



EVS Teataja

Avaldatud 16.08.2022

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 50419:2022

Elektri- ja elektroonikaseadmete märgistamine seoses elektri- ja elektroonikaromu eraldi kogumisega

Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)

Selles dokumendis määratletakse märgistus — elektri- ja elektroonikaseadmetel eesmärgiga vähendada elektri- ja elektroonikaromu ladestamist sorteerimata jäätmetena ja võimaldada selle eraldi kogumist; MÄRKUS 1 See on kooskõlas direktiivi 2012/19/EL artikliga 14(4). — mis aitab selgelt tuvastada seadme tootjat ning — mis näitab, et seade on toodud turule pärast 13. augustit 2005; MÄRKUS 2 See on kooskõlas direktiivi 2012/19/EL artiklitega 12(3) ja 15(2). — mida rakendatakse elektri- ja elektroonikaseadmete kategooriatele, mille suhtes kehtivad Euroopa ja riiklikes eeskirjades sätestatud elektri- ja elektroonikaromu kogumise, töötlemise, taastamise ja keskkonnaohutu ladestamise nõuded eeldusel, et vastav seade ei moodusta osa muud tüüpi seadmetest, mis ei kuulu eespool nimetatud regulatsioonide kohaldamisalasse. MÄRKUS 3 See on kooskõlas direktiivi 2012/19/EL artikliga 2 ja I kuni IV lisaga [1]. See dokument ei hõlma tootja masinapõhiseks identifitseerimiseks kasutatava tehnilise andmekandja, nagu näiteks vöötkoodi, elektroonilise andmekandja või kiibi määratlust.

Keel: en, et

Alusdokumendid: EN 50419:2022

Asendab dokumenti: EVS-EN 50419:2006

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

CEN/TS 17834:2022

European Professional Ethics Framework for the ICT Profession (EU ICT Ethics)

This document will provide an "European Professional Ethics Framework for the ICT Profession (EU ICT Ethics)" to support the vision of establishing a profession for the ICT workforce. It will thereby offer the possibility to coalesce other ethics focused initiatives around a common structure. This ethics framework will be directly linked to EN 16234-1. It will incorporate the structural concept of EN 16234-1 and, in a comparable way, describe a blueprint of what is required and what competencies, skills and knowledge are needed to identify and address the ethical challenges that ICT professionals face in their work. Therefore it will extend the ethics principles already described in the "Transversal Aspects of the e-Competence Framework" in such a way that concrete requirements and procedures can be defined and implemented in the respective context on the basis of the roles, methods and processes defined in the framework. The Scope therefore is to crystalize "ICT Professional Ethics" into a manageable, structure "European Professional Ethics Framework for the ICT Profession" and to provide guidance on practical application provided by a methodology and application guide that will support the establishment of codes of ethics.

Keel: en

Alusdokumendid: CEN/TS 17834:2022

EVS-EN 17649:2022

Gas infrastructure - Safety Management System (SMS) and Pipeline Integrity Management System (PIMS) - Functional requirements

This document specifies requirements on the development and implementation of a Safety Management System (SMS) and a Pipeline Integrity Management System (PIMS). The SMS is applicable for system operators of a gas infrastructure. The PIMS is applicable for system operators of gas infrastructure with a maximum operating pressure (MOP) over 16 bar. This document refers to all activities and processes related to safety aspects and performed by system operators of a gas infrastructure, including those activities entrusted to contractors. It includes safety-related provisions on operation of the gas infrastructure. This document is applicable to infrastructure for the conveyance of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686 and gases such as biomethane and hydrogen and to mixtures of these gases with natural gas. This document covers also gases classified as group H, that are to be transmitted, injected into and from storages, distributed and utilized, as specified in EN 16726. For the requirements and test methods for biomethane at the point of entry into a natural gas network, reference is made to EN 16723-1. This document can be applied for gas infrastructure conveying gases of the 3rd gas family as classified in EN 437 or for other gases such as carbon dioxide. Specific requirements for occupational health and safety are excluded from this document. For these, other European and/or international standards, e.g. ISO 45001, apply. This document specifies common basic principles for gas infrastructure. It is important that users of this document are expected to be aware that more detailed national standards and/or codes of practice exist in the CEN member countries. This document is intended to be applied in association with these national standards and/or codes of practice setting out the above-mentioned basic principles. In the event of conflicts in terms of more restrictive requirements in national legislation/regulation with the requirements of this document, the national legislation/regulation takes precedence as illustrated in CEN/TR 13737 (all parts). NOTE CEN/TR 13737 (all parts) contains: - clarification of relevant legislation/regulations applicable in a country; - if appropriate, more restrictive national requirements; - national contact points for the latest information.

Keel: en

Alusdokumendid: EN 17649:2022

Asendab dokumenti: EVS-EN 15399:2018

Asendab dokumenti: EVS-EN 16348:2013

EVS-EN ISO 19443:2022

Quality management systems - Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS) (ISO 19443:2018)

This International Standard specifies requirements for a quality management system when an organization: a) needs to demonstrate its ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements, and b) aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements. All the requirements of this International Standard are generic and are intended to be applicable to any organization, regardless of its type or size, or the products and services it provides. NOTE 1 In this International Standard, the terms "product" or "service" only apply to products and services intended for, or required by, a customer. NOTE 2 Statutory and regulatory requirements can be expressed as legal requirements. This International Standard applies to organizations supplying ITNS products or services. Application of this standard to organizations performing activities on a licensed nuclear site is subject to prior agreement by the Licensee. Requirements specified in this International Standard are complementary (not alternative) to customer and applicable statutory and regulatory requirements.

Keel: en

Alusdokumendid: ISO 19443:2018; EN ISO 19443:2022

EVS-EN ISO 41018:2022

Facility management - Development of a facility management policy (ISO 41018:2022)

This document gives guidance on the development of a facility management (FM) policy when the organization: a) intends to establish a framework for setting FM objectives and the effective management of risk; b) intends to achieve alignment between the FM strategy and operational FM requirements; c) wants to improve the usefulness and benefits provided by the FM system; d) aims to meet the needs of interested parties and applicable FM requirements consistently; e) aims to be sustainable.

Keel: en

Alusdokumendid: ISO 41018:2022; EN ISO 41018:2022

11 TERVISEHOOLDUS

EVS-EN 14885:2022

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

Selles dokumendis täpsustatakse Euroopa standardid, millele tooted peavad vastama, et toetada selles dokumendis osutatud väiteid mikrobiitsidse toime kohta. Selles dokumendis täpsustatakse ka Euroopa standardis kasutatavad terminid ja määratlused. Seda kohaldatakse toodete suhtes, mille puhul väidetakse toimet järgmiste mikroorganismide suhtes: vegetatiivsed bakterid (sealhulgas mükobakterid ja Legionella), bakteriaalsed spoorid, pärmseened, seene spoorid ja viirused (sealhulgas bakteriofaagid). See on ette nähtud a) võimaldama toodete tootjatel valida sobivad standardid, mida kasutada andmete esitamiseks, mis toetavad nende väiteid konkreetse toote kohta; b) võimaldama toote kasutajatel hinnata tootja esitatud teavet kasutusotstarbe kohta, mille jaoks nad kavatsevad toodet kasutada; c) aitama reguleerivatel asutustel hinnata tootja või toote turuleviimise eest vastutava isiku esitatud nõudeid. Seda kohaldatakse toodete suhtes, mida kasutatakse inimmeditsiinis, veterinaariavaldkonnas ning toidu-, tööstus-, kodumajapidamis- ja ametkondlikus valdkonnas. Inimmeditsiini valdkonnas (töörühm 1 ehk WG 1) kohaldatakse seda keemiliste desinfektsioonivahendite ja antiseptikumide suhtes, mida kasutatakse piirkondades ja olukordades, kus on meditsiiniliselt osutatud desinfektsioonile või antiseptikale. Sellised näidustused esinevad patsiendi hooldamisel — haiglates, kogukonna meditsiinasutustes, hambaraviasutustes ning analüüside ja uurimiste meditsiinilaborites; — koolide, lasteaedade ja hooldekodude kliinikutes — ning võib esineda ka töökohal ja kodus. See võib hõlmata ka selliseid teenuseid nagu pesumaja ja köögid, mis tarnivad tooteid otse patsiendile. Veterinaariavaldkonnas (WG 2) on see kasutatav keemiliste desinfektsioonivahendite ja antiseptikumide jaoks, mida kasutatakse aretuses, loomakasvatuses, veterinaarhooldusasutustes, tootmisel, loomade transportimisel ja kõrvaldamisel ning analüüside ja teadustöö meditsiinilaborites. Seda ei kohaldata keemiliste desinfektsioonivahendite suhtes, mida kasutatakse toiduahelas pärast surma ja töötlevasse tööstusesse sisenemist. Toidu-, tööstus-, kodumajapidamis- ja ametkondlikus valdkonnas (WG 3) on see kohaldatav loomset või taimset päritolu toidu töötlemisel, turustamisel ja jaemüügil kasutatavate keemiliste desinfektsioonivahendite ja antiseptikumide suhtes. See kehtib ka toodete kohta kõikides avalikes kohtades, kus desinfektsioon ei ole meditsiiniliselt näidustatud (kodud, toitlustus, koolid, lasteaedad, transport, hotellid, kontorid jne), ja toodetele, mida kasutatakse pakendamiseks, biotehnoloogias, laborites (välja arvatud laborid veterinaaria ja meditsiini analüüsideks ja teadustööks), farmaatsia-, kosmeetika- jms tööstuses. See dokument on kohaldatav ka väljatöötamisel olevatele toimeainetele ja toodetele, mille kasutusala pole veel kindlaks määratud. Seda dokumenti uuendatakse perioodiliselt, et kajastada iga ajakohase avaldatud standardi versiooni, mis on tehnilises komitees CEN/TC 216 välja töötatud. Sõltumata sellest uuendusest tuleb kasutada uusi avaldatud standardeid, isegi kui need ei ole standardis EN 14885 mainitud. See dokument ei viita toodete või toimeainete toksikoloogiliste ja ökotoksikoloogiliste omaduste katsetamise meetoditele.

Keel: en, et

Alusdokumendid: EN 14885:2022

Asendab dokumenti: CEN/TR 17296:2018

Asendab dokumenti: EVS-EN 14885:2018

[EVS-EN 16616:2022](#)

Chemical disinfectants and antiseptics - Chemical-thermal textile disinfection - Test method and requirements (phase 2, step 2)

This document specifies a test method and the minimum requirements for the microbicidal activity of a defined disinfection process for the treatment of contaminated textile. This procedure is carried out by using a washing machine as defined in 5.3.2.18 and refers to the disinfection step without prewash. This procedure is not limited to certain types of textile. The suppliers' instructions are expected to be sufficient to allow the method in this document to be carried out fully (e.g. dosing disinfectant in whatever washing phase e.g. main wash, rinsing, disinfecting at 40 °C). This document applies to areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example: — in hospitals, in community medical facilities, and in dental institutions; — in clinics of schools, of kindergartens, and of nursing homes; and could occur in the workplace and in the home. It could also include services such as laundries and kitchens supplying products directly for the patients. The method described is intended to determine the activity of a product or product combination under the conditions in which they are used. This is a phase 2, step 2 laboratory test that simulates the conditions of application of the product. NOTE This method corresponds to a phase 2, step 2 test (see EN 14885). EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

Keel: en

Alusdokumendid: EN 16616:2022

Asendab dokumenti: EVS-EN 16616:2015

[EVS-EN ISO 14708-2:2022](#)

Kirurgilised implantaadid. Aktiivsed implanteeritavad meditsiiniseadmed. Osa 2: Südamestimulaatorid

Implants for surgery - Active implantable medical devices - Part 2: Cardiac pacemakers (ISO 14708-2:2019)

This document specifies requirements that are applicable to those active implantable medical devices intended to treat bradyarrhythmias and devices that provide therapies for cardiac resynchronization. The tests that are specified in this document are type tests, and are to be carried out on samples of a device to show compliance. This document was designed for bradyarrhythmia pulse generators used with endocardial leads or epicardial leads. At the time of this edition, the authors recognized the emergence of leadless technologies for which adaptations of this part will be required. Such adaptations are left to the discretion of manufacturers incorporating these technologies. This document is also applicable to some non-implantable parts and accessories of the devices (see Note 1). The electrical characteristics of the implantable pulse generator or lead are determined either by the appropriate method detailed in this particular standard or by any other method demonstrated to have an accuracy equal to, or better than, the method specified. In case of dispute, the method detailed in this particular standard applies. Any features of an active implantable medical device intended to treat tachyarrhythmias are covered by ISO 14708-6. NOTE 1 The device that is commonly referred to as an active implantable medical device can in fact be a single device, a combination of devices, or a combination of a device or devices and one or more accessories. Not all of these parts are required to be either partially or totally implantable, but there is a need to specify some requirements of non-implantable parts and accessories if they could affect the safety or performance of the implantable device. NOTE 2 In this document, terms printed in italics are used as defined in Clause 3. Where a defined term is used as a qualifier in another term, it is not printed in italics unless the concept thus qualified is also defined.

Keel: en

Alusdokumendid: ISO 14708-2:2019; EN ISO 14708-2:2022

[EVS-EN ISO 14708-3:2022](#)

Implants for surgery - Active implantable medical devices - Part 3: Implantable neurostimulators (ISO 14708-3:2017)

ISO 14708-3:2017 is applicable to active implantable medical devices intended for electrical stimulation of the central or peripheral nervous system. The tests that are specified in this document are type tests and are to be carried out on a sample of a device to assess device behavioural responses, and are not intended to be used for the routine testing of manufactured products.

Keel: en

Alusdokumendid: ISO 14708-3:2017; EN ISO 14708-3:2022

[EVS-EN ISO 14708-4:2022](#)

Kirurgilised implantaadid. Aktiivsed implanteeritavad meditsiiniseadmed. Osa 4: Implanteeritavad infusioonipumbad

Implants for surgery - Active implantable medical devices - Part 4: Implantable infusion pump systems (ISO 14708-4:2022)

This document specifies particular requirements for active implantable medical devices intended to deliver a medicinal substance to site-specific locations within the human body, to provide basic assurance of safety for both patients and users. It amends and supplements ISO 14708-1:2014. The requirements of this document take priority over those of ISO 14708-1. This document is applicable to active implantable medical devices intended to deliver medicinal substances to site-specific locations within the human body. This document is also applicable to some non-implantable parts and accessories of the devices defined in Clause 3. The tests that are specified in this document are type tests intended to be carried out on a sample of a device to show compliance and are not intended to be used for the routine testing of manufactured products. NOTE This document is not intended to apply to non-implantable infusion systems.

Keel: en

Alusdokumendid: ISO 14708-4:2022; EN ISO 14708-4:2022

[EVS-EN ISO 14708-5:2022](#)

Kirurgilised implantaadid. Aktiivsed implanteeritavad meditsiiniseadmed. Osa 5: Vereringet toetavad seadmed

Implants for surgery - Active implantable medical devices - Part 5: Circulatory support devices (ISO 14708-5:2020)

This document specifies requirements for safety and performance of active implantable circulatory support devices, including type tests, animal studies and clinical evaluation requirements. NOTE The device that is commonly referred to as an active implantable medical device can in fact be a single device, a combination of devices, or a combination of a device or devices and one or more accessories. Not all of these parts are required to be either partially or totally implantable, but there is a need to specify main requirements of non-implantable parts and accessories if they could affect the safety or performance of the implantable device. The tests that are specified in this document are type tests and are to be carried out on a sample of a device to assess device behavioural responses and are not intended to be used for the routine testing of manufactured products. Included in the scope of this document are: — ventricular assist devices (VAD), left or right heart support; — total artificial hearts (TAH); — biventricular assist devices (biVAD); — percutaneous assist devices; — paediatric assist devices.

Keel: en

Alusdokumendid: ISO 14708-5:2020; EN ISO 14708-5:2022

[EVS-EN ISO 14708-6:2022](#)

Kirurgilised implantaadid. Aktiivsed implanteeritavad meditsiiniseadmed. Osa 6: Erinõuded tahhüarütmia raviks mõeldud aktiivsetele siirdatavatele meditsiiniseadmetele (sealhulgas siirdatavatele defibrillaatoritele)

Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (ISO 14708-6:2019)

This document specifies requirements that are applicable to implantable cardioverter defibrillators and CRT-Ds and the functions of active implantable medical devices intended to treat tachyarrhythmia. The tests that are specified in ISO 14708 are type tests and are to be carried out on samples of a device to show compliance. This document was designed for tachyarrhythmia pulse generators used with either endocardial leads or epicardial leads. At the time of this edition, the authors recognized the emergence of technologies that do not use endocardial or epicardial leads for which adaptations of this part will be required. Such adaptations are left to the discretion of manufacturers incorporating these technologies. This document is also applicable to some non-implantable parts and accessories of the devices (see Note 1). The characteristics of the implantable pulse generator or lead shall be determined by either the appropriate method detailed in this document or by any other method demonstrated to have accuracy equal to, or better than, the method specified. In the case of dispute, the method detailed in this document shall apply. Any aspect of an active implantable medical device intended to treat bradyarrhythmias or cardiac resynchronization is covered by ISO 14708-2. NOTE 1 The device that is commonly referred to as an active implantable medical device can in fact be a single device, a combination of devices, or a combination of a device or devices and one or more accessories. Not all of these parts are required to be either partially or totally implantable, but there is a need to specify some requirements of non-implantable parts and accessories if they could affect the safety or performance of the implantable device. NOTE 2 In this document, terms printed in italics are used as defined in Clause 3. Where a defined term is used as a qualifier in another term, it is not printed in italics unless the concept thus qualified is also defined.

Keel: en

Alusdokumendid: ISO 14708-6:2019; EN ISO 14708-6:2022

[EVS-EN ISO 14708-7:2022](#)

Kirurgilised implantaadid. Aktiivsed implanteeritavad meditsiiniseadmed. Osa 7: Sisekõrva implantaadisüsteemide erinõuded

Implants for surgery - Active implantable medical devices - Part 7: Particular requirements for cochlear and auditory brainstem implant systems (ISO 14708-7:2019)

This document specifies requirements that are applicable to those active implantable medical devices that are intended to treat hearing impairment via electrical stimulation of the auditory pathways. Devices which treat hearing impairment via means other than electrical stimulation are not covered by this document. The tests that are specified in this document are type tests and are to be carried out on samples of a device to show compliance. This document is also applicable to non-implantable parts and accessories of the devices (see NOTE). The electrical characteristics of the implantable part are determined by either the appropriate method detailed in this document or by any other method demonstrated to have an accuracy equal to, or better than, the method specified. In the case of dispute, the method detailed in this document applies. NOTE A device that is commonly referred to as an active implantable medical device can in fact be a single device, a combination of devices, or a combination of a device or devices and one or more accessories. Not all of these parts are required to be either partially or totally implantable, this document specifies those requirements of non-implantable parts and accessories which could affect the safety or performance of the implantable part.

Keel: en

Alusdokumendid: ISO 14708-7:2019; EN ISO 14708-7:2022

[EVS-EN ISO 20342-1:2022](#)

Assistive products for tissue integrity when lying down - Part 1: General requirements (ISO 20342-1:2022)

This document specifies general requirements and related test methods that are relevant to assistive products for tissue integrity (APT) in the lying position in different application environments such as hospitals, home care and institutions. This document

applies to the safety of APTI that are intended to remain in situ during periods of lying, and to prevent and/or treat pressure injuries. This document covers a range of different lying support surfaces intended to be used in combination with the appropriate support platform (adjustable included) or as a whole integrated system. This document does not apply to medical beds. This document also covers assistive products primarily intended for tissue integrity for changing a lying position and assistive products for maintaining a lying position. This document does not apply to lying support surfaces used in combination with incubators or operating/surgical tables. It also covers safety and performance test methods to ensure protection against injuries to the user. This document addresses the combination of a full body support surface and an adjustable mattress support platform. It also covers safety and performance test methods to ensure protection against injuries to the user. This document specifies requirements and test methods for APTI within the following classifications of ISO 9999:2022: 04 33 06 Assistive products for tissue integrity when lying down such as but not limited to — mattresses and mattress overlays for pressure injury prevention, and — mattress coverings for pressure injury prevention mattresses. 12 31 03 Assistive products for sliding and turning such as but not limited to the following: Devices for changing position or direction of a person using sliding or turning techniques. The only products included are those intended to be used in a lying position and remain in situ as part of the lying support surface. They are the following: — sliding products that glide one way and lock the other way; — sheets and underlays in flexible materials with low friction; — fabric sold by the metre, cut as required for repositioning use; — powered turning product; This excludes sliding boards unless the product is intended to be left in situ. 09 07 06 Positioning pillows, positioning cushions and positioning systems such as but not limited to — leg positioners, — arm positioners, and — multipurpose body positioners. 18 12 15 Bedding such as but not limited to — draw sheets.

