üksnes tehase territooriumil või esmakordselt raudteel koostatud paigaldistele. Talitlust mõjutavad muud aspektid nagu näiteks paigaldus- ja hooldustööde läbiviimine; neid selles standardi osas ei vaadelda.

Keel: et
Alusdokumendid: EN 13232-9:2023

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN 50522:2022/prA1

Üle 1kV nimivahelduvpingega tugevvoolupaigaldiste maandamine

EVS-EN 50522:2022 muudatus

Keel: et
Alusdokumendid: EN 50522:2022/A1:2024

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN IEC 61326-1:2021

Elektrilised mõõte-, juhtimis- ja laboratooriumiseadmed. Elektromagnetilise ühilduvuse nõuded Osa 1: Üldnõuded

IEC 61326 see osa sätestab elektromagnetilise ühilduvusega (EMC) seotud häiringutaluvuse ja kiirgushäiringute nõudeid elektriseadmetele, mida toidetakse võrgust või akudelt vahelduvpingel kuni 1000 V või alalispingel kuni 1500 V või mõõdetavast elektriahelast. See osa käsitleb professionaalse kasutuse, tööstusprotsesside, tööstusliku tootmise ja haridusala valdkonda ettenähtud seadmeid. See sisaldab seadmeid ja arvutusvahendeid, mis on ette nähtud tööstuslikes ja mittetööstuslikes paigaldistes — mõõtmisteks ja katsetamiseks, — juhtimiseks, — LABORATOORSEKS kasutamiseks, — lisaseadmetena, mis on ette nähtud kasutamiseks koos eelpool mainitutega (näiteks näidiste käsitsemise seadmed). Arvutusvahendeid ja -koosteid ning muid taolisi seadmeid, mis kuuluvad infotehnoloogiaseadmete käsitlusalasse ja vastavad sellekohastele infotehnoloogiaseadmete EMC standarditele, võib kasutada süsteemides, mis vastavad IEC 61326 selle osa käsitlusalale, ilma lisakatsetusteta, kui need sobivad kasutamiseks ettenähtud elektromagnetilises keskkonnas. Üldreeglina tuleb arvestada, et see tooteperekonna standard on võrreldes vastavate EMC põhistandarditega ülimuslik. Selle standardi käsitlusalasse kuuluvad alljärgnevad seadmed. a) Elektrilised mõõte- ja katseseadmed. Siia kuuluvad seadmed, mis elektriliselt mõõdavad, kuvavad või salvestavad üht või mitut elektrilist või mitteelektrilist suurust, samuti mittemõõteseadmed, nagu signaaligeneraatorid, mõõteetalonid, toiteallikad ja muundurid. b) Elektrilised juhtimisseadmed. Siia kuuluvad seadmed, mis juhivad üht või mitut väljundsuurust ettenähtud väärtusele, mis on määratud käsitsi seadistusega, kohaliku või kaugprogrammeerimisega või ühe või mitme sisendmuutujaga. See sisaldab tööstuslike protsesside mõõtmise ja juhtimise (Industrial Process Measurement and Control, IPMC) seadmeid, mis koosnevad vahenditest nagu näiteks — protsessikontrollerid ja -regulaatorid, — programmeeritavad kontrollerid, — seadmete ja süsteemide toiteallikad (tsentraalsed või kohalikud), — analoog-/digitaalnäidikud ja salvestusseadmed, — protsessiinstrumendid, — muundurid, positsioneerimisseadised, tarktäiturid jne. c) Elektrilised LABORIseadmed, sealhulgas kehavälise diagnostika (In Vitro Diagnostic, IVD) meditsiiniseadmed Need on seadmed mida kasutatakse materjalide ettevalmistamisel või analüüsimiseks või füüsikaliste suuruste mõõtmiseks, kuvamiseks või jälgimiseks. Selliseid seadmeid võib kasutada ka mujal kui laborites. d) Ülal punktides a), b) või c) toodud seadmed, kui need on varustatud raadiofunktsiooniga komponentidega, näiteks traadita side jaoks. Selle standardi käsitlusalasse kuuluvad seadmed võivad käitada erinevates elektromagnetilistes keskkondades; sõltuvalt elektromagnetilisest keskkonnast kohaldatakse erinevaid kiirgushäiringute ja häiringutaluvuse katsetuste nõudeid. See standard käsitleb kolme tüüpi elektromagnetilisi keskkondi: • ELEKTROMAGNETILINE BAASKESKKOND, • TÖÖSTUSLIK ELEKTROMAGNETILINE KESKKOND, • KONTROLLITUD ELEKTROMAGNETILINE KESKKOND. Vastavad häiringutaluvuse katsetuste nõuded on kirjeldatud peatükis 6. Kiirgushäiringute nõuete osas liigitatakse seadmed klassi A või B vastavalt CISPR 11 nõuetele ja protseduuridele. Vastavad kiirgushäiringute nõuded on kirjeldatud peatükis 7. Määratletud kiirgushäiringute ja häiringutaluvuse nõuete eesmärk on saavutada elektromagnetiline ühilduvus käesolevas standardis käsitletud seadmete ja muude seadmete vahel, mis võivad töötada selles standardis käsitletud elektromagnetiliste keskkondadega kohtades. Juhised EMC saavutamise riski hindamiseks on toodud lisas B.