Keel: en

Alusdokumendid: ISO 20342-1:2022; EN ISO 20342-1:2022

Asendab dokumenti: EVS-EN ISO 20342-1:2019

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 17559:2022

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

This document describes product specifications, product characteristics and other relevant information for algae and algae products for food, nutraceutical and animal feed applications. This document is a general overview of available limits, procedures and analytical methods applicable to algae and algae products used for food and feed applications. This document does not apply to pharmaceutical, cosmetics, fertilizer/biostimulants, chemical and biofuel applications.

Keel: en

Alusdokumendid: CEN/TR 17559:2022

Asendab dokumenti: CEN/TR 17559:2021

EVS-EN 12101-6:2022

Suitsu ja soojuste kontrollsüsteemid. Osa 6: Rõhuvahesüsteemide spetsifikatsioon. Komplektid Smoke and heat control systems - Part 6: Specification for pressure differential systems - Kits

Seda dokumenti kohaldatakse turul pakutavatele rõhuvahesüsteemi komplektidele ja komponentidele, mis on ette nähtud kasutamiseks rõhuvahesüsteemi osana. Rõhuvahesüsteemi eesmärk on vältida kaitstud ruume suitsu leviku eest, kasutades selleks rõhuvahet ja õhuvoolu. See dokument määrab kindlaks rõhuvahesüsteemide komponentide ja komplektide omadused ja katsemeetodid, et tekitada ja reguleerida nõutavat rõhuvahet ja õhuvoolu kaitstud ja kaitsmata ruumi vahel.

Keel: en, et

Alusdokumendid: EN 12101-6:2022

Asendab dokumenti: EVS-EN 12101-6:2006

EVS-EN 13823:2020+A1:2022

Ehitustoodete tuleundlikkuse katsed. Ehitustoodete, välja arvatud põrandakattematerjalide termiline mõjutamine üksiku põleva objekti poolt

Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item

See dokument määratleb katsemeetodi määramaks tuleundlikkust ehitustoodetele, välja arvatud põrandakattematerjalidele ja materjalidele, millele viidatakse delegeeritud määruses (EL) 2016/364, kui üksik põlev objekt (single burning item, SBI) mõjutab kõnealuseid tooteid terminiliselt. Arvutused on esitatud lisas A. Informatsioon katsemeetodi täpsuse kohta on esitatud lisas B. Kalibreerimisprotseduurid on esitatud lisades C ja D, seejuures lisa C on normlisa. MÄRKUS See dokument on välja töötatud põhiliselt lamedate toodete tuleundlikkuse kindlaksmääramiseks. Teatud tootegruppide, nt lineaarsed tooted (torud, kanalid, kaablid jne), toodete käsitlemine võib nõuda erireegleid.

Keel: en, et

Alusdokumendid: EN 13823:2020+A1:2022

Asendab dokumenti: EVS-EN 13823:2020

EVS-EN 17646:2022

Secure storage units - Classification for high security locks according to their resistance to unauthorized opening - distributed systems

This document is applicable to Distributed Systems (DS), i.e. high security locks with components which have a wired or wireless connection via a transmission system in order to execute fixed operating conditions using different individually fixed access possibilities. Products which are to be tested on the basis of this document comply with the generally recognized state of the art

at the time of testing. Due to the short innovation cycles in the field of electronic and, in particular, information technology applications, the technical possibilities available at the time of product development should also be taken into account during implementation. Distributed systems can be used, for example, to operate high security locks of secure storage units (safes and strongrooms). High security locks (HSL) are used in DS as locking unit. This document does not apply for stand-alone HSL, which are not part of a distributed system. For these stand-alone HSL EN 1300 is applicable only. The document will be revised with a frequency of 3 years as the research in the area of cryptography and relevant attacks evolve with high speed as well as the referenced standards.

Keel: en

Alusdokumendid: EN 17646:2022

EVS-EN ISO 13577-4:2022

Industrial furnaces and associated processing equipment - Safety - Part 4: Protective systems (ISO 13577-4:2022)

This document specifies the requirements for protective systems used in industrial furnaces and associated processing equipment (TPE). The functional requirements to which the protective systems apply are specified in ISO 13577-1 ISO 13577-2 and ISO 13577-3. This document is not applicable to blast furnaces, converters (in steel plants), boilers, fired heaters (including reformer furnaces) in the petrochemical and chemical industries. This document is not applicable to electrical cabling and power cabling upstream of the TPE control panel/protective system. This document is not applicable to the protective systems manufactured before the date of its publication.

Keel: en

Alusdokumendid: ISO 13577-4:2022; EN ISO 13577-4:2022

EVS-EN ISO 20031:2022

Radiological protection - Monitoring and dosimetry for internal exposures due to wound contamination with radionuclides (ISO 20031:2020)

This document specifies the requirements for personal contamination monitoring and dose assessment following wounds involving radioactive materials. It includes requirements for the direct monitoring at the wound site, monitoring of uptake of radionuclides into the body and assessment of local and systemic doses following the wound event. It does not address: — details of monitoring and assessment methods for specific radionuclides; — monitoring and dose assessment for materials in contact with intact skin or pre-existing wounds, including hot particles; — therapeutic protocols. However, the responsible entity needs to address the requirements for decontamination and decorporation treatments if appropriate.

Keel: en

Alusdokumendid: ISO 20031:2020; EN ISO 20031:2022

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 12102-1:2022

Elektrikompressoritega õhukonditsioneerid, vedelikjahutusseadmed, soojuspumbad, protsessijahutid ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhukonditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

This document establishes requirements for determining, in accordance with a standardized procedure, the sound power level emitted into the surrounding air by air conditioners, heat pumps, liquid chilling packages with electrically driven compressors when used for space heating and/or cooling, and/or for process, as described in the prEN 14511 series, and dehumidifiers, as described in EN 810. This document also covers the measurement of the sound power level of evaporatively cooled condenser air conditioners, as defined in EN 15218. However, the measurement will be done without external water feeding and these units will thus be considered as the other air conditioners covered by the prEN 14511 series. It is emphasized that this measurement standard only refers to airborne noise.

Keel: en

Alusdokumendid: EN 12102-1:2022

Asendab dokumenti: EVS-EN 12102-1:2017

EVS-EN IEC 60318-7:2022

Electroacoustics - Simulators of human head and ear - Part 7: Head and torso simulator for the measurement of sound sources close to the ear

This part of IEC 60318 describes a head and torso simulator, or manikin, intended for the measurement of sound sources placed close to the ear in the frequency range from 100 Hz to 16 000 Hz. The manikin described in this part of IEC 60318 is intended for airborne acoustic measurements only. It is not suitable for measurements which depend upon vibration transmission paths such as bone conduction, or for measurements requiring the simulation of bone or tissue. This document specifies the manikin in terms of both its geometrical dimensions and its acoustical properties. For conformance with this document, a manikin shall be compliant with both sets of specifications.

Keel: en
Alusdokumendid: IEC 60318-7:2022; EN IEC 60318-7:2022

EVS-EN IEC 60544-5:2022

Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service

This part of IEC 60544 covers ageing assessment methods which can be applied to components based on polymeric materials (e.g. cable insulation and jackets, elastomeric seals, polymeric coatings, gaiters) which are used in environments where they are exposed to radiation. The object of this standard is aimed at providing methods for the assessment of ageing in service. The approaches discussed in the following clauses cover ageing assessment programs based on condition monitoring (CM), the use of sample deposits in severe environments and sampling of real-time aged components.

Keel: en
Alusdokumendid: IEC 60544-5:2022; EN IEC 60544-5:2022
Asendab dokumenti: EVS-EN 60544-5:2012

EVS-EN ISO 16638-2:2022

Radiological protection - Monitoring and internal dosimetry for specific materials - Part 2: Ingestion of uranium compounds (ISO 16638-2:2019)

This document specifies the minimum requirements for the design of professional programmes to monitor workers exposed to a risk of ingestion to uranium compounds. This document establishes principles for the development of compatible goals and requirements for monitoring programmes and dose assessment for workers occupationally exposed to internal contamination. It establishes procedures and assumptions for risk analysis, monitoring programmes and the standardized interpretation of monitoring data in order to achieve acceptable levels of reliability for uranium and its compounds. It sets limits for the applicability of the procedures in respect to dose levels above which more sophisticated methods need to be applied. This document addresses those circumstances when exposure could be constrained by either radiological or chemical toxicity concerns. This document addresses, for ingestion of uranium and its compounds, the following items: a) purposes of monitoring and monitoring programmes; b) description of the different categories of monitoring programmes; c) suitable methods for monitoring and criteria for their selection; d) information that is collected for the design of a monitoring programme; e) procedures for dose assessment based on reference levels for special monitoring programmes; f) criteria for determining the significance of monitoring results; g) uncertainties arising from dose assessment and interpretation of bioassays data; h) reporting/documentation; i) quality assurance; j) record keeping requirements. It is not applicable to the following items: a) detailed descriptions of measuring methods and techniques for uranium; b) modelling for the improvement of internal dosimetry; c) potential influence of counter-measures (e.g. administration of chelating agents); d) investigation of the causes or implications of an exposure; e) dosimetry for inhalation exposures and for contaminated wounds.

Keel: en
Alusdokumendid: ISO 16638-2:2019; EN ISO 16638-2:2022

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN ISO/TS 23818-2:2022

Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines - Part 2: Resin-fibre composite (RFC) material (ISO/TS 23818-2:2021)

This part of ISO/TS 23818 gives the assessment of conformity of RFC products for the rehabilitation of existing pipelines, in accordance with the applicable parts of ISO 11296, ISO 11297, and ISO 11298, and intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. It applies to cured-in-place pipe (CIPP) products only. It applies to non-pressure pipe liners, and to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline. NOTE In order to help the reader, summary tables of overall scheme requirements are provided in Annex E.

Keel: en
Alusdokumendid: CEN ISO/TS 23818-2:2022; ISO/TS 23818-2:2021

CEN ISO/TS 23818-3:2022

Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines - Part 3: Unplasticised poly(vinyl chloride) (PVC-U) material (ISO/TS 23818-3:2021)

This document provides a scheme for the assessment of conformity of PVC-U products and assemblies for the rehabilitation of existing pipelines, in accordance with the applicable parts of ISO 11296 and intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE In order to help the reader, summary tables of overall scheme requirements are provided in Annex C.

Keel: en
Alusdokumendid: CEN ISO/TS 23818-3:2022; ISO/TS 23818-3:2021

EVS-EN 17613:2022

LPG equipment and accessories - Composite piping for use with LPG in liquid phase and vapour pressure phase - Design and manufacture

This document specifies requirements for the design, manufacture and testing of composite pipe for use with LPG in liquid phase and vapour pressure phase. This document is applicable to LPG composite pipe having a maximum allowable pressure of less

than or equal to 25 bar. This document applies to pipe made from thermoplastics, which can include some degree of reinforcement. It does not apply to fibre reinforced thermosets, commonly referred to as glass fibre reinforced plastic (GRP), nor rigid metals or corrugated metal pipe or hoses to EN ISO 10380 [6]. For the purpose of this document, composite pipe refers to the design requirements below: a) Design 1: PE-based thick-walled pipe with multi-layer design without additional reinforcement than the wall thickness of the PE; b) Design 2: Nylon-based multi-layer design with a polyester or aramid braid for reinforcement. NOTE For installation of composite pipework systems, see EN 16125.

Keel: en

Alusdokumendid: EN 17613:2022

EVS-EN 17649:2022

Gas infrastructure - Safety Management System (SMS) and Pipeline Integrity Management System (PIMS) - Functional requirements

This document specifies requirements on the development and implementation of a Safety Management System (SMS) and a Pipeline Integrity Management System (PIMS). The SMS is applicable for system operators of a gas infrastructure. The PIMS is applicable for system operators of gas infrastructure with a maximum operating pressure (MOP) over 16 bar. This document refers to all activities and processes related to safety aspects and performed by system operators of a gas infrastructure, including those activities entrusted to contractors. It includes safety-related provisions on operation of the gas infrastructure. This document is applicable to infrastructure for the conveyance of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686 and gases such as biomethane and hydrogen and to mixtures of these gases with natural gas. This document covers also gases classified as group H, that are to be transmitted, injected into and from storages, distributed and utilized, as specified in EN 16726. For the requirements and test methods for biomethane at the point of entry into a natural gas network, reference is made to EN 16723-1. This document can be applied for gas infrastructure conveying gases of the 3rd gas family as classified in EN 437 or for other gases such as carbon dioxide. Specific requirements for occupational health and safety are excluded from this document. For these, other European and/or international standards, e.g. ISO 45001, apply. This document specifies common basic principles for gas infrastructure. It is important that users of this document are expected to be aware that more detailed national standards and/or codes of practice exist in the CEN member countries. This document is intended to be applied in association with these national standards and/or codes of practice setting out the above-mentioned basic principles. In the event of conflicts in terms of more restrictive requirements in national legislation/regulation with the requirements of this document, the national legislation/regulation takes precedence as illustrated in CEN/TR 13737 (all parts). NOTE CEN/TR 13737 (all parts) contains: - clarification of relevant legislation/regulations applicable in a country; - if appropriate, more restrictive national requirements; - national contact points for the latest information.

Keel: en

Alusdokumendid: EN 17649:2022

Asendab dokumenti: EVS-EN 15399:2018

Asendab dokumenti: EVS-EN 16348:2013

25 TOOTMISTEHNOLLOOGIA

EVS-EN 62841-2-1:2018/A1:2022

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömehhanismid. Ohutus. Osa 2-1: Erinõuded käeshoitavatele trellidele ja lööktrellidele Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills

Standardi EN 62841-2-1:2018 muudatus

Keel: en

Alusdokumendid: IEC 62841-2-1:2017/AMD1:2021; EN 62841-2-1:2018/A1:2022

Muudab dokumenti: EVS-EN 62841-2-1:2018

EVS-EN 62841-2-1:2018/A12:2022

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömehhanismid. Ohutus. Osa 2-1: Erinõuded käeshoitavatele trellidele ja lööktrellidele Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - safety - part 2-1: particular requirements for hand-held drills and impact drills

This part of IEC 62841 applies to hand-held drills and impact drills, including diamond core drills. This standard also applies to drills that can be used for driving screws by attaching screwdriver bits.

Keel: en

Alusdokumendid: EN 62841-2-1:2018/A12:2022

Muudab dokumenti: EVS-EN 62841-2-1:2018

Muudab dokumenti: EVS-EN 62841-2-1:2018/A1:2022

EVS-EN IEC 62657-2:2022

Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

This document: - specifies the fundamental assumptions, concepts, parameters, and procedures for wireless communication coexistence; - specifies coexistence parameters and how they are used in an application requiring wireless coexistence; - provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life-cycle of wireless communication coexistence; - helps the work of all persons involved with the relevant responsibilities to cope with the critical aspects at each phase of life-cycle of the wireless communication coexistence management

in an industrial automation plant. Life-cycle aspects include: planning, design, installation, implementation, operation, maintenance, administration and training; - provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts; - deals with the operational aspects of wireless communication coexistence regarding both the static human/tool-organization and the dynamic network self-organization. This document provides a major contribution to national and regional regulations. It does not exempt devices from conforming to all requirements of national and regional regulations.

Keel: en

Alusdokumendid: IEC 62657-2:2022; EN IEC 62657-2:2022

Asendab dokumenti: EVS-EN 62657-2:2017

Asendab dokumenti: EVS-EN 62657-2:2017/A1:2019

EVS-EN ISO 13577-4:2022

Industrial furnaces and associated processing equipment - Safety - Part 4: Protective systems (ISO 13577-4:2022)

This document specifies the requirements for protective systems used in industrial furnaces and associated processing equipment (TPE). The functional requirements to which the protective systems apply are specified in ISO 13577-1 ISO 13577-2 and ISO 13577-3. This document is not applicable to blast furnaces, converters (in steel plants), boilers, fired heaters (including reformer furnaces) in the petrochemical and chemical industries. This document is not applicable to electrical cabling and power cabling upstream of the TPE control panel/protective system. This document is not applicable to the protective systems manufactured before the date of its publication.

Keel: en

Alusdokumendid: ISO 13577-4:2022; EN ISO 13577-4:2022

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12102-1:2022

Elektrikompressoritega õhukonditsioneerid, vedelikjahutusseadmed, soojuspumbad, protsessijahutid ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhukonditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

This document establishes requirements for determining, in accordance with a standardized procedure, the sound power level emitted into the surrounding air by air conditioners, heat pumps, liquid chilling packages with electrically driven compressors when used for space heating and/or cooling, and/or for process, as described in the prEN 14511 series, and dehumidifiers, as described in EN 810. This document also covers the measurement of the sound power level of evaporatively cooled condenser air conditioners, as defined in EN 15218. However, the measurement will be done without external water feeding and these units will thus be considered as the other air conditioners covered by the prEN 14511 series. It is emphasized that this measurement standard only refers to airborne noise.

Keel: en

Alusdokumendid: EN 12102-1:2022

Asendab dokumenti: EVS-EN 12102-1:2017

EVS-EN 16583:2022

Soojusvahetid. Veepõhised ruumi puhurkonvektorid. Helivõimsuse taseme määramine Heat exchangers - Hydronic room fan coils units - Determination of the sound power level

This document is applicable to hydronic fan coil units (FCU) as factory-made single assemblies which provide the functions of cooling and/or heating but do not include the source of cooling or heating. This document is applicable to both air free delivery and air ducted units with a maximum external static pressure due to duct resistance of 300 Pa max. This document specifies methods for the determination of the acoustical performance of fan coil units, defining standard working condition and installation. It is not the purpose of this document to specify the tests used for production or field testing. NOTE For the purpose of remaining clauses, the term "unit" is used to mean "fan coil unit".

Keel: en

Alusdokumendid: EN 16583:2022

Asendab dokumenti: EVS-EN 16583:2015

EVS-EN ISO 19443:2022

Quality management systems - Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS) (ISO 19443:2018)

This International Standard specifies requirements for a quality management system when an organization: a) needs to demonstrate its ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements, and b) aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

All the requirements of this International Standard are generic and are intended to be applicable to any organization, regardless of its type or size, or the products and services it provides. NOTE 1 In this International Standard, the terms "product" or "service" only apply to products and services intended for, or required by, a customer. NOTE 2 Statutory and regulatory requirements can be expressed as legal requirements. This International Standard applies to organizations supplying ITNS products or services. Application of this standard to organizations performing activities on a licensed nuclear site is subject to prior agreement by the Licensee. Requirements specified in this International Standard are complementary (not alternative) to customer and applicable statutory and regulatory requirements.

Keel: en

Alusdokumendid: ISO 19443:2018; EN ISO 19443:2022

29 ELEKTROTEHNIKA

EVS-EN 50243:2022

Outdoor bushings for 24 kV and 36 kV and for 5 kA and 8 kA, for liquid filled transformers

This document is applicable to ceramic insulated outdoor bushings for highest voltages for equipment of 24 kV and 36 kV, with rated currents of 5 kA and 8 kA for insulating liquid filled transformers and frequencies from 15 Hz up to 60 Hz. This document establishes dimensions to ensure interchangeability and adequate mounting of bushings. Two types of construction are specified, type A and type B, both types for highest voltages for equipment 24 kV and 36 kV and rated currents of 5 kA and 8 kA. The mechanical stresses of the conductor tube define the difference between type A and type B. The conductor tube of type A is axially and radially fixed in the top of the bushing. The inner line terminal of the transformer can be flexible and without any special support for the lower end of the conductor tube. For new installations bushings of Type A are expected to be used. Type B bushings can be supplied at the request of a customer. In case of type B, the conductor tube is only radially fixed in the top of the bushing. In that case, a rigid support is mounted to fix the lower end of the conductor tube (for example, in combination with a drip proofed sealing end). The drip proofed sealing end is often required in the service requirements. In this case, it is not possible to use type A because of the existing double fixation. Therefore, both bushing types A and B are specified. The condition for the usage of type B is that the drip-proof sealing end is able to withstand the mechanical stress in axial direction.