Keel: et
Alusdokumendid: IEC 61326-1:2020; EN IEC 61326-1:2021

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN IEC 61936-2:2023

Tugevvoolupaigaldised nimivahelduvpingega üle 1kV ja alalispingega üle 1,5 kV. Osa 2: Alalispinge

See standardisarja IEC 61936 osa sätestab sobival kujul üle 1,5 kV nimialalispingega elektrisüsteemide paigaldiste projekteerimise ja ehitamise nõuded, tagamaks nende kasutamise ettenähtud ohutus ja nõuetekohane toimivus. Selle dokumendis mõistetakse alalisvoolupaigaldisena ühte järgmistest: a) muundurjaam või alalisvoolu lülitusalajaam; b) ühessamas paigas asuv(ad) üks (või mitu) alalisvoolu genereerivat või salvestusseadet, nagu päikesepargid või akusalvestusseadmed, ning sisaldavad alalisvooluseadmeid ja kaableid koos kogu seotud jõuelektroonika, juhtimisaparatuuri, jaotusseadmete ja kõigi elektriliste abiseadmetega. Eri paikades asuvate alalisvoolu genereerivate või salvestusseadmete vahelised ühendused siia hulka ei kuulu; c) rannikumere platvormide alalisvoolupaigaldised elektrienergia tootmiseks, ülekandmiseks, jaotamiseks ja/või salvestamiseks; d) alalisvoolu üleminekupaigaldis (õhuliinide ja maakaablite vahel, või maakaablite eri sektsioonide vahel). Seda rahvusvahelist standardit ei rakendata järgmiste paigaldiste ja rajatiste projekteerimisel ja ehitamisel: — eri paigaldiste vahelised

õhu- ja maa-alused liinid; — elektriraudteed; — kaevandusseadmed ja -paigaldised; — paigaldised laevadel standardisarja IEC 60092 kohaselt ja rannikumere paigaldised standardisarja IEC 61892 kohaselt, mida kasutatakse rannikumere naftatööstuses puurimiseks, töötlemiseks ja ladustamiseks; — elektrostaatilised seadmed (nt elektrostaatilised sadestid, värvipihustid); — katsetamispaigad; — meditsiiniseadmed, nt meditsiinilised röntgenseadmed. — ventiilisaalid või muunduri saalid. Seda standardit ei rakendata pingealustele töödele esitatud nõuetele elektripaigaldistes. Seda standardit ei rakendata tehasetootelistele tüübikatsetatud türistorventiilidele, VSC ventiilidele ja jaotusseadmetele, mille kohta on olemas eraldi IEC standardid.

Keel: et
Alusdokumendid: IEC 61936-2:2023; EN IEC 61936-2:2023

Kommenteerimise lõppkuupäev: 30.10.2024

EVS-EN ISO 6887-1:2017/prA1

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks Osa 1: Üldeeskirjad algsuspensiooni ja kümnendlahjenduste valmistamiseks MUUDATUS 1: Nõuded ja juhised suurema katsekoguse kasutamisel kvalitatiivsete meetodite puhul

Standardi EVS-EN ISO 6887-1:2017 muudatus

Keel: et
Alusdokumendid: ISO 6887-1:2017/Amd 1:2024; EN ISO 6887-1:2017/A1:2024

Kommenteerimise lõppkuupäev: 30.10.2024

prEN 15269-2

Uste, luukide ja avatavate akende ning nende suluste tulepüsivuse ja/või suitsupidavuse katsetulemuste kasutusulatuse laiendamine. Osa 2:Hingedega ja pöördtelgedega metallist uksekomplektide tulepüsivus

See dokument hõlmab ühe- ja kahepoolseid, hingedega ja pöördtelgedega terasel põhinevaid uksekomplekte, välja arvatud terasest uksekomplektid, mille metall raamidega ukselehed on kaetudEN15269 5. See näeb ette reeglid standardi EN 1634-1 kohaselt läbiviidud tulepüsivuskatse(te)st saadud katsetulemuste kasutusulatuse laiendamiseks. Kui asjakohane katse või katsed on tehtud, võib laiendatud kasutusulatus hõlmata kõiki või mõnda järgmistest näidetest: — terviklikkuse (E), terviklikkuse ja soojuskiirguse (EW) või terviklikkuse ja soojusisolatsioonivõime (EI1 või EI2) klassifikatsioonid; — ukseleht; — külgpaneelid, framuugipaneelid, siledad ülapaneelid; — siirdeõhurestid (nt. ventilatsioonirestid/ventilatsiooniavad); — tugitarindi (nt sein, lagi) külge kinnitatud komponente(nt. leng/riputussüsteem); — uksekomplektis olev klaasing (nt ukselehes, külje-, framuugi- ja siledates ülapaneelides); — akna- ja uksetarvikud; — dekoratiivsed ja/või kaitsvad viimistluskihid; — paisuvad tihendid, ribad ja mittepaisuvad (suitsu-, tuuletõkke- või helitõkke-) tihendid; — alternatiivsed tugitarindid. See dokument ei hõlma horisontaalseid uksekomplekte. Käesolevas dokumendis ei käsitleta mõju uksekomplektide klassifikatsioonile C pärast laiendatud kasutusulatuse protsessi.

Keel: et
Alusdokumendid: prEN 15269-2

Kommenteerimise lõppkuupäev: 30.10.2024

prEVS-EN 13480-4

Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine

Euroopa standardi see osa määratleb nõuded standardi EN 13480-3:2024 alusel projekteeritud torustike, sh tugede, tootmiseks ja paigaldamiseks.

Keel: et
Alusdokumendid: EN 13480-4:2024

Kommenteerimise lõppkuupäev: 30.10.2024

prEVS-EN 14587-2

Raudteealased rakendused. Infrastruktuur. Rööbaste kontaktkeevitus. Osa 2: Uute R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT klassi rööbaste keevitamine mobiilsete keevitusseadmetega väljaspool statsionaarseid keevituskohti

See dokument määrab kindlaks nõuded mobiilsete seadmete keevitusprotsessi heakskiitmiseks koos nõuetega keevitustootmisele. See kehtib uutele Vignole raudteerööbastele R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT 46 kg/m ja rohkem, nagu on sätestatud standardis EN 13674-1:20171+1:2017, mis on keevitatud kontaktkeevitusprotsessiga mobiilsete seadmetega ja on ette nähtud kasutamiseks raudteeinfrastruktuuris. See dokument kehtib rööbaste liitmiseks rööpaniitideks keevitamise teel.