Keel: en

Alusdokumendid: EN 50243:2022

Asendab dokumenti: EVS-EN 50243:2003

EVS-EN 50388-1:2022

Raudteelased rakendused. Püsipaigaldised ja veerem. Elekterveosüsteemide ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused. Osa 1: Üldosa

Railway Applications - Fixed installations and rolling stock - Technical criteria for the coordination between electric traction power supply systems and rolling stock to achieve interoperability - Part 1: General

This document establishes requirements for the electrical aspects to achieve technical compatibility between rolling stock and electric traction systems, limited to: - co-ordination of protection principles between power supply and traction units, i.e. separation sections, train set current or power limitation, short circuit current discrimination, breaker coordination and use of regenerative braking. - co-ordination of installed power on the line and the power demand of trains, i.e. traction unit power factor, train set current or power limitation, electric system performance, type and characterization. - compatibility assessment relating to harmonics and dynamic effects. Informative values are given for some parts of the existing European railway networks, in annexes. NOTE For those railways within the scope of EU Interoperability Directive, definitive values are set out in the register of infrastructure published in accordance with Article 49 of Directive (EU) 2016/797, and the list of items included in the register is described in the commission decision (EU) 2019/777. The following electric traction systems are within the scope of this document: - railways; - guided mass transport systems that are integrated with railways; - material transport systems that are integrated with railways. Information is given on electrification parameters to enable train operating companies to confirm, after consultation with the rolling stock manufacturers, that risks of non-compatibility are minimized and that there will be no consequential disturbance on the electrification system. The interaction between pantograph and overhead contact line is dealt with in EN 50367:2020. The interaction with the control-command and signalling subsystem is not dealt with in this document. Basic considerations have been included concerning the use of accumulator trains.

Keel: en

Alusdokumendid: EN 50388-1:2022

Asendab dokumenti: EVS-EN 50388:2012

Asendab dokumenti: EVS-EN 50388:2012/AC2:2013

EVS-EN 50397-2:2022

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. - Part 2: Accessories for covered conductors - Tests and acceptance criteria

This document contains the requirements for accessories that are for use with covered conductors, see EN 50397 1. They are for applications in overhead lines with rated voltages U above 1 kV a.c. and not exceeding 36 kV a.c. NOTE This document describes the requirements and tests only for the accessories installed on the covered conductor itself.

Keel: en

Alusdokumendid: EN 50397-2:2022

Asendab dokumenti: EVS-EN 50397-2:2009

EVS-EN 50397-3:2022

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. - Part 3: Guide to use

This part of EN 50397 provides general recommendations for the selection, storage, transportation and installation of the covered conductors and the related accessories specified in EN 50397 1 and EN 50397 2, unless otherwise specified. Safety regulations and environmental regulations as well as rules for installation and mechanical design are not considered in this Guide to use, as they are covered by relevant national regulations and laws. Relevant national regulations are not considered in this guide, but it is advised that they are always consulted as appropriate. NOTE The term 'national regulations' is used throughout this guide. It can include specific safety regulations, rules of installation and other relevant instructions which, depending upon the particular country or district, can exist in a legislative (mandatory) form, or as a non-mandatory code of practice. In addition, certain specific utilities can have their own safety practices. It is assumed that the design of installations, the purchase and installation of covered conductors and of the related accessories specified in this document are entrusted to suitably skilled and competent people. In case of doubt as to the suitability of covered conductors and the related accessories for a particular use, further specific information is expected to be obtained from the manufacturer.

Keel: en

Alusdokumendid: EN 50397-3:2022

Asendab dokumenti: EVS-EN 50397-3:2010

EVS-EN 50419:2022

Elektri- ja elektroonikaseadmete märgistamine seoses elektri- ja elektroonikaromu eraldi kogumisega

Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)

Selles dokumendis määratletakse märgistus — elektri- ja elektroonikaseadmetel eesmärgiga vähendada elektri- ja elektroonikaromu ladestamist sorteerimata jäätmetena ja võimaldada selle eraldi kogumist; MÄRKUS 1 See on kooskõlas direktiivi 2012/19/EL artikliga 14(4). — mis aitab selgelt tuvastada seadme tootjat ning — mis näitab, et seade on toodud turule pärast 13. augustit 2005; MÄRKUS 2 See on kooskõlas direktiivi 2012/19/EL artiklitega 12(3) ja 15(2). — mida rakendatakse elektri- ja elektroonikaseadmete kategooriatele, mille suhtes kehtivad Euroopa ja riiklikes eeskirjades sätestatud elektri- ja elektroonikaromu kogumise, töötlemise, taastamise ja keskkonnaohutu ladestamise nõuded eeldusel, et vastav seade ei moodusta osa muud tüüpi seadmetest, mis ei kuulu eespool nimetatud regulatsioonide kohaldamisalasse. MÄRKUS 3 See on kooskõlas direktiivi 2012/19/EL artikliga 2 ja I kuni IV lisaga [1]. See dokument ei hõlma tootja masinapõhiseks identifitseerimiseks kasutatava tehnilise andmekandja, nagu näiteks vöötkoodi, elektroonilise andmekandja või kiibi määratlust.

Keel: en, et

Alusdokumendid: EN 50419:2022

Asendab dokumenti: EVS-EN 50419:2006

EVS-EN 62493:2015/A1:2022

Assessment of lighting equipment related to human exposure to electromagnetic fields

Amendment to EN 62493:2015

Keel: en

Alusdokumendid: IEC 62493:2015/AMD1:2022; EN 62493:2015/A1:2022

Muudab dokumenti: EVS-EN 62493:2015

EVS-EN IEC 60544-5:2022

Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service

This part of IEC 60544 covers ageing assessment methods which can be applied to components based on polymeric materials (e.g. cable insulation and jackets, elastomeric seals, polymeric coatings, gaiters) which are used in environments where they are exposed to radiation. The object of this standard is aimed at providing methods for the assessment of ageing in service. The approaches discussed in the following clauses cover ageing assessment programs based on condition monitoring (CM), the use of sample deposits in severe environments and sampling of real-time aged components.

Keel: en

Alusdokumendid: IEC 60544-5:2022; EN IEC 60544-5:2022

Asendab dokumenti: EVS-EN 60544-5:2012

EVS-EN IEC 62722-1:2022

Luminaire performance - Part 1: General requirements

This part of IEC 62722 covers specific performance and environmental requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. Unless otherwise detailed, performance data covered under the scope of this document are for the luminaires in a condition representative of new manufacture, with any specified initial aging procedures completed. This document covers requirements for luminaires to support energy efficient use and responsible environmental management to the end of life. The object of this document is to provide a set of requirements which are considered to be generally applicable to most types of luminaires. Where additional performance requirements for specific types of light source are relevant, these are specified in the IEC 62722-2 series. The IEC 62722-2 series can also cover a wider scope of performance aspects appropriate to the particular light source technology. Semi-luminaires are not covered under the scope of this document. For some types of luminaires (e.g. decorative or household) the provision of performance data under the scope of this document is not appropriate.

Keel: en
Alusdokumendid: IEC 62722-1:2022; EN IEC 62722-1:2022
Asendab dokumenti: EVS-EN 62722-1:2016

31 ELEKTROONIKA

EVS-EN 50419:2022

Elektri- ja elektroonikaseadmete märgistamine seoses elektri- ja elektroonikaromu eraldi kogumisega **Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)**

Selles dokumendis määratletakse märgistus — elektri- ja elektroonikaseadmetel eesmärgiga vähendada elektri- ja elektroonikaromu ladestamist sorteerimata jäätmetena ja võimaldada selle eraldi kogumist; MÄRKUS 1 See on kooskõlas direktiivi 2012/19/EL artikliga 14(4). — mis aitab selgelt tuvastada seadme tootjat ning — mis näitab, et seade on toodud turule pärast 13. augustit 2005; MÄRKUS 2 See on kooskõlas direktiivi 2012/19/EL artiklitega 12(3) ja 15(2). — mida rakendatakse elektri- ja elektroonikaseadmete kategooriatele, mille suhtes kehtivad Euroopa ja riiklikes eeskirjades sätestatud elektri- ja elektroonikaromu kogumise, töötlemise, taastamise ja keskkonnaohutu ladestamise nõuded eeldusel, et vastav seade ei moodusta osa muud tüüpi seadmetest, mis ei kuulu eespool nimetatud regulatsioonide kohaldamisalasse. MÄRKUS 3 See on kooskõlas direktiivi 2012/19/EL artikliga 2 ja I kuni IV lisaga [1]. See dokument ei hõlma tootja masinapõhiseks identifitseerimiseks kasutatava tehnilise andmekandja, nagu näiteks vöötkoodi, elektroonilise andmekandja või kiibi määratlust.

Keel: en, et
Alusdokumendid: EN 50419:2022
Asendab dokumenti: EVS-EN 50419:2006

33 SIDETEHNIKA

EVS-EN IEC 60153-4:2022

Hollow metallic waveguides - Part 4: Relevant specifications for circular waveguides

This part of IEC 60153 specifies straight hollow metallic tubing of circular cross section for use as waveguides in electronic equipment. The aim of this recommendation is to specify the hollow metallic waveguides: a) the details necessary to ensure compatibility and, as far as essential, interchangeability; b) test methods; c) uniform requirements for the electrical and mechanical properties. It should be noted that no recommendations are made for the materials to be used for waveguides. The choice of material is to be agreed upon by customer and manufacturer. This document should be read in conjunction with IEC 60153-1, which gives general requirements and test methods.

Keel: en
Alusdokumendid: IEC 60153-4:2022; EN IEC 60153-4:2022
Asendab dokumenti: EVS-EN 60153-4:2017

EVS-EN IEC 60966-2-8:2022

Radio frequency and coaxial cable assemblies - Part 2-8: Detail specification for cable assemblies for radio and TV receivers - Frequency range up to 3 000 MHz, Screening class A++, IEC 61169-47 connectors

This part of IEC 60966 is a detail specification that applies to cable assemblies with F-Quick connectors (see IEC 61169-47) and requires quad-shield screening class A++ (see IEC 61196-6-5). This detail specification applies to the cable assemblies for radio and TV receivers.

Keel: en
Alusdokumendid: IEC 60966-2-8:2022; EN IEC 60966-2-8:2022

EVS-EN IEC 61290-1:2022

Optical amplifiers - Test methods - Part 1: Power and gain parameters

IEC 61290-1:2022 applies to all commercially available optical amplifiers (OAs) and optically amplified subsystems. It applies to OAs using optically pumped fibres (optical fibre amplifiers (OFAs) based on either rare-earth doped fibres or on the Raman effect), semiconductors (semiconductor optical amplifiers (SOAs)), and waveguides (planar optical waveguide amplifiers (POWAs)). It is specifically directed to single-channel amplifiers. Test methods for multichannel amplifiers are defined in the IEC 61290-10 series. This document establishes uniform requirements for accurate and reliable measurements of the following OA parameters, as defined in IEC 61291-1:2018, Clause 3: a) nominal output signal power; b) gain; c) reverse gain; d) maximum gain; e) maximum gain wavelength; f) maximum gain variation with temperature; g) gain wavelength band; h) gain wavelength variation; i) gain stability; j) polarization-dependent gain; k) gain ripple (SOA only); l) large-signal output stability; m) saturation output power; n) maximum output signal power; o) maximum total output power. NOTE 1 The applicability of the test methods described in this document to distributed Raman amplifiers is still under study. NOTE 2 All numerical values followed by (±) are suggested values for which the measurement is assured. Other values are acceptable if verified. This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - specification of gain ripple as a new parameter; - specification of test method and test report for gain ripple measurements; - use of the term "measurement uncertainty" instead of "measurement accuracy".

Keel: en
Alusdokumendid: IEC 61290-1:2022; EN IEC 61290-1:2022
Asendab dokumenti: EVS-EN 61290-1:2015

[EVS-EN IEC 62657-2:2022](#)

Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

This document: - specifies the fundamental assumptions, concepts, parameters, and procedures for wireless communication coexistence; - specifies coexistence parameters and how they are used in an application requiring wireless coexistence; - provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life-cycle of wireless communication coexistence; - helps the work of all persons involved with the relevant responsibilities to cope with the critical aspects at each phase of life-cycle of the wireless communication coexistence management in an industrial automation plant. Life-cycle aspects include: planning, design, installation, implementation, operation, maintenance, administration and training; - provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts; - deals with the operational aspects of wireless communication coexistence regarding both the static human/tool-organization and the dynamic network self-organization. This document provides a major contribution to national and regional regulations. It does not exempt devices from conforming to all requirements of national and regional regulations.

Keel: en

Alusdokumendid: IEC 62657-2:2022; EN IEC 62657-2:2022

Asendab dokumenti: EVS-EN 62657-2:2017

Asendab dokumenti: EVS-EN 62657-2:2017/A1:2019

35 INFOTEHNOLOGIA

[CEN/TR 17868:2022](#)

Intelligent transport systems - EU-ICIP - ITS standards deliverables (2022)

This document provides a Guide to Intelligent transport system standards deliverables from CEN and ISO, and other associated deliverables from other SDOs, together with hotlinks to their source, and to other relevant and related information and Regulations.

Keel: en

Alusdokumendid: CEN/TR 17868:2022

[CEN/TS 17834:2022](#)

European Professional Ethics Framework for the ICT Profession (EU ICT Ethics)

This document will provide an "European Professional Ethics Framework for the ICT Profession (EU ICT Ethics)" to support the vision of establishing a profession for the ICT workforce. It will thereby offer the possibility to coalesce other ethics focused initiatives around a common structure. This ethics framework will be directly linked to EN 16234-1. It will incorporate the structural concept of EN 16234-1 and, in a comparable way, describe a blueprint of what is required and what competencies, skills and knowledge are needed to identify and address the ethical challenges that ICT professionals face in their work. Therefore it will extend the ethics principles already described in the "Transversal Aspects of the e-Competence Framework" in such a way that concrete requirements and procedures can be defined and implemented in the respective context on the basis of the roles, methods and processes defined in the framework. The Scope therefore is to crystalize "ICT Professional Ethics" into a manageable, structure "European Professional Ethics Framework for the ICT Profession" and to provide guidance on practical application provided by a methodology and application guide that will support the establishment of codes of ethics.

Keel: en

Alusdokumendid: CEN/TS 17834:2022

[EVS-EN 15531-1:2022](#)

Public transport - Service interface for real-time information relating to public transport operations - Part 1: Context and framework

1.1 Interfaces specified by this document 1.1.1 Business Context Real-time information may be exchanged between a number of different organisations, or between different systems belonging to the same organisation. Key interfaces include the following: - Between public transport vehicle control centres - generally, for fleet and network management. - Between a control centre and an information provision system - generally, to provide operational information for presentation to the public. - Between information provision systems - generally, sharing information to ensure that publicly available information is complete and comprehensive. - Between information provision systems - and data aggregation systems that collect and integrate data from many different sources and different types of data supplier and then distribute it onwards. - Between information provision systems and passenger information devices such as mobile phones, web browsers, etc. Annex B describes the business context for SIRI in more detail. SIRI is intended for wide scale, distributed deployment by a wide variety of installations. In such circumstances it is often not practical to upgrade all the systems at the same time. SIRI therefore includes a formal versioning system that allows for the concurrent operation of different levels at the same time and a disciplined upgrade process. In this general framework, SIRI defines a specific set of concrete functional services. The services separate the communication protocols from the message content ('functional services'). This allows the same functional content to be exchanged using different transport mechanisms, and different patterns of exchange. Figure 1 below shows this diagrammatically. 1.1.2 SIRI Communications SIRI provides a coherent set of functional services for exchanging data for different aspects of PT operation. A common data model, based on Transmodel 6.0, is used across all services.

Keel: en

Alusdokumendid: EN 15531-1:2022

Asendab dokumenti: EVS-EN 15531-1:2015

EVS-EN 15531-3:2022

Public transport - Service interface for real-time information relating to public transport operations - Part 3: Functional service interfaces

There are many potential ways for passenger transport operations centres to interact. The approach taken by SIRI is for an open-ended set of standard data structures, carried over a communications channel constructed using one of a small number of specific options. Part 2 of this document specifies the communications channel. This Part 3 section specifies a number of functional modules, based on the 'use cases' identified in Annex B to Part 1: - Production Timetable (PT): this service enables the provision of information on the planned progress of vehicles operating a specific service, identified by the vehicle time of arrival and departure at specific stops on a planned route for a particular Operational Day. - Estimated Timetable (ET): this service enables the provision of information on the actual progress of Vehicle Journeys operating specific service lines, detailing expected arrival and departure times at specific stops on a planned route. There will be recorded data for stops which have been passed, and predicted data for stops not yet passed. In addition the Estimated Timetable service allows Vehicle Journeys to be cancelled, added or changed. - Stop Timetable (ST): this service provides a stop-centric view of timetabled vehicle arrivals and departures at a designated stop. It can be used to reduce the amount of information that needs to be transmitted in real-time to stops and displays, as reference data for a Stop Monitoring Service; and provides a data feed of the static timetables. - Stop Monitoring (SM): this service provides a stop-centric view of vehicle arrivals and departures at a designated stop. It can be used by displays and other presentation services to provide departure board and other presentations of timetable and real-time journey information both at stops and at a distance. - Vehicle Monitoring (VM): this service enables the provision of information on the current location and status of a set of vehicles. It provides all the current relevant information from one AVMS relating to all vehicles fulfilling a set of selection criteria. - Connection Timetable (CT): this service may be used to provide information about the scheduled arrivals of a feeder vehicle to the operator of a connecting distributor service. The distributor operator can then plan how to guarantee the connection, either with the expected vehicle or a different vehicle. - Connection Monitoring (CM): this service is used to provide information about the expected arrival of a feeder vehicle to the operator of a connecting distributor service. The distributor operator can then manage the service to guarantee the connection, based on actual vehicle running. - General Message (GM): the SIRI "General Message" service is used to exchange informative messages between identified individuals in free or an arbitrary structured format. It enables messages to be sent and to be revoked. Messages are assigned validity periods in addition to the actual content.

Keel: en

Alusdokumendid: EN 15531-3:2022

Asendab dokumenti: EVS-EN 15531-3:2015

EVS-EN 17609:2022

Building automation and control systems - Control applications

This document specifies control applications and function blocks focusing on but not limited to lighting, solar protection and HVAC applications. It describes how energy performance, comfort, and operational requirements of buildings are translated into functional specifications for integrated plant and room control.

Keel: en

Alusdokumendid: EN 17609:2022

EVS-EN IEC 62657-2:2022

Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

This document: - specifies the fundamental assumptions, concepts, parameters, and procedures for wireless communication coexistence; - specifies coexistence parameters and how they are used in an application requiring wireless coexistence; - provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life-cycle of wireless communication coexistence; - helps the work of all persons involved with the relevant responsibilities to cope with the critical aspects at each phase of life-cycle of the wireless communication coexistence management in an industrial automation plant. Life-cycle aspects include: planning, design, installation, implementation, operation, maintenance, administration and training; - provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts; - deals with the operational aspects of wireless communication coexistence regarding both the static human/tool-organization and the dynamic network self-organization. This document provides a major contribution to national and regional regulations. It does not exempt devices from conforming to all requirements of national and regional regulations.

Keel: en

Alusdokumendid: IEC 62657-2:2022; EN IEC 62657-2:2022

Asendab dokumenti: EVS-EN 62657-2:2017

Asendab dokumenti: EVS-EN 62657-2:2017/A1:2019

45 RAUDTEETEHNIKA

EVS-EN 16116-1:2022

Raudteealased rakendused. Konstruksiooninõuded astmetele, käsipuudele ja seonduvatele personali juurdepääsuteedele. Osa 1: Reisivereem, pagasivagnid ja vedurid

Railway applications - Design requirements for steps, handrails and associated access for staff - Part 1: Passenger vehicles, vans and locomotives

This document specifies the minimum ergonomic and structural integrity requirements for steps and handrails used by staff to access the following heavy rail vehicles: — passenger vehicles; — vans; — locomotives; — power units of rolling stock; — passenger-rated car carriers. This document defines the required spaces necessary for shunter handrails and shunter's stand and gives references for the required spaces necessary for handling of screw couplings with side buffers. For staff access, it

defines footsteps, handrails and their dimensions and free spaces. To fulfil the requirements for loads which are applied by the staff, it defines dimensions and requirements for materials or design loads. This document also defines the general requirements of steps and handrail for access to external equipment, for example windscreens, wipers or external lights.