Keel: et
Alusdokumendid: EN 14587-2:2024

Kommenteerimise lõppkuupäev: 30.10.2024

prEVS-ISO 1087

Terminoloogiatöö ja terminiõpetus. Sõnavara

See dokument kehtestab terminoloogiatöö ja terminiõpetuse põhiterminid ja määratlused. Ta ei sisalda termineid ja määratlusi, mis on omased terminoloogiatöös kasutatavatele arvutirakendustele.

Keel: et
Alusdokumendid: ISO 1087:2019

Kommenteerimise lõppkuupäev: 30.10.2024

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

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

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

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

EVS 927:2018/prA2

Ehituslik põletatud põlevkivi. Spetsifikatsioon, toimivus ja vastavus
Burnt shale for building materials. Specification, performance and conformity

Standardi EVS 927:2018 muudatus.

Muudab dokumenti: EVS 927:2018
Muudab dokumenti: EVS 927:2018+A1:2024
Koostamisettepaneku esitaja: Enefit Power AS

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 620-6:2014

Tuleohutus. Tekstiilsed sisustusmaterjalid
Fire safety - Textile furnishing materials

See standard sätestab tekstiilsete sisustusmaterjalide kasutustingimused eri otstarbega ruumides sõltuvalt materjalide põlemisomadustest.

Pikendamisküsitluse lõppkuupäev: 30.10.2024

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 62870:2015

Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements

This standard specifies protective provisions for the operation of lamp systems powered by series circuits in aeronautical ground lighting. The protective provisions described here refer only to secondary supply systems for loads that are electrically separated from the series circuit. This standard specifies the level of SELV, and alternatively PELV, under consideration of additional personnel protection during work on live secondary circuits by electrically skilled persons. This standard also covers the special operational features of aeronautical ground lighting and addresses the level of training and the requirements for maintenance procedures detailed in IEC 61821. The requirements and tests are intended to set a specification framework for system designers, users, and maintenance personnel to ensure a safe and economic use of electrical systems in installations for the beaconing of aerodromes. This document complements existing IEC AGL Standards and can be used as a design specification.

Keel: en
Alusdokumendid: EN 62870:2015; IEC 62870:2015
Tühistamisküsitluse lõppkuupäev: 30.10.2024

EVS-EN ISO 7547:2005

Ships and marine technology - Air-conditioning and ventilatiion of accommodation spaces - Design conditions and basis of calculations

This International Standard specifies design conditions and methods of calculation for air-conditioning and ventilation of accommodation spaces and the radio cabin on board seagoing merchant ships for all conditions except those encountered in extremely cold or hot climates (i.e. with lower or higher conditions than those stated in 4.2 and 4.3).

Keel: en
Alusdokumendid: ISO 7547:2002; EN ISO 7547:2004
Tühistamisküsitluse lõppkuupäev: 30.10.2024

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 10088-2:2024

Roostevabad terased. Osa 2: Üldotstarbeliste korrosioonikindlatest terastest valmistatud lehtede/plaatide ja ribade tehnilised tarnetingimused
Stainless steels - Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resistant steels for general purposes

See dokument spetsifitseerib tehnilised tarnetingimused üldotstarbelistele standard- ja eriklasside korrosioonikindlatest roostevabadest terastest kuum- või külmvaltsitud lehtedele/plaatidele ja ribadele. MÄRKUS Üldotstarbelisus sisaldab roostevabade teraste kasutamist kontaktis toiduainetega. Üldised tehnilised tarnetingimused, mis on spetsifitseeritud standardis EN 10021, rakenduvad lisaks selle dokumendi spetsifikatsioonidele, kui selles dokumendis ei ole teisiti määratud. See dokument ei kehti komponentidele, mis on valmistatud ülaltoodud tootevormide edasisel töötlemisel ja mille kvaliteediomadused on sellise edasise töötlemise tulemusena muutunud.