Keel: en

Alusdokumendid: EN 16116-1:2022

Asendab dokumenti: EVS-EN 16116-1:2013

EVS-EN 50388-1:2022

Raudteealased rakendused. Püsipaigaldised ja veerem. Elekterveosüsteemide ja veerevkoosseisu vahelise koostalitlusvõime saavutamise kooskõlastatud tehnilised tingimused. Osa 1: Üldosa

Railway Applications - Fixed installations and rolling stock - Technical criteria for the coordination between electric traction power supply systems and rolling stock to achieve interoperability - Part 1: General

This document establishes requirements for the electrical aspects to achieve technical compatibility between rolling stock and electric traction systems, limited to: - co-ordination of protection principles between power supply and traction units, i.e. separation sections, train set current or power limitation, short circuit current discrimination, breaker coordination and use of regenerative braking. - co-ordination of installed power on the line and the power demand of trains, i.e. traction unit power factor, train set current or power limitation, electric system performance, type and characterization. - compatibility assessment relating to harmonics and dynamic effects. Informative values are given for some parts of the existing European railway networks, in annexes. NOTE For those railways within the scope of EU Interoperability Directive, definitive values are set out in the register of infrastructure published in accordance with Article 49 of Directive (EU) 2016/797, and the list of items included in the register is described in the commission decision (EU) 2019/777. The following electric traction systems are within the scope of this document: - railways; - guided mass transport systems that are integrated with railways; - material transport systems that are integrated with railways. Information is given on electrification parameters to enable train operating companies to confirm, after consultation with the rolling stock manufacturers, that risks of non-compatibility are minimized and that there will be no consequential disturbance on the electrification system. The interaction between pantograph and overhead contact line is dealt with in EN 50367:2020. The interaction with the control-command and signalling subsystem is not dealt with in this document. Basic considerations have been included concerning the use of accumulator trains.

Keel: en

Alusdokumendid: EN 50388-1:2022

Asendab dokumenti: EVS-EN 50388:2012

Asendab dokumenti: EVS-EN 50388:2012/AC2:2013

47 LAEVAEHITUS JA MERE-EHITISED

CEN ISO/TS 23625:2022

Small craft - Lithium-ion batteries (ISO/TS 23625:2021)

Provide guidance for the safe installation of Lithium-Ion battery systems in small boat applications.

Keel: en

Alusdokumendid: CEN ISO/TS 23625:2022; ISO/TS 23625:2021

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 13336:2022

Leather - Upholstery leather characteristics - Guide for selection of leather for furniture

This document gives guidelines for the test methods and recommended values for upholstery leather for furniture. This document also specifies the sampling and conditioning procedures of specimens. Furs, hair-on leathers and wool-on leathers are not covered by this document.

Keel: en

Alusdokumendid: EN 13336:2022

Asendab dokumenti: EVS-EN 13336:2012

EVS-EN ISO 15701:2022

Leather - Tests for colour fastness - Colour fastness to migration into polymeric material (ISO 15701:2022)

This document specifies a method for assessing the propensity of dyes and pigments to migrate from leather to a synthetic substrate by determining the transfer of colour from the leather to white polymeric material in contact with it. This method is applicable to leather of all kinds at any stage of processing.

Keel: en

Alusdokumendid: ISO 15701:2022; EN ISO 15701:2022

Asendab dokumenti: EVS-EN ISO 15701:2015

61 RÕIVATÕÖSTUS

[EVS-EN ISO 20535:2022](#)

Footwear - Test method for insoles and insocks - Dimensional change after cycle of wetting and drying (ISO 20535:2019)

This document specifies a method for determining the dimensional change of footwear insoles and insocks after cycle wetting and drying regardless of the material.

Keel: en

Alusdokumendid: ISO 20535:2019; EN ISO 20535:2022

65 PÕLLUMAJANDUS

[CEN/TR 17559:2022](#)

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

This document describes product specifications, product characteristics and other relevant information for algae and algae products for food, nutraceutical and animal feed applications. This document is a general overview of available limits, procedures and analytical methods applicable to algae and algae products used for food and feed applications. This document does not apply to pharmaceutical, cosmetics, fertilizer/biostimulants, chemical and biofuel applications.

Keel: en

Alusdokumendid: CEN/TR 17559:2022

Asendab dokumenti: CEN/TR 17559:2021

[EVS-EN 17647:2022](#)

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

This document establishes the general principles for manufacturing, filling and holding e-liquids for prefilled containers or products. FprCEN/TS 17633 and FprEN 17648 are intended to be used in conjunction with this document.

Keel: en

Alusdokumendid: EN 17647:2022

[EVS-EN 17648:2022](#)

E-liquid ingredients

This document describes requirements related to ingredients used in e-liquids and e-liquid components. This document: - specifies ingredient purity and related supply chain requirements; - specifies ingredient exclusion criteria based on function and toxicological properties; - specifies the need for a toxicological risk assessment and provides guidance on the content of this as well as specifying competency requirements for those responsible for it; - specifies nicotine content versus label claim over shelf life and performance characteristics of the analytical method used to measure the nicotine; - specifies pH limits for the e-liquid; - provides guidance on the measuring of emissions; - specifies certain ingredient-related product labelling; - provides guidance on ingredients that should not be used in e-liquids; - provides guidance on maximum levels in finished e-liquid for certain undesirable constituents that may occur in natural extracts used as flavourings. This document does not apply to packaging, vaping devices or refill container materials/ingredients.

Keel: en

Alusdokumendid: EN 17648:2022

67 TOIDUAINETE TEHNOLOOGIA

[CEN/TR 17559:2022](#)

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

This document describes product specifications, product characteristics and other relevant information for algae and algae products for food, nutraceutical and animal feed applications. This document is a general overview of available limits, procedures and analytical methods applicable to algae and algae products used for food and feed applications. This document does not apply to pharmaceutical, cosmetics, fertilizer/biostimulants, chemical and biofuel applications.

Keel: en

Alusdokumendid: CEN/TR 17559:2022

Asendab dokumenti: CEN/TR 17559:2021

[EVS-EN 1186-2:2022](#)

Materials and articles in contact with foodstuffs - Plastics - Part 2: Test methods for overall migration in vegetable oils

This document specifies methods for measuring overall migration of plastic materials and articles intended to come into contact with foodstuffs by contacting test specimens with vegetable oils at temperatures greater than or equal to 4 °C and less than or

equal to 175 °C. NOTE Some vegetable oils are not suitable for use below 20 °C. The overall migration from a sample of the plastics is determined as the loss in mass of non-volatile substances expressed: - per unit surface area; or - per kg of food simulant; or - per article after contact with a food simulant under defined conditions. According to the type of materials or shape of articles, contact with the food simulant is carried out on a single surface (pouch, cell, filling) or by immersion. This document does not cover the interpretation of the results which is expected to account for regulatory requirements.

Keel: en

Alusdokumendid: EN 1186-2:2022

Asendab dokumenti: EVS-EN 1186-10:2003

Asendab dokumenti: EVS-EN 1186-12:2002

Asendab dokumenti: EVS-EN 1186-2:2002

Asendab dokumenti: EVS-EN 1186-4:2002

Asendab dokumenti: EVS-EN 1186-6:2002

Asendab dokumenti: EVS-EN 1186-8:2002

EVS-EN 12355:2022

Toidutöötlemismasinad. Puhastus-, nülgimis- ja kile-eemaldusmasinad. Ohutus- ja hügieeninõuded

Food processing machinery - Derinding-, skinning- and membrane removal machines - Safety and hygiene requirements

This document deals with all significant hazards, hazardous situations or hazardous events relevant to derinding, skinning and membrane removal machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex D). This document deals with the hazards which can arise during all the lifetime of the machinery (see EN ISO 12100:2010, 5.4). This document is not applicable to derinding, skinning, and membrane removal machines for domestic purposes, hand-guided machines and table-top machines. This document is not applicable to fish heading and filleting machines as described in EN 15467:2014. This document is not applicable to derinding, skinning and membrane removal machines manufactured before the date of its publication.

Keel: en

Alusdokumendid: EN 12355:2022

Asendab dokumenti: EVS-EN 12355:2003+A1:2010

EVS-EN 13885:2022

Toidutöötlemismasinad. Sulgemismasinad. Ohutus- ja hügieeninõuded

Food processing machinery - Clipping machines - Safety and hygiene requirements

This document specifies safety and hygiene requirements of clipping machines (hereafter referred to as machine) for closing of casings filled with foodstuffs (hereafter referred to as product) by using a clip, and which are intended to be used in butcheries, meat processing factories, main kitchens and other food processing factories. Clipping machines are used to close tubes with a single clip (one side) or a double clip (end locking and start locking). The machines are equipped with closing tools (punch/die), which create the closure by deforming the locking element (clip). This document deals with all significant hazards, hazardous situations and hazardous events relevant to machinery when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document covers the following types of machines: — semi-automatic machine (see Figure 1 and Figure 2); — automatic machine (see Figure 3). This document does not cover any machines whose closing procedure is only performed manually. This document is not applicable to machinery manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 13885:2022

Asendab dokumenti: EVS-EN 13885:2005+A1:2010

71 KEEMILINE TEHNOLOOGIA

EVS-EN 14885:2022

Keemilised desinfektsioonivahendid ja antiseptikumid. Keemiliste desinfektsioonivahendite ja antiseptikumide Euroopa standardite rakendamine

Chemical disinfectants and antiseptics - Application of European Standards for chemical disinfectants and antiseptics

Selles dokumendis täpsustatakse Euroopa standardid, millele tooted peavad vastama, et toetada selles dokumendis osutatud väiteid mikroobitsidse toime kohta. Selles dokumendis täpsustatakse ka Euroopa standardis kasutatavad terminid ja määralused. Seda kohaldatakse toodete suhtes, mille puhul väidetakse toimet järgmiste mikroorganismide suhtes: vegetatiivsed bakterid (sealhulgas mükobakterid ja Legionella), bakteriaalsed spoorid, pärmseened, seene spoorid ja viirused (sealhulgas bakteriofaagid). See on ette nähtud a) võimaldama toodete tootjatel valida sobivad standardid, mida kasutada andmete esitamiseks, mis toetavad nende väiteid konkreetse toote kohta; b) võimaldama toote kasutajatel hinnata tootja esitatud teavet kasutusotstarbe kohta, mille jaoks nad kavatsevad toodet kasutada; c) aitama reguleerivaltel asutustel hinnata tootja või toote turuleviimise eest vastutava isiku esitatud nõudeid. Seda kohaldatakse toodete suhtes, mida kasutatakse inimmeditsiinis, veterinaariavaldkonnas ning toidu-, tööstus-, kodumajapidamis- ja ametkondlikus valdkonnas. Inimmeditsiini valdkonnas (töörühm 1 ehk WG 1) kohaldatakse seda keemiliste desinfektsioonivahendite ja antiseptikumide suhtes, mida kasutatakse piirkondades ja olukordades, kus on meditsiiniliselt osutatud desinfektsioonile või antiseptikale. Sellised näidustused esinevad patsiendi hooldamisel — haiglates, kogukonna meditsiinasutustes, hambaraviasutustes ning analüüside ja uurimiste meditsiinilaborites; — koolide, lasteaedade ja hooldekodude kliinikutes — ning võib esineda ka töökohal ja kodus. See võib hõlmata ka selliseid teenuseid nagu pesumaja ja köögid, mis tarnivad tooteid otse patsiendile. Veterinaariavaldkonnas (WG 2) on see kasutatav

keemiliste desinfitseioonivahendite ja antiseptikumide jaoks, mida kasutatakse aretuses, loomakasvatuses, veterinaarhooldusasutustes, tootmisel, loomade transportimisel ja kõrvaldamisel ning analüüside ja teadustöö meditsiinilaborites. Seda ei kohaldata keemiliste desinfitseioonivahendite suhtes, mida kasutatakse toiduahelas pärast surma ja töötlevasse tööstusesse sisenemist. Toidu-, tööstus-, kodumajapidamis- ja ametkondlikus valdkonnas (WG 3) on see kohaldatav loomset või taimset päritolu toidu töötlemisel, turustamisel ja jaemüügil kasutatavate keemiliste desinfitseioonivahendite ja antiseptikumide suhtes. See kehtib ka toodete kohta kõikides avalikes kohtades, kus desinfitseioon ei ole meditsiiniliselt näidustatud (kodud, toitlustus, koolid, lasteaiad, transport, hotellid, kontorid jne), ja toodetele, mida kasutatakse pakendamiseks, biotehnoloogias, laborites (välja arvatud laborid veterinaaria ja meditsiini analüüsideks ja teadustööks), farmaatsia-, kosmeetika- jms tööstuses. See dokument on kohaldatav ka väljatöötamisel olevatele toimeainetele ja toodetele, mille kasutusala pole veel kindlaks määratud. Seda dokumenti uuendatakse perioodiliselt, et kajastada iga ajakohase avaldatud standardi versiooni, mis on tehnilises komitees CEN/TC 216 välja töötatud. Sõltumata sellest uuendusest tuleb kasutada uusi avaldatud standardeid, isegi kui need ei ole standardis EN 14885 mainitud. See dokument ei viita toodete või toimeainete toksikoloogiliste ja ökotoksikoloogiliste omaduste katsetamise meetoditele.

Keel: en, et

Alusdokumendid: EN 14885:2022

Asendab dokumenti: CEN/TR 17296:2018

Asendab dokumenti: EVS-EN 14885:2018

EVS-EN 17422:2022

Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of teat disinfectants used in the veterinary area - Test method and requirements (phase 2 step 2)

This procedure specifies a test method and the minimum requirements for bactericidal activity of teat disinfectants that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water. This method applies to teat disinfectants that are used in the veterinary area on teat skin without mechanical action as pre-milking and/or post-milking teat disinfectants. NOTE 1 The method described is intended to determine the activity of commercial formulations under the conditions in which they are used. NOTE 2 This method corresponds to a phase 2 step 2 test. NOTE 3 Two types of synthetic skin were assessed in a ring trial with no significant difference in performance. Other synthetic skins may become available and may be used if it can be shown that they give comparable results to the two referenced in this standard.

Keel: en

Alusdokumendid: EN 17422:2022

75 NAFTA JA NAFTATEHNOLOOGIA

CEN ISO/TS 21911-2:2022

Solid recovered fuels - Determination of self-heating - Part 2: Basket heating tests (ISO/TS 21911-2:2022)

This document gives guidance on basket heating tests for characterization of self-heating properties of solid recovered fuels (SRFs). This document includes: a) a compilation of basket heating test methods; b) guidance on the applicability and use of basket heating tests for SRF; c) information on the application of basket heating test data for calculations of critical conditions in storage. Data on spontaneous heat generation determined using this document is only associated with the specific quality and age of the sample material. The information derived using this document is intended for use in quality control and in hazard and risk assessments related to the procedures given in ISO 21912.

Keel: en

Alusdokumendid: ISO/TS 21911-2:2022; CEN ISO/TS 21911-2:2022

EVS-EN 12916:2019+A1:2022

Petroleum products - Determination of aromatic hydrocarbon types in middle distillates - High performance liquid chromatography method with refractive index detection

This document specifies a test method for the determination of the content of mono-aromatic, di-aromatic and tri-aromatic hydrocarbons in diesel fuels, paraffinic diesel fuels and petroleum distillates. This document defines two procedures, A and B. Procedure A is applicable to diesel fuels that may contain fatty acid methyl esters (FAME) up to 30 % (V/V) (as in [1], [2] or [3]) and petroleum distillates in the boiling range from 150 °C to 400 °C (as in [4]). Procedure B is applicable to paraffinic diesel fuels with up to 7 % (V/V) FAME. This procedure does not contain a dilution of the sample in order to determine the low levels of aromatic components in these fuels. The polycyclic aromatic hydrocarbons content is calculated from the sum of di-aromatic and tri-aromatic hydrocarbons and the total content of aromatic compounds is calculated from the sum of the individual aromatic hydrocarbon types. Compounds containing sulfur, nitrogen and oxygen can interfere in the determination; mono-alkenes do not interfere, but conjugated di-alkenes and poly-alkenes, if present, can do so. NOTE 1 For the purpose of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent the mass fraction, μ , and the volume fraction, φ , of a material respectively. NOTE 2 By convention, the aromatic hydrocarbon types are defined on the basis of their elution characteristics from the specified liquid chromatography column relative to model aromatic compounds. Their quantification is performed using an external calibration with a single aromatic compound for each of them, which may or may not be representative of the aromatics present in the sample. Alternative techniques and test methods may classify and quantify individual aromatic hydrocarbon types differently. NOTE 3 Backflush is part of laboratory-internal maintenance. WARNING - The use of this standard can involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this standard to take appropriate measures to ensure the safety and health of personnel prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

Keel: en

Alusdokumendid: EN 12916:2019+A1:2022

Asendab dokumenti: EVS-EN 12916:2019

EVS-EN 17649:2022

Gas infrastructure - Safety Management System (SMS) and Pipeline Integrity Management System (PIMS) - Functional requirements

This document specifies requirements on the development and implementation of a Safety Management System (SMS) and a Pipeline Integrity Management System (PIMS). The SMS is applicable for system operators of a gas infrastructure. The PIMS is applicable for system operators of gas infrastructure with a maximum operating pressure (MOP) over 16 bar. This document refers to all activities and processes related to safety aspects and performed by system operators of a gas infrastructure, including those activities entrusted to contractors. It includes safety-related provisions on operation of the gas infrastructure. This document is applicable to infrastructure for the conveyance of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686 and gases such as biomethane and hydrogen and to mixtures of these gases with natural gas. This document covers also gases classified as group H, that are to be transmitted, injected into and from storages, distributed and utilized, as specified in EN 16726. For the requirements and test methods for biomethane at the point of entry into a natural gas network, reference is made to EN 16723-1. This document can be applied for gas infrastructure conveying gases of the 3rd gas family as classified in EN 437 or for other gases such as carbon dioxide. Specific requirements for occupational health and safety are excluded from this document. For these, other European and/or international standards, e.g. ISO 45001, apply. This document specifies common basic principles for gas infrastructure. It is important that users of this document are expected to be aware that more detailed national standards and/or codes of practice exist in the CEN member countries. This document is intended to be applied in association with these national standards and/or codes of practice setting out the above-mentioned basic principles. In the event of conflicts in terms of more restrictive requirements in national legislation/regulation with the requirements of this document, the national legislation/regulation takes precedence as illustrated in CEN/TR 13737 (all parts). NOTE CEN/TR 13737 (all parts) contains: - clarification of relevant legislation/regulations applicable in a country; - if appropriate, more restrictive national requirements; - national contact points for the latest information.

Keel: en

Alusdokumendid: EN 17649:2022

Asendab dokumenti: EVS-EN 15399:2018

Asendab dokumenti: EVS-EN 16348:2013

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11403-2:2022

Plastics - Acquisition and presentation of comparable multipoint data - Part 2: Thermal and processing properties (ISO 11403-2:2022)

This document specifies test procedures for the acquisition and presentation of multipoint data on the following thermal and processing properties of plastics: — enthalpy/temperature curve; — linear-expansion/temperature curve; — melt shear viscosity.

Keel: en

Alusdokumendid: ISO 11403-2:2022; EN ISO 11403-2:2022

Asendab dokumenti: EVS-EN ISO 11403-2:2012

91 EHTUSMATERJALID JA EHTUS

EVS-EN 13823:2020+A1:2022

Ehitustoodete tuletundlikkuse katsed. Ehitustoodete, välja arvatud põrandakattematerjalide termiline mõjutamine üksiku põleva objekti poolt

Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item

See dokument määratleb katsemeetodi määramaks tuletundlikkust ehitustoodetele, välja arvatud põrandakattematerjalidele ja materjalidele, millele viidatakse delegeeritud määruses (EL) 2016/364, kui üksik põlev objekt (single burning item, SBI) mõjutab kõnealuseid tooteid termiliselt. Arvutused on esitatud lisas A. Informatsioon katsemeetodi täpsuse kohta on esitatud lisas B. Kalibreerimisprotseduurid on esitatud lisades C ja D, seejuures lisa C on normlisa. MÄRKUS See dokument on välja töötatud põhiliselt lamedate toodete tuletundlikkuse kindlaksmääramiseks. Teatud tootegruppide, nt lineaarsed tooted (torud, kanalid, kaablid jne), toodete käsitlemine võib nõuda erireegleid.

Keel: en, et

Alusdokumendid: EN 13823:2020+A1:2022

Asendab dokumenti: EVS-EN 13823:2020

EVS-EN 17609:2022

Building automation and control systems - Control applications

This document specifies control applications and function blocks focusing on but not limited to lighting, solar protection and HVAC applications. It describes how energy performance, comfort, and operational requirements of buildings are translated into functional specifications for integrated plant and room control.