EVS-EN 12004-2:2017

Plaatimissegud ja liimid keraamilistele plaatidele. Osa 2: Katsemeetodid
Adhesives for ceramic tiles - Part 2: Test methods

See Euroopa standard määrab kindlaks meetodid keraamiliste plaatide sise- ja välispaigaldamisel kasutatavate segude ja liimide omaduste määramiseks. See Euroopa standard ei sisalda toimivusnõudeid ega soovitusi keraamiliste plaatide kavandamiseks ja paigaldamiseks. Kirjeldatakse järgmisi katsemeetodeid: — paigaldatavusaja määramine (8.1); — nihke määramine (8.2); — tsemendisegude tõmbenakketugevuse määramine (8.3); — dispersioonliimide nihkenakketugevuse määramine (8.4); — reaktsioonvaikliimide nihkenakketugevuse määramine (8.5); — tsemendisegude põikdeformatsiooni määramine (8.6). MÄRKUS Keraamiliste plaatide paigaldamiseks kasutatavaid segusid ja liime võib kasutada ka teiste plaaditüüpide puhul (looduslikud ja tehiskivid jne), kui see neid kive ei kahjusta. HOIATUS! See Euroopa standard võib hõlmata ohtlikke materjale ja toiminguid. Seda standardit kasutavad isikud peaksid tundma tavapärast laboripraktikat. See Euroopa standard ei käsitle kõiki selle kasutamisega seotud ohutusprobleeme, kui neid on. Kasutaja vastutab asjakohaste ohutus- ja tervishoiutavade kehtestamise ning kõigi Euroopa ja riiklike regulatiivsete tingimuste järgimise eest.

EVS-EN 14437:2022

Paigaldatud keraamiliste või betoonkatusekivide tõstekindluse määramine. Katusesüsteemi katsemeetod
Determination of the uplift resistance of installed clay or concrete tiles for roofing - Roof system test method

See dokument määrab kindlaks katsemeetodi asjakohasele tootestandardile EN 490 või EN 1304 vastavate aluskonstruktsiooni külge kinnitamata või mehaaniliselt kinnitatud paigaldatud keraamiliste või betoonkatusekivide tõstekindluse kindlakstegemiseks. MÄRKUS See katsemeetod on välja töötatud keraamiliste või betoonkatusekivide jaoks, kuid seda võib rakendada ka teistele katkendlikult paigaldatud väikestele elementidele, nagu näiteks kiltkivi, tsementkiudplaadid, katusekivid, ja vastavalt kohandatud fotogalvaanilistele ja päikeseküttepaneelidele. See katsemeetod on rakendatav mehaanilistele kinnititele, nagu näiteks klambrid, konksud, kruvid ja naelad. Meetod ei ole rakendatav fikseeritud kivide puhul, mille kinnitusmustri järgi on fikseeritud vähem kui iga kolmas kivi. See katsemeetod ei ole rakendatav serva- ja harjakividele. Selliste kivide näited on toodud lisas F.

EVS-EN 16942:2024

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

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

EVS-EN 480-6:2024

Betooni, mördi ja süstmördi keemilised lisandid. Katsemeetodid. Osa 6: Infrapunaanalüüs
Admixtures for concrete, mortar and grout - Test methods - Part 6: Infrared analysis

See dokument spetsifitseerib keemiliste lisandite identifitseerimise meetodi infrapunaanalüüsi (IP) abil.