Keel: en

Alusdokumendid: EN 17609:2022

[EVS-EN 61770:2009+A11+A1+A12:2022](#)

Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine Electric appliances connected to the water mains - Avoidance of acksiphonage and failure of hose-sets (IEC 61770:2008 + IEC 61770:2008/A1:2015, modified)

This European Standard specifies requirements for appliances for household and similar purposes to prevent the backflow of non-potable water into the water mains. It also specifies requirements for hose sets used for connecting such appliances to the water mains that supply water at a pressure not exceeding 1 MPa. NOTE 1 Examples of similar purposes are the installation of appliances in canteens, restaurants, launderettes and communal flats. NOTE 2 The connection of the appliance to the water mains may be temporary or permanent. NOTE 3 When reference is made to the water mains, water supplied from a cistern or similar system is also included. This standard does not apply to a) appliances used for dry cleaning; b) appliances for medical purposes; c) appliances intended for industrial purposes; d) water heaters that are an integral part of the water supply system; e) water coolers that are an integral part of the water supply system; f) backflow prevention devices for general purposes.

Keel: en

Alusdokumendid: IEC 61770:2008; EN 61770:2009; EN 61770:2009/AC:2011; EN 61770:2009/A11:2018; IEC 61770:2008/A1:2015; EN 61770:2009/A1:2019; EN 61770:2009/A12:2022

Konsolideerib dokumenti: EVS-EN 61770:2009

Konsolideerib dokumenti: EVS-EN 61770:2009/A1:2019

Konsolideerib dokumenti: EVS-EN 61770:2009/A11:2018

Konsolideerib dokumenti: EVS-EN 61770:2009/A12:2022

Konsolideerib dokumenti: EVS-EN 61770:2009/AC:2011

[EVS-EN ISO 12006-3:2022](#)

Building construction - Organization of information about construction works - Part 3: Framework for object-oriented information (ISO 12006-3:2022)

This document specifies a language-independent information model which can be used for the development of dictionaries used to store or provide information about construction works. The model is extended by instantiating content, such as further objects and their relationships, allowing the content to serve as an ontology, taxonomy, meronymy, lexicon and thesaurus. NOTE 1 Lexicons are resources for comprising lexical entries for a given language NOTE 2 Meronomies are type of hierarchies which deals with part-whole relationships NOTE 3 Ontologies are formal, explicit specification of a shared conceptualization It enables classification systems, information models, object models, data templates and process models to be cross-referenced from within a common framework. This document provides the description of an API allowing the interconnection of data dictionaries as described in ISO 23386.

Keel: en

Alusdokumendid: ISO 12006-3:2022; EN ISO 12006-3:2022

Asendab dokumenti: EVS-EN ISO 12006-3:2016

97 OLME. MEELELAHUTUS. SPORT

[EVS-EN 60312-1:2017/A11:2022](#)

Kodumajapidamises kasutatavad tolmuimejad. Osa 1: Kuivtolmuimejad. Toimivuse mõõtemetodid

Vacuum cleaners for household use - Part 1: Dry vacuum cleaners - Methods for measuring the performance

This International Standard is applicable for measurements of the performance of dry vacuum cleaners for household use in or under conditions similar to those in households. The purpose of this standard is to specify essential performance characteristics of dry vacuum cleaners being of interest to the users and to describe methods for measuring these characteristics.

Keel: en

Alusdokumendid: EN 60312-1:2017/A11:2022

Muudab dokumenti: EVS-EN 60312-1:2017

[EVS-EN 61770:2009+A11+A1+A12:2022](#)

Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine Electric appliances connected to the water mains - Avoidance of acksiphonage and failure of hose-sets (IEC 61770:2008 + IEC 61770:2008/A1:2015, modified)

This European Standard specifies requirements for appliances for household and similar purposes to prevent the backflow of non-potable water into the water mains. It also specifies requirements for hose sets used for connecting such appliances to the water mains that supply water at a pressure not exceeding 1 MPa. NOTE 1 Examples of similar purposes are the installation of appliances in canteens, restaurants, launderettes and communal flats. NOTE 2 The connection of the appliance to the water mains may be temporary or permanent. NOTE 3 When reference is made to the water mains, water supplied from a cistern or similar system is also included. This standard does not apply to a) appliances used for dry cleaning; b) appliances for medical purposes; c) appliances intended for industrial purposes; d) water heaters that are an integral part of the water supply system; e) water coolers that are an integral part of the water supply system; f) backflow prevention devices for general purposes.

Keel: en

Alusdokumendid: IEC 61770:2008; EN 61770:2009; EN 61770:2009/AC:2011; EN 61770:2009/A11:2018; IEC 61770:2008/A1:2015; EN 61770:2009/A1:2019; EN 61770:2009/A12:2022

Konsolideerib dokumenti: EVS-EN 61770:2009

Konsolideerib dokumenti: EVS-EN 61770:2009/A1:2019

Konsolideerib dokumenti: EVS-EN 61770:2009/A11:2018
Konsolideerib dokumenti: EVS-EN 61770:2009/A12:2022
Konsolideerib dokumenti: EVS-EN 61770:2009/AC:2011

EVS-EN IEC 60335-2-89:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmaaine kondensaatori või kompressoriga külmaseadmetele

Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor

This European Standard deals with the safety requirements for electrically operated commercial refrigerating appliances and ice-makers that have an incorporated motor-compressor or that are supplied in two units for assembly as a single appliance in accordance with the instructions (split system).

Keel: en

Alusdokumendid: IEC 60335-2-89:2019; IEC 60335-2-89:2019/COR1:2019; EN IEC 60335-2-89:2022; IEC 60335-2-89:2019/COR2:2021

Asendab dokumenti: EVS-EN 60335-2-89:2010

Asendab dokumenti: EVS-EN 60335-2-89:2010/A1:2016

Asendab dokumenti: EVS-EN 60335-2-89:2010/A2:2017

EVS-EN IEC 60335-2-89:2022/A11:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmaaine kondensaatori või kompressoriga külmaseadmetele

Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor

This European Standard deals with the safety requirements for electrically operated commercial refrigerating appliances and ice-makers that have an incorporated motor-compressor or that are supplied in two units for assembly as a single appliance in accordance with the instructions (split system).

Keel: en

Alusdokumendid: EN IEC 60335-2-89:2022/A11:2022

Muudab dokumenti: EVS-EN IEC 60335-2-89:2022

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 50419:2006

**Elektri- ja elektroonikaseadmete märgistamine vastavalt direktiivi 2002/96/EÜ artikli 11 lõikele 2
Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2002/96/EC (WEEE)**

Keel: en, et

Alusdokumendid: EN 50419:2006

Asendatud järgmise dokumendiga: EVS-EN 50419:2022

Standardi staatus: Kehtetu

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

EVS-EN 15399:2018

Gas infrastructure - Safety Management System for Gas Networks with maximum operating pressure up to and including 16 bar

Keel: en

Alusdokumendid: EN 15399:2018

Asendatud järgmise dokumendiga: EVS-EN 17649:2022

Standardi staatus: Kehtetu

EVS-EN 16348:2013

**Gaasitaristu. Gaasi ülekandetaristu ohutuse juhtimissüsteem (SMS) ja torustiku terviklikkuse juhtimissüsteem (PIMS) gaasi ülekandetorustikele. Talitluslikud nõuded
Gas infrastructure - Safety Management System (SMS) for gas transmission infrastructure and Pipeline Integrity Management System (PIMS) for gas transmission pipelines - Functional requirements**

Keel: en, et

Alusdokumendid: EN 16348:2013

Asendatud järgmise dokumendiga: EVS-EN 17649:2022

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

CEN/TR 17296:2018

Chemical disinfectants and antiseptics - Differentiation of active and non-active substances

Keel: en

Alusdokumendid: CEN/TR 17296:2018

Asendatud järgmise dokumendiga: EVS-EN 14885:2022

Standardi staatus: Kehtetu

EVS-EN 14885:2018

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

Keel: en, et

Alusdokumendid: EN 14885:2018

Asendatud järgmise dokumendiga: EVS-EN 14885:2022

Standardi staatus: Kehtetu

EVS-EN 16616:2015

**Keemilised desinfektsioonivahendid ja antiseptikumid. Tekstiilide kemotermiline desinfektsioon. Katsemeetod ja nõuded (2. faas, 2. etapp)
Chemical disinfectants and antiseptics - Chemical-thermal textile disinfection - Test method and requirements (phase 2, step 2)**

Keel: en

Alusdokumendid: EN 16616:2015

Asendatud järgmise dokumendiga: EVS-EN 16616:2022
Standardi staatus: Kehtetu

EVS-EN ISO 20342-1:2019

Assistive products for tissue integrity when lying down - Part 1: General Requirements (ISO 20342-1:2019)

Keel: en
Alusdokumendid: ISO 20342-1:2019; EN ISO 20342-1:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 20342-1:2022
Muudetud järgmise dokumendiga: EN ISO 20342-1:2019/prA1
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 17559:2021

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

Keel: en
Alusdokumendid: CEN/TR 17559:2021
Asendatud järgmise dokumendiga: CEN/TR 17559:2022
Standardi staatus: Kehtetu

EVS-EN 12101-6:2006

Suitsu ja kuumuse kontrollsüsteemid. Osa 6: Rõhuvahesüsteemide spetsifikatsioon. Komplektid

Smoke and heat control systems - Part 6: Specification for pressure differential systems - Kits

Keel: en, et
Alusdokumendid: EN 12101-6:2005; EN 12101-6:2005/AC:2006
Asendatud järgmise dokumendiga: EVS-EN 12101-6:2022
Asendatud järgmise dokumendiga: prEVS-EN 12101-13
Standardi staatus: Kehtetu

EVS-EN 13823:2020

Ehitustoodete tuletundlikkuse katsed. Ehitustoodete, välja arvatud põrandakattematerjalide termiline mõjutamine üksiku põleva objekti poolt

Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item

Keel: en, et
Alusdokumendid: EN 13823:2020
Asendatud järgmise dokumendiga: EVS-EN 13823:2020+A1:2022
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 12102-1:2017

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad, protsessijahutid ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

Keel: en
Alusdokumendid: EN 12102-1:2017
Asendatud järgmise dokumendiga: EVS-EN 12102-1:2022
Standardi staatus: Kehtetu

EVS-EN 60544-5:2012

Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service

Keel: en
Alusdokumendid: IEC 60544-5:2011; EN 60544-5:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 60544-5:2022
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 16348:2013

Gaasitaristu. Gaasi ülekandetaristu ohutuse juhtimissüsteem (SMS) ja torustiku terviklikkuse juhtimissüsteem (PIMS) gaasi ülekandetorustikele. Talitluslikud nõuded
Gas infrastructure - Safety Management System (SMS) for gas transmission infrastructure and Pipeline Integrity Management System (PIMS) for gas transmission pipelines - Functional requirements

Keel: en, et
Alusdokumendid: EN 16348:2013
Asendatud järgmise dokumendiga: EVS-EN 17649:2022
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOGIA

EVS-EN 62657-2:2017

Industrial communication networks - Wireless communication networks - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2017; EN 62657-2:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2022
Muudetud järgmise dokumendiga: EVS-EN 62657-2:2017/A1:2019
Standardi staatus: Kehtetu

EVS-EN 62657-2:2017/A1:2019

Industrial communication networks - Wireless communication networks - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2017/A1:2019; EN 62657-2:2017/A1:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2022
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12102-1:2017

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad, protsessijahutid ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

Keel: en
Alusdokumendid: EN 12102-1:2017
Asendatud järgmise dokumendiga: EVS-EN 12102-1:2022
Standardi staatus: Kehtetu

EVS-EN 16583:2015

Heat exchangers - Hydronic room fan coils units - Determination of the sound power level

Keel: en
Alusdokumendid: EN 16583:2015
Asendatud järgmise dokumendiga: EVS-EN 16583:2022
Standardi staatus: Kehtetu

EVS-EN 50243:2003

Outdoor bushings for 24 kV and 36 kV and for 5 kA and 8 kA, for liquid filled transformers

Keel: en

Alusdokumendid: EN 50243:2002

Asendatud järgmise dokumendiga: EVS-EN 50243:2022

Standardi staatus: Kehtetu

EVS-EN 50388:2012

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused

Railway Applications - Power supply and rolling stock - Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability

Keel: en

Alusdokumendid: EN 50388:2012

Asendatud järgmise dokumendiga: EVS-EN 50388-1:2022

Parandatud järgmise dokumendiga: EVS-EN 50388:2012/AC:2012

Parandatud järgmise dokumendiga: EVS-EN 50388:2012/AC:2013

Parandatud järgmise dokumendiga: EVS-EN 50388:2012/AC2:2013

Standardi staatus: Kehtetu

EVS-EN 50388:2012/AC2:2013

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused

Railway Applications - Power supply and rolling stock - Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability

Keel: en

Alusdokumendid: EN 50388:2012/AC:2013

Asendatud järgmise dokumendiga: EVS-EN 50388-1:2022

Standardi staatus: Kehtetu

EVS-EN 50397-2:2009

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV AC and not exceeding 36 kV AC - Part 2: Accessories for covered conductors - Tests and acceptance criteria

Keel: en

Alusdokumendid: EN 50397-2:2009

Asendatud järgmise dokumendiga: EVS-EN 50397-2:2022

Standardi staatus: Kehtetu

EVS-EN 50397-3:2010

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. - Part 3: Guide to use

Keel: en

Alusdokumendid: EN 50397-3:2010

Asendatud järgmise dokumendiga: EVS-EN 50397-3:2022

Standardi staatus: Kehtetu

EVS-EN 50419:2006

**Elektri- ja elektroonikaseadmete märgistamine vastavalt direktiivi 2002/96/EÜ artikli 11 lõikele 2
Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2002/96/EC (WEEE)**

Keel: en, et

Alusdokumendid: EN 50419:2006

Asendatud järgmise dokumendiga: EVS-EN 50419:2022

Standardi staatus: Kehtetu

EVS-EN 60544-5:2012

Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service

Keel: en
Alusdokumendid: IEC 60544-5:2011; EN 60544-5:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60544-5:2022
Standardi staatus: Kehtetu

EVS-EN 62722-1:2016

Valgustite toimivusnäitajad. Osa 1: Üldnõuded Luminaire performance - Part 1: General Requirements

Keel: en
Alusdokumendid: EN 62722-1:2016; IEC 62722-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62722-1:2022
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 153000:2002

Generic specification: Discrete pressure contact power semiconductor devices (Qualification approval)

Keel: en
Alusdokumendid: EN 153000:1998
Standardi staatus: Kehtetu

EVS-EN 50419:2006

Elektri- ja elektroonikaseadmete märgistamine vastavalt direktiivi 2002/96/EÜ artikli 11 lõikele 2 Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2002/96/EC (WEEE)

Keel: en, et
Alusdokumendid: EN 50419:2006
Asendatud järgmise dokumendiga: EVS-EN 50419:2022
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60153-4:2017

Hollow metallic waveguides - Part 4: Relevant specifications for circular waveguides

Keel: en
Alusdokumendid: IEC 60153-4:2017; EN 60153-4:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60153-4:2022
Standardi staatus: Kehtetu

EVS-EN 61290-1:2015

Optical amplifiers - Test methods - Part 1: Power and gain parameters

Keel: en
Alusdokumendid: IEC 61290-1:2014; EN 61290-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61290-1:2022
Standardi staatus: Kehtetu

EVS-EN 62657-2:2017

Industrial communication networks - Wireless communication networks - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2017; EN 62657-2:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2022
Muudetud järgmise dokumendiga: EVS-EN 62657-2:2017/A1:2019
Standardi staatus: Kehtetu

EVS-EN 62657-2:2017/A1:2019

Industrial communication networks - Wireless communication networks - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2017/A1:2019; EN 62657-2:2017/A1:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2022
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 15531-1:2015

Public transport - Service interface for real-time information relating to public transport operations - Part 1: Context and framework

Keel: en
Alusdokumendid: EN 15531-1:2015
Asendatud järgmise dokumendiga: EVS-EN 15531-1:2022
Standardi staatus: Kehtetu

EVS-EN 15531-3:2015

Public transport - Service interface for real-time information relating to public transport operations - Part 3: Functional service interfaces

Keel: en
Alusdokumendid: EN 15531-3:2015
Asendatud järgmise dokumendiga: EVS-EN 15531-3:2022
Standardi staatus: Kehtetu

EVS-EN 62657-2:2017

Industrial communication networks - Wireless communication networks - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2017; EN 62657-2:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2022
Muudetud järgmise dokumendiga: EVS-EN 62657-2:2017/A1:2019
Standardi staatus: Kehtetu

EVS-EN 62657-2:2017/A1:2019

Industrial communication networks - Wireless communication networks - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2017/A1:2019; EN 62657-2:2017/A1:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2022
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 16116-1:2013

Raudteealased rakendused. Konstruksiooninõuded astmetele, käsipuudele ja seonduvatele personali juurdepääsuteedele. Osa 1: Reisiveerem, pagasivagunid ja vedurid Railway applications - Design requirements for steps, handrails and associated access for staff - Part 1: Passenger vehicles, luggage vans and locomotives

Keel: en
Alusdokumendid: EN 16116-1:2013
Asendatud järgmise dokumendiga: EVS-EN 16116-1:2022
Standardi staatus: Kehtetu

EVS-EN 50388:2012

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitlusvõime saavutamise kooskõlastatud tehnilised tingimused Railway Applications - Power supply and rolling stock - Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability

Keel: en
Alusdokumendid: EN 50388:2012

Asendatud järgmise dokumendiga: EVS-EN 50388-1:2022
Parandatud järgmise dokumendiga: EVS-EN 50388:2012/AC:2012
Parandatud järgmise dokumendiga: EVS-EN 50388:2012/AC:2013
Parandatud järgmise dokumendiga: EVS-EN 50388:2012/AC2:2013
Standardi staatus: Kehtetu

EVS-EN 50388:2012/AC2:2013

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused

Railway Applications - Power supply and rolling stock - Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability

Keel: en

Alusdokumendid: EN 50388:2012/AC:2013

Asendatud järgmise dokumendiga: EVS-EN 50388-1:2022

Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 13336:2012

Leather - Upholstery leather characteristics - Guide for selection of leather for furniture

Keel: en

Alusdokumendid: EN 13336:2012

Asendatud järgmise dokumendiga: EVS-EN 13336:2022

Standardi staatus: Kehtetu

EVS-EN ISO 15701:2015

Leather - Tests for colour fastness - Colour fastness to migration into polymeric material (ISO 15701:2015)

Keel: en

Alusdokumendid: ISO 15701:2015; EN ISO 15701:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 15701:2022

Standardi staatus: Kehtetu

65 PÖLLUMAJANDUS

CEN/TR 17559:2021

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

Keel: en

Alusdokumendid: CEN/TR 17559:2021

Asendatud järgmise dokumendiga: CEN/TR 17559:2022

Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

CEN/TR 17559:2021

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

Keel: en

Alusdokumendid: CEN/TR 17559:2021

Asendatud järgmise dokumendiga: CEN/TR 17559:2022

Standardi staatus: Kehtetu

EVS-EN 1186-10:2003

Materials and articles in contact with foodstuffs - Plastics - Part 10: Test methods for overall migration into olive oil (modified method for use in cases where incomplete extraction of olive oil occurs)

Keel: en

Alusdokumendid: EN 1186-10:2002

Asendatud järgmise dokumendiga: EVS-EN 1186-2:2022

Standardi staatus: Kehtetu

EVS-EN 1186-12:2002

Materials and articles in contact with foodstuffs - Plastics - Part 12: Test methods for overall migration at low temperatures

Keel: en
Alusdokumendid: EN 1186-12:2002
Asendatud järgmise dokumendiga: EVS-EN 1186-2:2022
Standardi staatus: Kehtetu

EVS-EN 1186-2:2002

Materials and articles in contact with foodstuffs - Plastics - Part 2: Test methods for overall migration into olive oil by total immersion

Keel: en
Alusdokumendid: EN 1186-2:2002
Asendatud järgmise dokumendiga: EVS-EN 1186-2:2022
Standardi staatus: Kehtetu

EVS-EN 1186-4:2002

Materials and articles in contact with foodstuffs - Plastics - Part 4: Test methods for overall migration into olive oil by cell

Keel: en
Alusdokumendid: EN 1186-4:2002
Asendatud järgmise dokumendiga: EVS-EN 1186-2:2022
Standardi staatus: Kehtetu

EVS-EN 1186-6:2002

Material and articles in contact with foodstuffs - Plastics - Part 6: Test methods for overall migration into olive oil using a pouch

Keel: en
Alusdokumendid: EN 1186-6:2002
Asendatud järgmise dokumendiga: EVS-EN 1186-2:2022
Standardi staatus: Kehtetu

EVS-EN 1186-8:2002

Materials and articles in contact with foodstuffs - Plastics - Part 8: Test methods for overall migration into olive oil by article filling

Keel: en
Alusdokumendid: EN 1186-8:2002
Asendatud järgmise dokumendiga: EVS-EN 1186-2:2022
Standardi staatus: Kehtetu

EVS-EN 12355:2003+A1:2010

Toidutöötlemismasinad. Koorimis-, nülgimis- ja kilekõrvaldamismasinad. Ohutus- ja hügieeninõuded Food processing machinery - Derinding-, skinning- and membrane removal machines - Safety and hygiene requirements

Keel: en
Alusdokumendid: EN 12355:2003+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 12355:2022
Standardi staatus: Kehtetu

EVS-EN 13885:2005+A1:2010

Toidutöötlemismasinad. Lõikamismasinad. Ohutus- ja hügieeninõuded KONSOLIDEERITUD TEKST

Food processing machinery - Clipping machines - Safety and hygiene requirements CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 13885:2005+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 13885:2022
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

CEN/TR 17296:2018

Chemical disinfectants and antiseptics - Differentiation of active and non-active substances

Keel: en

Alusdokumendid: CEN/TR 17296:2018

Asendatud järgmise dokumendiga: EVS-EN 14885:2022

Standardi staatus: Kehtetu

EVS-EN 14885:2018

Keemilised desinfektsioonivahendid ja antiseptikumid. Keemiliste desinfektsioonivahendite ja antiseptikumide Euroopa standardite rakendamine

Chemical disinfectants and antiseptics - Application of European Standards for chemical disinfectants and antiseptics

Keel: en, et

Alusdokumendid: EN 14885:2018

Asendatud järgmise dokumendiga: EVS-EN 14885:2022

Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12916:2019

Petroleum products - Determination of aromatic hydrocarbon types in middle distillates - High performance liquid chromatography method with refractive index detection (Corrected version 07.2019)

Keel: en

Alusdokumendid: EN 12916:2019

Asendatud järgmise dokumendiga: EVS-EN 12916:2019+A1:2022

Standardi staatus: Kehtetu

EVS-EN 16348:2013

Gaasitaristu. Gaasi ülekandetaristu ohutuse juhtimissüsteem (SMS) ja torustiku terviklikkuse juhtimissüsteem (PIMS) gaasi ülekandetorustikele. Talitluslikud nõuded

Gas infrastructure - Safety Management System (SMS) for gas transmission infrastructure and Pipeline Integrity Management System (PIMS) for gas transmission pipelines - Functional requirements

Keel: en, et

Alusdokumendid: EN 16348:2013

Asendatud järgmise dokumendiga: EVS-EN 17649:2022

Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11403-2:2012

Plastics - Acquisition and presentation of comparable multipoint data - Part 2: Thermal and processing properties (ISO 11403-2:2012)

Keel: en

Alusdokumendid: ISO 11403-2:2012; EN ISO 11403-2:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 11403-2:2022

Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12102-1:2017

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad, protsessijahutid ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

Keel: en
Alusdokumendid: EN 12102-1:2017
Asendatud järgmise dokumendiga: EVS-EN 12102-1:2022
Standardi staatus: Kehtetu

EVS-EN 13823:2020

Ehitustoodete tuletundlikkuse katsed. Ehitustoodete, välja arvatud põrandakattematerjalide termiline mõjutamine üksiku põleva objekti poolt
Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item

Keel: en, et
Alusdokumendid: EN 13823:2020
Asendatud järgmise dokumendiga: EVS-EN 13823:2020+A1:2022
Standardi staatus: Kehtetu

EVS-EN 15399:2018

Gas infrastructure - Safety Management System for Gas Networks with maximum operating pressure up to and including 16 bar

Keel: en
Alusdokumendid: EN 15399:2018
Asendatud järgmise dokumendiga: EVS-EN 17649:2022
Standardi staatus: Kehtetu

EVS-EN ISO 12006-3:2016

Ehitamine. Ehitusinfo korraldamine. Osa 3: Objektikeskse info raamistik
Building construction - Organization of information about construction works - Part 3: Framework for object-oriented information (ISO 12006-3:2007)

Keel: en, et
Alusdokumendid: ISO 12006-3:2007; EN ISO 12006-3:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 12006-3:2022
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 1335-4:2009

Office furniture - Office work chair - Part 4: Clarifications to EN 1335-1:2000 (Dimensions)

Keel: en
Alusdokumendid: CEN/TR 1335-4:2009
Standardi staatus: Kehtetu

EVS-EN 60335-2-89:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmutuskondensaatori või kompressoriga külmutusseadmetele

Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor

Keel: en
Alusdokumendid: IEC 60335-2-89:2010; EN 60335-2-89:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-89:2022
Muudetud järgmise dokumendiga: EVS-EN 60335-2-89:2010/A1:2016
Muudetud järgmise dokumendiga: EVS-EN 60335-2-89:2010/A2:2017
Standardi staatus: Kehtetu

EVS-EN 60335-2-89:2010/A1:2016

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmutuskondensaatori või kompressoriga külmutusseadmetele

Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor

Keel: en
Alusdokumendid: IEC 60335-2-89:2010/A1:2012; EN 60335-2-89:2010/A1:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-89:2022

Standardi staatus: Kehtetu

EVS-EN 60335-2-89:2010/A2:2017

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmutuskondensaatori või kompressoriga külmutusseadmetele

Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor

Keel: en

Alusdokumendid: IEC 60335-2-89:2010/A2:2015; EN 60335-2-89:2010/A2:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-89:2022

Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

Iga arvamusküsitlusele 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 kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN ISO 14050:2020/prA1

Keskkonnajuhtimine. Sõnavara

Environmental management - Vocabulary - Amendment 1 (ISO 14050:2020/DAM 1:2022)

Amendment to EN ISO 14050:2020

Keel: en

Alusdokumendid: EN ISO 14050:2020/prA1; ISO 14050:2020/DAM 1:2022

Muudab dokumenti: EVS-EN ISO 14050:2020

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 13237

Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This document specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres. NOTE Directive 2014/34/EU concerning equipment and protective systems intended for use in potentially explosive atmospheres can be applicable to the type of machine or equipment covered by this document. This document is not intended to provide means of complying with the essential health and safety requirements of Directive 2014/34/EU.

Keel: en

Alusdokumendid: prEN 13237

Asendab dokumenti: EVS-EN 13237:2012

Arvamusküsitluse lõppkuupäev: 14.10.2022

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

prEN ISO 37101

Sustainable development in communities - Management system for sustainable development - Requirements with guidance for use (ISO 37101:2016)

ISO 37101:2016 establishes requirements for a management system for sustainable development in communities, including cities, using a holistic approach, with a view to ensuring consistency with the sustainable development policy of communities. The intended outcomes of a management system for sustainable development in communities include: - managing sustainability and fostering smartness and resilience in communities, while taking into account the territorial boundaries to which it applies; - improving the contribution of communities to sustainable development outcomes; - assessing the performance of communities in progressing towards sustainable development outcomes and the level of smartness and of resilience that they have achieved; - fulfilling compliance obligations. ISO 37101:2016 is intended to help communities become more resilient, smart and sustainable, through the implementation of strategies, programmes, projects, plans and services, and demonstrate and communicate their achievements. ISO 37101:2016 is intended to be implemented by an organization designated by a community to establish the organizational framework and to provide the resources necessary to support the management of environmental, economic and social performance outcomes. A community that chooses to establish the organizational framework by itself is considered to constitute an organization as defined in ISO 37101:2016. ISO 37101:2016 is applicable to communities of all sizes, structures

and types, in developed or developing countries, at local, regional or national levels, and in defined urban or rural areas, at their respective level of responsibility. ISO 37101:2016 can be used in whole or in part to improve the management of sustainable development in communities. Claims of conformity to ISO 37101:2016, however, are not acceptable unless all its requirements are incorporated into an organization's management system for sustainable development in communities and fulfilled without exclusion.

Keel: en
Alusdokumendid: ISO 37101:2016; prEN ISO 37101
Asendab dokumenti: EVS-ISO 37101:2019

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEVS-ISO 10017

Kvaliteedijuhtimine. Juhised ISO 9001:2015 statistiliste meetodite kasutamiseks Quality management — Guidance on statistical techniques for ISO 9001:2015 (ISO 10017:2021, identical)

See dokument annab juhised sobivate statistiliste meetodite valikuks, mis aitavad organisatsioone, sõltumata suuruselt või keerukusest, ISO 9001:2015 standardile vastavate kvaliteedijuhtimissüsteemide arendamisel, elluviimisel, alalhoidmisel ja parendamisel. See dokument ei anna juhiseid statistiliste meetodite kasutamiseks.

Keel: en
Alusdokumendid: ISO 10017:2021
Asendab dokumenti: ISO/TR 10017:2003
Asendab dokumenti: ISO/TR 10017:2003 et

Arvamusküsitluse lõppkuupäev: 14.10.2022

07 LOODUS- JA RAKENDUSTEADUSED

prEN 17881

Food authenticity - DNA barcoding of bivalves and products derived from bivalves using a defined mitochondrial 16S rRNA gene segment

This document describes a procedure for the identification of single bivalves to the level of genus or species. The identification of bivalve species is carried out by PCR amplification of a segment of the mitochondrial 16S rRNA gene [1], [2] followed by sequencing of the PCR products and subsequent sequence comparison with entries in databases [5]. The methodology allows the identification of a large number of commercially important bivalve species. This method has been successfully validated on raw mussels, however, laboratory experience is available that it can also be applied to processed, e.g. cold smoked, hot smoked, salted, frozen, cooked, fried, deep-fried samples. This document is usually unsuitable for the analysis of highly processed foods, e.g. tins of mussels, with highly degraded DNA where the fragment lengths are not sufficient for amplification of the targets. Furthermore, it is not applicable for complex seafood products containing mixtures of two or more bivalve species.

Keel: en
Alusdokumendid: prEN 17881

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 17882

Food authenticity - DNA barcoding of meat and meat products derived from mammalia and poultry using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments

This document describes a procedure for the identification of meat and meat products derived from mammalia and poultry to the level of genus or species. The identification of meat species is carried out by PCR amplification of either a segment of the mitochondrial cytochrome b gene (cytb) [1] or the cytochrome c oxidase I gene (COI) [2], or both, followed by sequencing of the PCR products and subsequent sequence comparison with entries in databases [3], [4]. The methodology allows the identification of a large number of frequently used as well as exotic meat species in foodstuffs. The decision whether the cytb or COI gene segment or both are used for meat identification depends on the declared meat species, the applicability of the PCR method for the meat species and the availability of comparative sequences in the public databases. This method has been successfully validated on raw meat, however, laboratory experience is available that it can also be applied to processed meat products. This document is usually unsuitable for the analysis of highly processed foods with highly degraded DNA where the fragment lengths are not sufficient for amplification of the targets. Furthermore, it is not applicable for complex meat products containing mixtures of two or more meat species.

Keel: en
Alusdokumendid: prEN 17882

Arvamusküsitluse lõppkuupäev: 14.10.2022

11 TERVISEHOOLDUS

EN ISO 11607-1:2020/prA1

Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 1: Nõuded materjalile, steriilsele barjäärile ja pakendusele

Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging systems - Amendment 1 (ISO 11607-1:2019/DAM 1:2022)

Amendment to EN ISO 11607-1:2020

Keel: en

Alusdokumendid: EN ISO 11607-1:2020/prA1; ISO 11607-1:2019/DAM 1:2022

Muudab dokumenti: EVS-EN ISO 11607-1:2020

Muudab dokumenti: EVS-EN ISO 11607-1:2020+A11:2022

Arvamusküsitluse lõppkuupäev: 14.10.2022

EN ISO 11607-2:2020/prA1

Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 2: Valideerimisnõuded vormimis-, hermetiseerimis- ja koosteprotsessile

Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes - Amendment 1 (ISO 11607-2:2019/DAM 1:2022)

Amendment to EN ISO 11607-2:2020

Keel: en

Alusdokumendid: EN ISO 11607-2:2020/prA1; ISO 11607-2:2019/DAM 1:2022

Muudab dokumenti: EVS-EN ISO 11607-2:2020

Muudab dokumenti: EVS-EN ISO 11607-2:2020+A11:2022

Arvamusküsitluse lõppkuupäev: 14.10.2022

EN ISO 80369-3:2016/prA1

Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications - Amendment 1 (ISO 80369-3:2016/Amd 1:2019)

Amendment to EN ISO 80369-3:2016

Keel: en

Alusdokumendid: ISO 80369-3:2016/Amd 1:2019; EN ISO 80369-3:2016/prA1

Muudab dokumenti: EVS-EN ISO 80369-3:2016

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 1865-2

Patient handling equipment used in ambulances - Part 2: Power assisted stretcher

This document defines minimum requirements for the design and performance of power assisted stretchers used in road ambulances for the treatment and transportation of patients. It aims to ensure patient safety and minimize the physical effort required by staff operating the equipment.

Keel: en

Alusdokumendid: prEN 1865-2

Asendab dokumenti: EVS-EN 1865-2:2010+A1:2015

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 1865-6

Patient handling equipment used in ambulances - Part 6: Powered chairs

This document defines the minimum requirements for the design and performance of power assisted chairs, which are used for the conveyance of patients to and/or from road ambulances. It aims to ensure patient safety and to minimize the physical effort required by staff operating the equipment.

Keel: en

Alusdokumendid: prEN 1865-6

Arvamusküsitluse lõppkuupäev: 14.10.2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 14050:2020/prA1

Keskkonnajuhtimine. Sõnavara

Environmental management - Vocabulary - Amendment 1 (ISO 14050:2020/DAM 1:2022)

Amendment to EN ISO 14050:2020

Keel: en

Alusdokumendid: EN ISO 14050:2020/prA1; ISO 14050:2020/DAM 1:2022
Muudab dokumenti: EVS-EN ISO 14050:2020

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 13237

Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This document specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres. NOTE Directive 2014/34/EU concerning equipment and protective systems intended for use in potentially explosive atmospheres can be applicable to the type of machine or equipment covered by this document. This document is not intended to provide means of complying with the essential health and safety requirements of Directive 2014/34/EU.

Keel: en

Alusdokumendid: prEN 13237

Asendab dokumenti: EVS-EN 13237:2012

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 15080-12

Extended application of results from fire resistance tests - Part 12: Loadbearing masonry walls

This European Standard provides guidance, and where appropriate defines procedures, for variations of certain parameters and factors associated with the design of internal and external loadbearing walls that have been tested in accordance with EN 1365-1. Data from historic standard fire resistance tests may be used as supporting information. Manufactured stone masonry units according to EN 771-5 and natural stone units according to EN 771-6 are not covered. This European Standard is not valid for reinforced masonry.

Keel: en

Alusdokumendid: prEN 15080-12

Asendab dokumenti: EVS-EN 15080-12:2011

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 17885

Candle Accessories - Specification for fire safety and product safety labels

This document specifies requirements and test methods for the fire safety of candle accessories, as well as safety information and requirements on how safety information will be displayed. The safety requirements and test methods specified in this document are intended to cover the most common risks. This document does not specify requirements or test methods for uncommon risks arising from the unforeseen combination of accessories and candles.

Keel: en

Alusdokumendid: prEN 17885

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 37101

Sustainable development in communities - Management system for sustainable development - Requirements with guidance for use (ISO 37101:2016)

ISO 37101:2016 establishes requirements for a management system for sustainable development in communities, including cities, using a holistic approach, with a view to ensuring consistency with the sustainable development policy of communities. The intended outcomes of a management system for sustainable development in communities include: - managing sustainability and fostering smartness and resilience in communities, while taking into account the territorial boundaries to which it applies; - improving the contribution of communities to sustainable development outcomes; - assessing the performance of communities in progressing towards sustainable development outcomes and the level of smartness and of resilience that they have achieved; - fulfilling compliance obligations. ISO 37101:2016 is intended to help communities become more resilient, smart and sustainable, through the implementation of strategies, programmes, projects, plans and services, and demonstrate and communicate their achievements. ISO 37101:2016 is intended to be implemented by an organization designated by a community to establish the organizational framework and to provide the resources necessary to support the management of environmental, economic and social performance outcomes. A community that chooses to establish the organizational framework by itself is considered to constitute an organization as defined in ISO 37101:2016. ISO 37101:2016 is applicable to communities of all sizes, structures and types, in developed or developing countries, at local, regional or national levels, and in defined urban or rural areas, at their respective level of responsibility. ISO 37101:2016 can be used in whole or in part to improve the management of sustainable development in communities. Claims of conformity to ISO 37101:2016, however, are not acceptable unless all its requirements are incorporated into an organization's management system for sustainable development in communities and fulfilled without exclusion.

Keel: en

Alusdokumendid: ISO 37101:2016; prEN ISO 37101

Asendab dokumenti: EVS-ISO 37101:2019

Arvamusküsitluse lõppkuupäev: 14.10.2022

17 METROLOOGIA JA MÕOTMINE. FÜSIKALISED NÄHTUSED

prEN IEC 63305:2022

Underwater Acoustics - Calibration of acoustic wave vector receivers in the frequency range 5 Hz to 10 kHz

This International Standard specifies the calibration methods of acoustic wave vector receivers (sometimes referred to simply as vector receivers) in the frequency range 5 Hz to 10 kHz.

Keel: en

Alusdokumendid: 87/798/CDV; prEN IEC 63305:2022

Arvamusküsitluse lõppkuupäev: 14.10.2022

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 549:2019/prA1

Kummimaterjalid gaasiseadmete tihenditele ja membraanidele Rubber materials for seals and diaphragms for gas appliances and gas equipment

This document specifies requirements and associated test methods for rubber materials used in gas installations, gas equipment and gas appliances in contact with 1st, 2nd and 3rd family combustible gases as classified in EN 437:2018, additionally LPG, bio methane and bio LPG, in the same quality, are covered. It also establishes a classification based on temperature range and hardness. This document is applicable to materials from which homogeneous seals and homogeneous or reinforced diaphragms are manufactured. Since the dimensions and shape of the components differ from those of standard test pieces taken from sheet material as used for type testing of the rubber materials according to this document, tolerances have been made in the requirements specified by Annex A for the components with respect to those specified for standard test pieces. The range of operating temperatures covered by this document is -40 °C to $+150\text{ °C}$. For applications with potential condensation, this document is not applicable for silicon rubber, e.g. above 200 hPa (200 mbar) nominal pressure or at temperatures below 0 °C with 3rd family gases.

Keel: en

Alusdokumendid: EN 549:2019/prA1

Muudab dokumenti: EVS-EN 549:2019

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 1092-2

Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 2: Cast iron flanges

This document specifies requirements for circular flanges made from ductile, grey and malleable cast iron for DN 10 to DN 4000 and PN 2,5 to PN 100. See 4.1 and 4.2 for information regarding allowed DN and PN. This document specifies the types of flanges and their facings, dimension and tolerances, bolt sizes, surface finish of jointing faces, marking, testing, quality assurance and materials together with associated pressure/temperature (p/T) ratings.

Keel: en

Alusdokumendid: prEN 1092-2

Asendab dokumenti: EVS-EN 1092-2:1999

Arvamusküsitluse lõppkuupäev: 14.10.2022

25 TOOTMISTEHNOLLOOGIA

EN IEC 61918:2018/prAB

Industrial communication networks - Installation of communication networks in industrial premises

This document specifies basic requirements for the installation of media for communication networks within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This document is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this document covers the connection between the generic telecommunications cabling specified in ISO/IEC 11801-3 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 11801-3. NOTE If the interface used at the AO does not conform to that specified for the TO of ISO/IEC 11801-3, the cabling no longer conforms to ISO/IEC 11801-3 although certain features, including performance, of generic cabling may be retained. This document provides guidelines that cope with the critical aspects of the industrial automation area (safety, security and environmental aspects such as mechanical, liquid, particulate, climatic, chemicals and electromagnetic interference). This document does not recognise implementations of power distribution with or through Ethernet balanced cabling systems that are not specified in IEEE 802.3af and in IEEE 802.3at. This document deals with the roles of planner, installer, verifier, and acceptance test personnel, administration and maintenance personnel and specifies the relevant responsibilities and/or gives guidance.