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

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

Muudatus standardile EN 60601-1:2006

EVS-EN 60601-1:2006+A1+A12+A2+A13:2024

Elektrilised meditsiiniseadmed. Osa 1: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 1: General requirements for basic safety and essential performance (IEC 60601-1:2005 + IEC 60601-1:2005/A1:2012 + IEC 60601-1:2005/A2:2020)

See rahvusvaheline standard kehtib elektriliste meditsiiniseadmete ja elektrilistemeditsiinisüsteemide (edaspidi EM-seadmete ja EM-süsteemide) esmaseohutuse ja oluliste toimimisnäitajate kohta. Juhul kui mingi jaotis või alajaotis on spetsiaalselt ette nähtud kohaldamiseks üksnes EM-seadmetele või üksnes EM-süsteemidele, on seda vastavas jaotises või alajaotises öeldud. Kui nii pole öeldud, on see jaotis või alajaotis asjakohaselt kohaldatav nii EM-seadmetele kui ka EM-süsteemidele. Ohud, mis on omased käesoleva standardi käsitlusalas oleva EM-seadme või EM-süsteemi ettenähtud füsioloogilisele toimele, ei ole Selles standardis kaetud spetsiifiliste nõuetega, v.a alajaotistes 7.2.13 ja 8.4.1. !MÄRKUS 1" Vt ka 4.2. !kustutatud tekst" !Standardisari IEC 60601 ei ole kohaldatav: standardisarjaga IEC 61010 kaetud in vitro diagnostikameditsiiniseadmetele, mis ei lange EM-seadme määratluse alla [61]; standardisarjaga ISO 14708 kaetud aktiivsete siirdatavate meditsiiniseadmete siirdatavatele osadele [69]; või standardiga ISO 7396-1 kaetud meditsiinilise gaasi torusüsteemidele [68]. MÄRKUS 2 ISO 7396-1 sätestab IEC 60601-1-8 nõuded teatud jälgimis- ja alarmsignaalidele." * EE MÄRKUS IEC 61010 (kõik osad). Safety requirements for electrical equipment for measurement, control and laboratory use. * EE MÄRKUS ISO 14708-1. Implants for surgery – Active implantable medical devices – Part 1: General requirements for safety, marking and for information to be provided by the manufacturer.

EVS-EN IEC 60601-2-54:2024

Elektrilised meditsiiniseadmed. Osa 2-54: Erinõuded radiograafias ja fluoroskoopias kasutatavate röntgenseadmete esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy (IEC 60601-2-54:2022)

Kohaldatav on standardi IEC 60601-1:2005 ja selle muudatuste IEC 60601-1:2005/AMD1:2012 ja IEC 60601-1:2005/AMD2:2020 peatükk 1 järgmiste erisustega: 201.1.1 Käsitlusala Asendus: See dokument on kohaldatav projektsioonRADIOGRAAFIAS ja KAUDFLUOROSKOOPIAS kasutamiseks ettenähtud EM-SEADMETE ja EM-SÜSTEEMIDE ESMASELE OHUTUSELE ja OLULISTELE TOIMIMISNÄITAJATELE. Standard IEC 60601-2-43 on kohaldatav menetlusradioloogias kasutamiseks ettenähtud EM-SEADMETELE ja EM-SÜSTEEMIDELE ning selles viidatakse siinse eristandardi asjakohastele nõuetele. Selle dokumendi käsitlusalasse ei kuulu luu või koe absorptsioondensitomeetrias, kompuutertomograafias, mammograafias, dentaalradioloogias ega kiiritusravis kasutamiseks ettenähtud EM-SEADMED ja EM-SÜSTEEMID. Selle dokumendi käsitlusalasse ei kuulu ka kiiritusravi simulaatorid. Kui peatükk või jaotis on eristavalt kohaldatav ainult EM-SEADMETELE või ainult EM-SÜSTEEMIDELE, on seda väljendatud peatüki või jaotise pealkirjas või sisus. Kui seda pole tehtud, on peatükk või jaotis asjakohaselt kohaldatav nii EM-SEADMETELE kui ka EM-SÜSTEEMIDELE.