Keel: en

Alusdokumendid: EN IEC 61918:2018/prAB

Muudab dokumenti: EVS-EN IEC 61918:2018

Muudab dokumenti: EVS-EN IEC 61918:2018/A1:2022

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 10244-2

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

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

Keel: en

Alusdokumendid: prEN 10244-2

Asendab dokumenti: EVS-EN 10244-2:2009

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 15613

Specification and qualification of welding procedures for metallic materials - Qualification based on pre-production welding test (ISO/DIS 15613:2022)

This document specifies how a preliminary welding procedure specification is qualified based on pre-production welding tests. This document is applicable to arc welding, gas welding, beam welding, resistance welding, stud welding and friction welding of metallic materials. The principles of this document may be applied to other welding processes. This document is a part of a series of standards dealing with specification and qualification of welding procedures. Details are given in ISO 15607. The use of this document can be restricted by an application standard or specification.

Keel: en

Alusdokumendid: prEN ISO 15613; ISO/DIS 15613:2022

Asendab dokumenti: EVS-EN ISO 15613:2004

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 15614-11

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 11: Electron and laser beam welding (ISO/DIS 15614-11:2022)

This document specifies how a welding procedure specification for electron or laser beam welding is qualified by a welding procedure test. This standard is a part of a series of standards, details of this series are given in ISO 15607:2019, annex A. This document defines the conditions for the execution of welding procedure qualification tests and the limits of validity of a qualified welding procedure for all practical welding operations within the range of variables listed in Clause 8. Tests shall be carried out in accordance with this standard together with additional tests when specified. This document applies to metallic materials, irrespective of the shape of the parts, their thicknesses, manufacturing method (rolling, forging, casting, sintering, etc.) and their heat treatment. It covers both the production of new parts and repair work.

Keel: en

Alusdokumendid: prEN ISO 15614-11; ISO/DIS 15614-11:2022

Asendab dokumenti: EVS-EN ISO 15614-11:2002

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 9455-1

Soft soldering fluxes - Test methods - Part 1: Determination of non-volatile matter, gravimetric method (ISO/FDIS 9455-1:2022)

Specifies a gravimetric method for the determination of the content of non-volatile matter in soft soldering fluxes. Applies to liquid and paste fluxes of type 1, as defined in ISO 9454-1.

Keel: en

Alusdokumendid: prEN ISO 9455-1; ISO/FDIS 9455-1:2022

Asendab dokumenti: EVS-EN 29455-1:1999

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 9455-17

Soft soldering fluxes - Test methods - Part 17: Surface insulation resistance comb test and electrochemical migration test of flux residues (ISO/DIS 9455-17:2022)

ISO 9455-17:2002 specifies a method of testing for deleterious effects that may arise from flux residues after soldering or tinning test coupons. The test is applicable to type 1 and type 2 fluxes in solid or liquid form, or in the form of flux-cored solder wire, solder preforms or solder paste constituted with eutectic or near-eutectic tin/lead solders. This test method is also applicable to fluxes for use with lead-free solders. However, the soldering temperatures may be adjusted with agreement between tester and customer.

Keel: en

Alusdokumendid: prEN ISO 9455-17; ISO/DIS 9455-17:2022

Asendab dokumenti: EVS-EN ISO 9455-17:2006

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 9455-6

Soft soldering fluxes - Test methods - Part 6: Determination and detection of halide (excluding fluoride) content (ISO/FDIS 9455-6:2022)

Describes three quantitative titration methods for the determination of halogenides (excluding fluoride) in soft soldering water-soluble fluxes.

Keel: en

Alusdokumendid: prEN ISO 9455-6; ISO/FDIS 9455-6:2022

Asendab dokumenti: EVS-EN ISO 9455-6:1999

Arvamusküsitluse lõppkuupäev: 14.10.2022

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 16905-4

Gas-fired endothermic engine driven heat pumps - Part 4: Test methods

This document specifies the requirements, test methods and test conditions for the rating and performance calculation of gas-fired endothermic engine driven heat pumps for heating and/or cooling mode including the engine heat recovery, to be used outdoor. This document specifies the test conditions tests methods and seasonal performances calculation methods. This document is to be used in conjunction with: a) the terms and conditions, EN 16905 1:2017 b) the safety, prEN 16905 2:2021 c) the test conditions, EN 16905 3:2017 d) the calculation of seasonal performances in heating and cooling mode, prEN 16905 5:2021 e) the heat pump standards, EN 14511 2:2018, EN 14511 3:2018 and EN 14825:2022. This document only applies to appliances with a maximum heat input (based on net calorific value) not exceeding 70 kW at standard rating conditions. This document only applies to appliances under categories I2H, I2E, I2Er, I2R, I2E(S)B, I2L, I2LL, I2ELL, I2E(R)B, I2ESi, I2E(R), I3P, I3B, I3B/P, I12H3+, I12Er3+, I12H3B/P, I12L3B/P, I12E3B/P, I12ELL3B/P, I12L3P, I12H3P, I12E3P and I12Er3P according to EN 437:2021. This document only applies to appliances having: a) gas fired endothermic engines under the control of fully automatic control systems; b) closed system refrigerant circuits in which the refrigerant does not come into direct contact with the fluid to be cooled or heated; c) where the temperature of the heat transfer fluid of the heating system (heating water circuit) does not exceed 105 °C during normal operation; d) where the maximum operating pressure in the: 1) heating water circuit (if installed) does not exceed 6 bar; 2) domestic hot water circuit (if installed) does not exceed 10 bar. This document applies to GEHP appliances only when used for space heating or space cooling or for refrigeration, with or without heat recovery. This document is applicable to GEHP appliances that are intended to be type tested. Requirements for GEHP appliances that are not type tested would need to be subject to further consideration.

Keel: en

Alusdokumendid: prEN 16905-4

Asendab dokumenti: EVS-EN 16905-4:2017

Arvamusküsitluse lõppkuupäev: 14.10.2022

29 ELEKTROTEHNIKA

FprEN 4840-002

Aerospace series - Heat shrinkable moulded shapes - Part 002: Index of product standards and product dimensions

This document lists the product standards, covered by technical specification EN 4840-001, for heat-shrinkable moulded shapes.

Keel: en

Alusdokumendid: FprEN 4840-002

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 13237

Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This document specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres. NOTE Directive 2014/34/EU concerning equipment and protective systems intended for use in potentially explosive atmospheres can be applicable to the type of machine or equipment covered by this document. This document is not intended to provide means of complying with the essential health and safety requirements of Directive 2014/34/EU.

Keel: en

Alusdokumendid: prEN 13237

Asendab dokumenti: EVS-EN 13237:2012

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 50708-3-1

Power transformers - Additional European requirements - Part 3-1: Large power transformer - General requirements

The scope of this document is to define performance requirements of Large Power Transformers in compliance with EN 50708-1-1:2020.

Keel: en
Alusdokumendid: prEN 50708-3-1
Asendab dokumenti: EVS-EN 50708-3-1:2020
Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN IEC 62271-214:2022

High-voltage switchgear and controlgear - Part 214: Internal arc classification for metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

This part of IEC 62271 specifies requirements for internal arc classification of metal-enclosed pole-mounted AC switchgear installations with rated voltages above 1 kV and up to and including 52 kV with service frequencies up to and including 60 Hz. This document is applicable to three-phase, two-phase and single-phase open terminal equipment. Enclosures may include fixed and removable components and may be filled with fluid (liquid or gas) to provide insulation. NOTE For the use of this document high-voltage (IEC 60050-601:1985, 601-01-27) is the rated voltage above 1 000 V. However, medium voltage (IEC 60050-601:1985, 601-01-28) is commonly used for distribution systems with voltages above 1 kV and generally applied up to and including 52 kV; refer to [1] of the Bibliography. This document does not preclude that other equipment may be included in the same enclosure. In such a case, any possible influence of that equipment on the switchgear and controlgear is to be taken into account.

Keel: en
Alusdokumendid: 17C/856/CDV; prEN IEC 62271-214:2022
Asendab dokumenti: EVS-EN IEC 62271-214:2019
Arvamusküsitluse lõppkuupäev: 14.10.2022

31 ELEKTROONIKA

prEN IEC 61249-2-51:2022

Materials for printed boards and other interconnecting structures - Part 2-51: Reinforced base materials, clad and unclad - Base materials for Integrated Circuit card carrier tape, unclad

This standard specifies the construction, materials, property requirements, quality assurance, packaging, marking, storage of Base materials for Integrated Circuit Card carrier tape, unclad (hereinafter referred to as IC carrier tape base materials). This standard is applicable to IC carrier tape base materials, which is a glue-coated material, one side is woven E-glass reinforced epoxy underlayer, and the other side is coated with adhesive and protected by release film.

Keel: en
Alusdokumendid: 91/1793/CDV; prEN IEC 61249-2-51:2022
Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN IEC 61967-8:2022

Integrated circuits - Measurement of electromagnetic emissions - Part 8: Measurement of radiated emissions - IC stripline method

This measurement procedure defines a method for measuring the electromagnetic radiated emission from an integrated circuit (IC) using an IC stripline. The IC being evaluated is mounted on an EMC test board (PCB) between the active conductor and the ground plane of the IC stripline arrangement.

Keel: en
Alusdokumendid: 47A/1141/CDV; prEN IEC 61967-8:2022
Asendab dokumenti: EVS-EN 61967-8:2011
Arvamusküsitluse lõppkuupäev: 14.10.2022

33 SIDETEHNIKA

EN IEC 61918:2018/prAB

Industrial communication networks - Installation of communication networks in industrial premises

This document specifies basic requirements for the installation of media for communication networks within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This document is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this document covers the connection between the generic telecommunications cabling specified in ISO/IEC 11801-3 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 11801-3. NOTE If the interface used at the AO does not conform to that specified for the TO of ISO/IEC 11801-3, the cabling no longer conforms to ISO/IEC 11801-3 although certain features, including performance, of generic cabling may be retained. This document provides guidelines that cope with the critical aspects of the industrial automation area (safety, security and environmental aspects such as mechanical, liquid, particulate, climatic, chemicals and electromagnetic interference). This document does not recognise implementations of power distribution with or through Ethernet balanced cabling systems that are not specified in IEEE 802.3af

and in IEEE 802.3at. This document deals with the roles of planner, installer, verifier, and acceptance test personnel, administration and maintenance personnel and specifies the relevant responsibilities and/or gives guidance.

Keel: en

Alusdokumendid: EN IEC 61918:2018/prAB

Muudab dokumenti: EVS-EN IEC 61918:2018

Muudab dokumenti: EVS-EN IEC 61918:2018/A1:2022

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 50289-1-2

Communication cables - Specifications for test methods - Part 1-2: Electrical test methods - DC resistance

This document details the test methods to determine the DC resistance characteristics of the conductors of cables used in analogue and digital communication systems. These characteristics are described by the conductor resistance, loop resistance and resistance unbalance.

Keel: en

Alusdokumendid: prEN 50289-1-2

Asendab dokumenti: EVS-EN 50289-1-2:2002

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN IEC 61753-081-02:2022

Fibre optic interconnecting devices and passive components - Performance standard - Part 081-02: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category C - Controlled environments

This part of IEC 61753 contains the minimum initial test and measurement requirements and severities which a fibre optic middle-scale 1 × N ($16 \leq N \leq 64$) DWDM (dense wavelength division multiplexing) arrayed waveguide grating device with channel spacing of 50 GHz, 100 GHz or 200 GHz needs to satisfy in order to be categorized as meeting the requirements of category C (controlled environment). The requirements are given for the DWDM devices with Gaussian passband profile and flat-top passband profile. The requirements exclude the devices with dynamic electrical temperature control.

Keel: en

Alusdokumendid: 86B/4627/CDV; prEN IEC 61753-081-02:2022

Asendab dokumenti: EVS-EN 61753-081-2:2014

Arvamusküsitluse lõppkuupäev: 14.10.2022

35 INFOTEHNOLOOGIA

EN IEC 61918:2018/prAB

Industrial communication networks - Installation of communication networks in industrial premises

This document specifies basic requirements for the installation of media for communication networks within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This document is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this document covers the connection between the generic telecommunications cabling specified in ISO/IEC 11801-3 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 11801-3. NOTE If the interface used at the AO does not conform to that specified for the TO of ISO/IEC 11801-3, the cabling no longer conforms to ISO/IEC 11801-3 although certain features, including performance, of generic cabling may be retained. This document provides guidelines that cope with the critical aspects of the industrial automation area (safety, security and environmental aspects such as mechanical, liquid, particulate, climatic, chemicals and electromagnetic interference). This document does not recognise implementations of power distribution with or through Ethernet balanced cabling systems that are not specified in IEEE 802.3af and in IEEE 802.3at. This document deals with the roles of planner, installer, verifier, and acceptance test personnel, administration and maintenance personnel and specifies the relevant responsibilities and/or gives guidance.

Keel: en

Alusdokumendid: EN IEC 61918:2018/prAB

Muudab dokumenti: EVS-EN IEC 61918:2018

Muudab dokumenti: EVS-EN IEC 61918:2018/A1:2022

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 19131

Geographic information - Data product specifications (ISO/FDIS 19131:2022)

ISO 19131:2007 specifies requirements for the specification of geographic data products, based upon the concepts of other ISO 19100 International Standards. It also provides help in the creation of data product specifications, so that they are easily understood and fit for their intended purpose.

Keel: en

Alusdokumendid: prEN ISO 19131; ISO/FDIS 19131:2022

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 15955-1**Railway applications - Infrastructure - Demountable machines, trailers and associated equipment - Part 1: Technical requirements for travelling and working**

This document specifies the requirements for demountable machines and trailers, including road-rail trailers - henceforward referred to as 'machines'. NOTE Trailers, including road-rail trailers, are considered as machines because they are moved along the track by powered machines. This document specifies the requirements to deal with the common hazards presented by their use on the railway during transport, assembly and installation, commissioning, travelling and working on track, use including setting, programming, and process changeover, operation, cleaning, fault finding, maintenance and de-commissioning of the machines and associated equipment when they are used as intended and under conditions of misuse which are reasonably foreseeable. These machines are not designed nor intended to operate signalling and control systems and are only designed and intended to work and travel under special operating conditions in accordance with those permitted by the infrastructure managers. These machines are not permitted to run on railway lines open to normal traffic. NOTE Other rail mounted railway maintenance and infrastructure inspection machines are dealt with in other European standards, see Technical Report CEN/TR 17498:2020. This document is also applicable to machines and associated equipment that in working mode are partly supported on the ballast or the formation. The requirements in this document are based on the assumption that the machines are used, operated and maintained by skilled person(s). This document does not apply to the following: - requirements for quality of the work or performance of the machine; - use of separate equipment temporarily mounted on machines; - machines that utilize the overhead contact line system for traction purposes or as a power source; - hazards due to air pressure caused by the passing of high-speed trains at more than 200 km/h - operation subject to special rules, e.g. potentially explosive atmospheres; - hazards due to natural causes, e.g. earthquake, lightning, flooding; - working methods; - operation in severe working conditions requiring special measures, e.g. corrosive environments, contaminating environments, strong magnetic fields; - hazards occurring when used to handle suspended loads which may swing freely.

Keel: en

Alusdokumendid: prEN 15955-1

Asendab dokumenti: EVS-EN 15954-1:2013

Asendab dokumenti: EVS-EN 15955-1:2013

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 15955-2**Railway applications - Infrastructure - Demountable machines, trailers and associated equipment - Part 2: General safety requirements**

This document specifies the general safety requirements for demountable machines and trailers, including road-rail trailers - henceforward referred to as 'machines, for use when travelling and working on railway track. NOTE Trailers, including road-rail trailers, are considered as machines because they are moved along the track by powered machines. This document specifies the requirements to deal with the common hazards presented by their use on the railway during transport, assembly and installation, commissioning, travelling and working on track, use including setting, programming, and process changeover, operation, cleaning, fault finding, maintenance and de-commissioning of the machines and associated equipment when they are used as intended and under conditions of misuse which are reasonably foreseeable. These machines will not run on railway lines open to normal traffic. NOTE Other rail mounted railway maintenance and infrastructure inspection machines are dealt with in other European standards, see Technical Report CEN/TR 17498:2020. This document is also applicable to machines and associated equipment that in working mode are partly supported on the ballast or the formation. The requirements in this document are based on the assumption that the machines are used, operated and maintained by skilled person(s). This document does not apply to the following: - requirements for quality of the work or performance of the machine; - use of separate equipment temporarily mounted on machines; - machines that utilize external power supplies such as the overhead contact line system for traction purposes or as a power source; - hazards due to air pressure caused by the passing of high-speed trains at more than 200 km/h; - operation subject to special rules, e.g. potentially explosive atmospheres; - hazards due to natural causes, e.g. earthquake, lightning, flooding; - working methods; - operation in severe working conditions requiring special measures, e.g. corrosive environments, contaminating environments, strong magnetic fields; - hazards occurring when used to handle suspended loads which may swing freely.

Keel: en

Alusdokumendid: prEN 15955-2

Asendab dokumenti: EVS-EN 15954-2:2013

Asendab dokumenti: EVS-EN 15955-2:2013

Arvamusküsitluse lõppkuupäev: 14.10.2022

FprEN 4840-002**Aerospace series - Heat shrinkable moulded shapes - Part 002: Index of product standards and product dimensions**

This document lists the product standards, covered by technical specification EN 4840-001, for heat-shrinkable moulded shapes.

Keel: en

Alusdokumendid: FprEN 4840-002

Arvamusküsitluse lõppkuupäev: 14.10.2022

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN 17134-2

Textiles and textile products - Determination of biocide additives - Part 2, Chlorophenol-based preservatives, method using gas chromatography

This document specifies a test method for the determination of the content of chlorophenol-based preservative agents in textile materials and articles composed of textile products, by chromatography.

Keel: en

Alusdokumendid: prEN 17134-2

Asendab dokumenti: EVS-EN 17134:2019

Arvamusküsitluse lõppkuupäev: 14.10.2022

65 PÖLLUMAJANDUS

prEN ISO 18497-2

Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 2: Design principles for obstacle protection systems (ISO/DIS 18497-2:2022)

This document specifies principles for the design of obstacle protective systems used in agricultural machinery and tractors that are used in agricultural applications and that have partially automated, semi-autonomous and autonomous functions. Additionally, it provides guidance on the type of information, to be provided by the manufacturer, on safe working practices (including information about residual risks). The purpose of this document is to assist in the provision of more specific safety requirements, means of verification and information for use to ensure an appropriate level of safety for agricultural machinery and tractors with partially automated, semi-autonomous and autonomous functions used in a specified way. This document deals with all the significant hazards, hazardous situations and events, relevant to agricultural machinery and tractors with partially automated, semi-autonomous and autonomous functions when used as intended and under the conditions of misuse foreseeable by the manufacturer during normal operation and service. Applicability of the design principles and any additional detailed requirements, for design, verification, validation or information for use are outside the scope of this document. NOTE Safety requirements for specific non-automated functions of agricultural machinery and tractors can be available in machine-specific type-C standards. This document is not applicable to: — forestry applications; — operations on public roads including relevant requirements for braking and steering systems. This document is not applicable to agricultural machinery and tractors which are manufactured before the date of its publication, or to systems applied to agricultural machinery and tractors put into use before the date of its publication.

Keel: en

Alusdokumendid: prEN ISO 18497-2; ISO/DIS 18497-2:2022

Asendab dokumenti: EVS-EN ISO 18497:2018

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 4254-20

Agricultural machinery - Safety - Part 20: Grape, olives and coffee harvesters (ISO/DIS 4254-20:2022)

This document, when used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of trailed and self-propelled harvesters for grapes, olives and coffee. It describes methods for the elimination or reduction of hazards arising from the intended use of these machines by one person (the operator) in the course of normal operation and service. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.

Keel: en

Alusdokumendid: ISO/DIS 4254-20; prEN ISO 4254-20

Arvamusküsitluse lõppkuupäev: 14.10.2022

67 TOIDUAINETE TEHNOLOOGIA

prEN 17881

Food authenticity - DNA barcoding of bivalves and products derived from bivalves using a defined mitochondrial 16S rRNA gene segment

This document describes a procedure for the identification of single bivalves to the level of genus or species. The identification of bivalve species is carried out by PCR amplification of a segment of the mitochondrial 16S rRNA gene [1], [2] followed by sequencing of the PCR products and subsequent sequence comparison with entries in databases [5]. The methodology allows the identification of a large number of commercially important bivalve species. This method has been successfully validated on raw mussels, however, laboratory experience is available that it can also be applied to processed, e.g. cold smoked, hot smoked, salted, frozen, cooked, fried, deep-fried samples. This document is usually unsuitable for the analysis of highly processed foods, e.g. tins of mussels, with highly degraded DNA where the fragment lengths are not sufficient for amplification of the targets. Furthermore, it is not applicable for complex seafood products containing mixtures of two or more bivalve species.