EVS-EN ISO/IEC 27005:2024

Infoturve, küberturve ja privaatsuskaitse. Infoturvariskide haldamise juhend

Information security, cybersecurity and privacy protection - Guidance on managing information security risks (ISO/IEC 27005:2022)

See dokument annab juhiseid organisatsioonide abistamiseks — infoturvariskide käsitlemise toiminguid puudutavate standardi ISO/IEC 27001 nõuete täitmisel; — infoturvariski halduse tegevuste, eriti infoturvariski kontrolli ja käsitluse sooritamisel. See dokument on kohaldatav kõigis organisatsioonides sõltumata nende tüübist, suurusest või majandussektorist.

STANDARDIPEALKIRJADE MUUTMINE

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

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12004-2:2017	Adhesives for ceramic tiles - Part 2: Test methods	Plaatimissegud ja liimid keraamilistele plaatidele. Osa 2: Katsemeetodid
EVS-EN 14437:2022	Determination of the uplift resistance of installed clay or concrete tiles for roofing - Roof system test method	Paigaldatud keraamiliste või betoonkatusekivide tõstekindluse määramine. Katusesüsteemi katsemeetod

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2001/95/EÜ
Üldine tooteohutus
Komisjoni rakendusotsus 2024/2406 (EL Teataja 2024/L 13.09.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 12790-1:2023 Lapsehooldustooted. Kallutatud lamamisasendiga hällid (ehk kaldhällid). Osa 1: Kaldhällid lastele, kes veel ei tõuse istuma	13.09.2024		
EVS-EN 12790-2:2023 Lapsehooldustooted. Kallutatud lamamisasendiga hällid (ehk kaldhällid). Osa 2: Kaldhällid lastele, kes veel ei tõuse püsti	13.09.2024		
EVS-EN 14344:2022 Lapsehooldustooted. Laste jalgrattatoolid. Ohutusnõuded ja katsemeetodid	13.09.2024	EN 14344:2004	13.03.2026
EVS-EN 16890:2017+A1:2021 Lastemööbel. Hällide ja võrevoodite madratsid. Ohutusnõuded ja katsemeetodid	13.09.2024	EN 16890:2017	13.03.2026
EVS-EN 17191:2021 Lastemööbel. Lasteistmed. Ohutusnõuded ja katsemeetodid	13.09.2024		
EVS-EN 50689:2021 Lasertoodete ohutus. Erinõuded tarbijatele mõeldud lasertoodetele	13.09.2024		
EVS-EN 913:2018+A1:2021 Võimlemisvarustus. Üldised ohutusnõuded ja katsemeetodid	13.09.2024	EN 913:2018	13.03.2026

Direktiiv 2006/42/EÜ
Masinad
Komisjoni rakendusotsus 2024/2408 (EL Teataja 2024/L 16.09.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 13557:2024 Kraanad. Juhtimisseadmed ja juhtimispunktid	16.09.2024	EN 13557:2003+A2:2008	16.03.2026
EVS-EN 1570-1:2024 Platvormtõstukite ohutusnõuded. Osa 1: Kuni kahte kohtkindlat platvormi teenindavad platvormtõstukid	16.09.2024	EN 1570-1:2011+A1:2014	16.03.2026

EVS-EN 16005:2023+A1:2024 Masinkasutusega uksed. Kasutusohutus. Nõuded ja katsemeetodid	16.09.2024	EN 16005:2012;EN 16005:2012/AC:2015	16.03.2026
EVS-EN ISO 3164:2013/A1:2024 Mullatöömasinad. Kaitsekonstruktsioonide laboratoorne hindamine. Piirmahu spetsifikatsioon läbipaindele	16.09.2024		

Direktiiv 2014/35/EL
Madalpinge

Komisjoni rakendusotsus 2023/600 (EL Teataja 2023/L 17.03.2023)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN IEC 60335-2-11:2022+A11:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-11: Erinõuded trummelkuivatitele	17.03.2023		