Keel: en

Alusdokumendid: prEN 17881

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 17882

Food authenticity - DNA barcoding of meat and meat products derived from mammalia and poultry using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments

This document describes a procedure for the identification of meat and meat products derived from mammalia and poultry to the level of genus or species. The identification of meat species is carried out by PCR amplification of either a segment of the mitochondrial cytochrome b gene (cytb) [1] or the cytochrome c oxidase I gene (COI) [2], or both, followed by sequencing of the PCR products and subsequent sequence comparison with entries in databases [3], [4]. The methodology allows the identification of a large number of frequently used as well as exotic meat species in foodstuffs. The decision whether the cytb or COI gene segment or both are used for meat identification depends on the declared meat species, the applicability of the PCR method for the meat species and the availability of comparative sequences in the public databases. This method has been successfully validated on raw meat, however, laboratory experience is available that it can also be applied to processed meat products. This document is usually unsuitable for the analysis of highly processed foods with highly degraded DNA where the fragment lengths are not sufficient for amplification of the targets. Furthermore, it is not applicable for complex meat products containing mixtures of two or more meat species.

Keel: en

Alusdokumendid: prEN 17882

Arvamusküsitluse lõppkuupäev: 14.10.2022

71 KEEMILINE TEHNOLOOGIA

prEN 17885

Candle Accessories - Specification for fire safety and product safety labels

This document specifies requirements and test methods for the fire safety of candle accessories, as well as safety information and requirements on how safety information will be displayed. The safety requirements and test methods specified in this document are intended to cover the most common risks. This document does not specify requirements or test methods for uncommon risks arising from the unforeseen combination of accessories and candles.

Keel: en

Alusdokumendid: prEN 17885

Arvamusküsitluse lõppkuupäev: 14.10.2022

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 19901-3

Petroleum and natural gas industries - Specific requirements for offshore structures - Part 3: Topsides structure (ISO/DIS 19901-3:2022)

This part of ISO 19901 provides requirements, guidance, and information for the design and fabrication of topsides structure for offshore structures. It complements ISO 19902, ISO 19903, ISO 19904-1, ISO 19905-1 and ISO 19906, which provide requirements for various forms of substructure. The actions on topsides structure, and the action effects in the structural components are derived from this part of ISO 19901, where necessary in combination with other International Standards in the ISO 19901 series. The resistances of non-cylindrical structural components of the topsides structure can be determined by the use of national building standards, as specified in this part of ISO 19901. The resistance of cylindrical structural components are to be in accordance with ISO 19902 but may be according to national building standards, as specified in this part of ISO 19901. This part of ISO 19901 is applicable to the following: — topsides of fixed offshore structures; — discrete structural units placed on the hull structures of floating offshore structures and mobile offshore units; — topsides of arctic offshore structures, excluding winterization (ISO 19906). If any part of the topsides structure forms part of the primary structure of the overall structural system which resists global platform actions, the requirements of this part of ISO 19901 are supplemented with applicable requirements in ISO 19902, ISO 19903, ISO 19904-1, ISO 19905-1 and ISO 19906. This part of ISO 19901 does not apply to those aspects of topsides structure that form part of the overall structural system of floating offshore structures and mobile offshore units that are governed by the rules of a recognized certifying authority and which are within class rules. The fire and explosion provisions of this part of ISO 19901 can however be applied to those parts of the hulls of floating offshore structures and mobile offshore units that contain hydrocarbon processing, piping or storage. This part of ISO 19901 addresses the following aspects of topsides structure: — design, fabrication, installation and modification; — prevention, control and assessment of fire, explosions and other accidental events. NOTE Requirements for structural integrity management are presented in ISO 19901-9. This part of ISO 19901 applies to structural components including the following: — primary and secondary structure in decks, module support frames and modules; — flare structures; — crane pedestal and other crane support arrangements; — helicopter landing decks (helidecks); — permanent bridges between separate offshore structures; — masts, towers and booms on offshore structures.

Keel: en

Alusdokumendid: prEN ISO 19901-3; ISO/DIS 19901-3:2022

Asendab dokumenti: EVS-EN ISO 19901-3:2014

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEVS 669

Kukersiitpõlevkivi. Tuhasuse määramine Kukersite oil shale - Determination of ash

Standard käsitleb kukersiitpõlevkivi tuhasuse määramise meetodit. Standardi järgi määratakse tuhasust nii kauba-põlevkivi koondproovil, ühtlustatud proovil kui ka maavara ja tehnoloogilise uuringu otstarbeks võetud kihiproovil, puursüdamikul,

rikastamise jäägil ning teistel põlevkivi proovidel, mis on võetud ja valmendatud analüüsideks kooskõlas kehtiva normdokumendiga. Märkus: Tuhasus sõltub anorgaaniliste ühendite hulgast põlevkivis ja tuhastamise tingimustest. Seetõttu on vajalik tuhasuse määramise võrreldavuse säilitamiseks tuhastamise tingimusi rangelt täita. Standardis kasutatavad põhiterminid ja nende määratlused on toodud lisas A.

Keel: et

Asendab dokumenti: EVS 669:1996

Arvamusküsitluse lõppkuupäev: 14.10.2022

77 METALLURGIA

prEN 10244-2

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

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

Keel: en

Alusdokumendid: prEN 10244-2

Asendab dokumenti: EVS-EN 10244-2:2009

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 10264-3

Steel wire and wire products - Steel wire for ropes - Part 3: Round and shaped non alloyed steel wire for high duty applications

This document specifies round and shaped non alloyed steel wire for use in the manufacture of ropes for mine hoisting, man-riding haulage, cableways for the transportation of passengers and other high duty applications. Heavy duty refers to situations where the stresses applied to the rope are either high or vary by a large amount during service. This document refers to round wires and three types of shaped wire: full lock (Z), half lock (H) and trapezoidal (T). It does not apply to steel wire taken from manufactured ropes. This document specifies the following for cold drawn non alloyed steel wire for ropes for high duty applications: - dimensional tolerances; - mechanical characteristics; - requirements relating to the chemical composition of the steel wire; - conditions to be satisfied by any coating.

Keel: en

Alusdokumendid: prEN 10264-3

Asendab dokumenti: EVS-EN 10264-3:2012

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 10270-1

Steel wire for mechanical springs - Part 1: Patented cold drawn unalloyed spring steel wire

1.1 This European Standard applies to patented cold drawn unalloyed steel wire of circular cross-section for the manufacture of mechanical springs for static duty and dynamic duty applications. 1.2 In addition to this European Standard, the general technical delivery requirements of EN 10021 are applicable.

Keel: en

Alusdokumendid: prEN 10270-1

Asendab dokumenti: EVS-EN 10270-1:2011+A1:2017

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 3995

Metallic powders - Determination of green strength by transverse rupture of rectangular compacts (ISO/DIS 3995:2022)

This second edition cancels and replaces the first edition (i. e. ISO 3995:1977). The method subjects a compact pressed form metallic powder to a uniformly increasing transverse force under controlled conditions until fracture occurs. the green strength is determined on compacts either having a particular density or after compaction at a specific compacting pressure.

Keel: en

Alusdokumendid: ISO/DIS 3995; prEN ISO 3995

Asendab dokumenti: EVS-EN 23995:2000

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 20504**Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at room temperature - Determination of compressive properties (ISO/FDIS 20504:2022)**

This document describes procedures for determination of the compressive behaviour of ceramic matrix composite materials with continuous fibre reinforcement at room temperature. This method applies to all ceramic matrix composites with a continuous fibre reinforcement, uni-directional (1D), bi-directional (2D) and tri-directional (xD, with $2 < x < 3$), tested along one principal axis of reinforcement or off axis conditions. This method also applies to carbon-fibre-reinforced carbon matrix composites (also known as carbon/carbon or C/C). Two cases of testing are distinguished: compression between platens and compression using grips.

Keel: en

Alusdokumendid: prEN ISO 20504; ISO/FDIS 20504:2022

Asendab dokumenti: EVS-EN ISO 20504:2019

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 21814**Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of aluminium nitride powders (ISO 21814:2019)**

This document specifies methods for the chemical analysis of fine aluminium nitride powders used as the raw material for fine ceramics. This document stipulates the determination methods of the aluminium, total nitrogen, boron, calcium, copper, iron, magnesium, manganese, molybdenum, nickel, potassium, silicon, sodium, titanium, tungsten, vanadium, zinc, zirconium, carbon, chlorine, fluorine, and oxygen contents in aluminium nitride powders. The aluminium content is determined by using either an acid pressure decomposition-CyDTA-zinc back titration method or an acid digestion-inductively coupled plasma-optical emission spectrometry (ICP-OES) method. The total nitrogen content is determined by using an acid pressure decomposition-distillation separation-acidimetric titration method, a direct decomposition-distillation separation-acidimetric titration method, or an inert gas fusion-thermal conductivity method. The boron, calcium, copper, iron, magnesium, manganese, molybdenum, nickel, potassium, silicon, sodium, titanium, tungsten, vanadium and zinc contents are determined by using an acid digestion-ICP-OES method or an acid pressure decomposition-ICP-OES method. The sodium and potassium contents are determined via an acid pressure decomposition-flame emission method or an acid pressure decomposition-atomic absorption spectrometry method. The oxygen content is determined by using an inert gas fusion-IR absorption spectrometry method, while that of carbon is determined via a combustion-IR absorption spectrometry method or a combustion-conductometry method. The chlorine and fluorine contents are determined by using a pyrohydrolysis method followed by ion chromatography or spectrophotometry.

Keel: en

Alusdokumendid: ISO 21814:2019; prEN ISO 21814

Asendab dokumenti: EVS-EN 725-4:2006

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 21821**Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of densification properties of ceramic powders on natural sintering (ISO 21821:2019)**

This document specifies the test method to determine the extent to which ceramic powder compacts made of granulated or ungranulated ceramic powders are densified, when they are sintered at a high temperature without the application of any external pressure or external densification force. The test method is applicable to pure oxides, mixtures of oxides and solid solutions, and is also applicable to non-oxides (e.g. carbides, nitrides) that can be sintered under vacuum or constant gas pressure (1 bar or less) to prevent oxidation or decomposition. The test method is not applicable to ceramics that can only be sintered using pressure-assisted sintering techniques such as hot pressing (HP), hot isostatic pressing (HIP), gas pressure sintering (GPS) or spark plasma sintering (SPS). Inorganic sintering additives can be used where their presence is reported.

Keel: en

Alusdokumendid: ISO 21821:2019; prEN ISO 21821

Asendab dokumenti: EVS-EN 725-11:2006

Arvamusküsitluse lõppkuupäev: 14.10.2022

EN 549:2019/prA1**Kummimaterjalid gaasiseadmete tihenditele ja membraanidele
Rubber materials for seals and diaphragms for gas appliances and gas equipment**

This document specifies requirements and associated test methods for rubber materials used in gas installations, gas equipment and gas appliances in contact with 1st, 2nd and 3rd family combustible gases as classified in EN 437:2018, additionally LPG, bio methane and bio LPG, in the same quality, are covered. It also establishes a classification based on temperature range and hardness. This document is applicable to materials from which homogeneous seals and homogeneous or reinforced diaphragms are manufactured. Since the dimensions and shape of the components differ from those of standard test pieces taken from sheet material as used for type testing of the rubber materials according to this document, tolerances have been made in the requirements specified by Annex A for the components with respect to those specified for standard test pieces. The range of operating temperatures covered by this document is -40 °C to $+150\text{ °C}$. For applications with potential condensation, this

document is not applicable for silicon rubber, e.g. above 200 hPa (200 mbar) nominal pressure or at temperatures below 0 °C with 3rd family gases.

Keel: en

Alusdokumendid: EN 549:2019/prA1

Muudab dokumenti: EVS-EN 549:2019

Arvamusküsitluse lõppkuupäev: 14.10.2022

91 EHTUSMATERJALID JA EHTUS

EN 508-3:2021/prA1

Roofing and cladding products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet - Part 3: Stainless steel

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

Keel: en

Alusdokumendid: EN 508-3:2021/prA1

Muudab dokumenti: EVS-EN 508-3:2021

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 15080-12

Extended application of results from fire resistance tests - Part 12: Loadbearing masonry walls

This European Standard provides guidance, and where appropriate defines procedures, for variations of certain parameters and factors associated with the design of internal and external loadbearing walls that have been tested in accordance with EN 1365-1. Data from historic standard fire resistance tests may be used as supporting information. Manufactured stone masonry units according to EN 771-5 and natural stone units according to EN 771-6 are not covered. This European Standard is not valid for reinforced masonry.

Keel: en

Alusdokumendid: prEN 15080-12

Asendab dokumenti: EVS-EN 15080-12:2011

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN 17886

Laboratory test method - assessment of the susceptibility of thermal insulation products to mould growth

This document describes a laboratory test method to determine the susceptibility of thermal insulation products used for construction against mould growth under specified climatic conditions. The method is applicable to both factory-made products and in situ formed products. Factory-made products include panels, mats, and rolls. In situ formed products are usually those that are delivered loose and installed by blowing-in, poring, or spraying-on, using water and/or binder, whether or not they are also treated using additives. Depending on the insulation manufacturer, the test is carried out with one of the conditions in Table 1. This condition is linked to worst case scenarios selected from real hygrothermal conditions that reflect the end use conditions experienced by insulation products, and to short test duration for mould test. This test method determines the susceptibility of a thermal insulation material to mould growth, but does not determine the suitability for use in a given design (wall, roof, etc.). This method does not predict the resistance of an insulation product to accidental water exposure resulting in saturation of the product (water damage).

Keel: en

Alusdokumendid: prEN 17886

Arvamusküsitluse lõppkuupäev: 14.10.2022

prEN ISO 18674-8

Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 8: Measurement of forces: Load cells (ISO/DIS 18674-8:2022)

This standard is part 8 of the series ISO 18674, as described in ISO 18674-1: Part 1. General rules for the methods and rules for measurement of normal forces and loads from tieback, bracing, struts and other elements like piles in geotechnical engineering or more general in foundation engineering are given

Keel: en

Alusdokumendid: ISO/DIS 18674-8; prEN ISO 18674-8

Arvamusküsitluse lõppkuupäev: 14.10.2022

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 143001:2005

Blank Detail Specification: Directly heated negative temperature coefficient thermistors (Beads in solid glass or vitreous enamel)

It is one of a series of blank detail specifications for directly heated negative temperature coefficient thermistors, all relating to the generic specification CESS 43000.

Keel: en

Alusdokumendid: EN 143001:1991

Tühistamisküsitluse lõppkuupäev: 14.09.2022

EVS-EN 143002:2005

Blank detail specification: directly heated negative temperature coefficient thermistors (beads in envelopes)

It is one of a series of blank detail specifications for directly heated negative temperature coefficient thermistors, all relating to the generic specification CESS 43000.

Keel: en

Alusdokumendid: EN 143002:1991

Tühistamisküsitluse lõppkuupäev: 14.09.2022

EVS-EN 143003:2005

Blank Detail Specification: Directly heated negative temperature coefficient thermistors (Disk type)

It is one of a series of blank detail specifications for directly heated negative temperature coefficient thermistors, all relating to the generic specification CESS 43000.

Keel: en

Alusdokumendid: EN 143003:1991

Tühistamisküsitluse lõppkuupäev: 14.09.2022

EVS-EN 143004:2005

Blank Detail Specification: Directly heated negative temperature coefficient thermistors (Rod type)

It is one of a series of blank detail specifications for directly heated negative temperature coefficient thermistors, all relating to the generic specification CESS 43000.

Keel: en

Alusdokumendid: EN 143004:1991

Tühistamisküsitluse lõppkuupäev: 14.09.2022

EVS-EN 62676-2-3:2014

Video surveillance systems for use in security applications -- Part 2-3: Video transmission protocols - IP interoperability implementation based on Web services

IEC 62676-2-3:2013 defines procedures for communication between network video clients and video transmitter devices based on Web Services. This new set of specifications makes it possible to build network video systems with devices and receivers from different manufacturers using common and well defined interfaces. The management and control interfaces defined in this standard are described as Web services. This international standard also contains full XML schema and Web Service Description Language (WSDL) definitions for the introduced network video services. Furthermore, appropriate protocol extensions have been introduced in order to make it possible for network video manufacturers to offer a fully standardized network video transfer solution to its customers and integrators. A video transmission device supporting compliance to the requirements of this standard with the help of Web services according to the specification of this part is declared as compatible to IEC 62676-2-1 Web service Interoperability.

Keel: en

Alusdokumendid: IEC 62676-2-3:2013; EN 62676-2-3:2014

Tühistamisküsitluse lõppkuupäev: 14.09.2022

UUED EESTIKEELSESD 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 10250-4:2021

Terasest sepsid üldiseks insenertehniliseks otstarbeks. Osa 4: Roostevabad terased Open die steel forgings for general engineering purposes - Part 4: Stainless steels

See dokument spetsifitseerib ferriit-, martensiit-, austeniit- ja austeniit-ferriitstruktuuriga roostevabast terasest sepside, sepiastatud varraste ja rõngavaltspinkides eelsepiastatud ja viimistletud toodete tehnilised tarnenõuded. MÄRKUS Enamik standardi EN 10250 selles osas loetletud teraseid on identsed standardites EN 10088-3 ja EN 10028-7 spetsifitseeritud terastega ning üksikasjalikumad teavet omaduste kohta on esitatud nendes Euroopa standardites. Üldine teave tehniliste tarnetingimuste kohta on esitatud standardis EN 10021.

EVS-EN 1097-6:2022

Täitematerjalide mehaaniliste ja füüsikaliste omaduste katsetamine. Osa 6: Terade tiheduse ja veeimavuse määramine

Tests for mechanical and physical properties of aggregates - Part 6: Determination of particle density and water absorption

See dokument määrab kindlaks tüübikatseteks ja erimeelsuste korral kasutatavad etalonmeetodid tavalise täitematerjali ja kergtäitematerjali terade tiheduse ja veeimavuse määramiseks. Teisi meetodeid võib kasutada muudel eesmärkidel, nagu näiteks tehase tootmisohje, eeldusel, et on tagatud sobiv toimiv suhe etalonmeetodiga. Mugavuse mõttes on mõned taolised meetodid kirjeldatud ka selles dokumendis. Etalonmeetodid tavalise täitematerjali puhul on — traatkorvimeetod 31,5 mm sõelale jäänud täitematerjali teradele (peatükk 7, välja arvatud raudteeballast, millele kehtib lisa B); — püknomeetrimetod 31,5 mm sõela läbinud ja 4 mm sõelale jäänud täitematerjali teradele (peatükk 8); — püknomeetrimetod 4 mm sõela läbinud ja 0,063 mm sõelale jäänud täitematerjali teradele (peatükk 9). Peatükkides 7, 8 ja 9 on määratletud kolm erinevat terade tiheduse näitajat (väljakuivatatud terade tihedus, küllastatud ja pindkuivate terade tihedus ning terade näivtihedus) ja veeimavus pärast 24-tunnist immutamist. Lisas B on määratletud väljakuivatatud terade tiheduse näitaja pärast konstantse massi vees immutamist. Peatüki 7 traatkorvimeetodit võib kasutada peatüki 8 püknomeetrimetodi alternatiivina täitematerjali 31,5 mm sõela läbinud ja 4 mm sõelale jäänud teradele. MÄRKUS 1 Traatkorvimeetodit võib kasutada ka täitematerjali üksikute 63 mm sõelale jäänud terade puhul. MÄRKUS 2 Peatüki 8 kirjeldatud püknomeetrimetodit võib alternatiivmeetodina kasutada 4 mm sõela läbinud ja 2 mm sõelale jäänud täitematerjalide korral. Etalonmeetodid kergtäitematerjalide puhul on — püknomeetrimetod 31,5 mm sõela läbinud ja 4 mm sõelale jäänud täitematerjali teradele (lisa C). Määratakse kolm erinevat terade tihedust (väljakuivatatud tihedus, küllastatud ja pindkuiv tihedus, näivtihedus) ja veeimavus pärast väljakuivatamist ja 24-tunnist immutamist. — Büchneri lehtrit kasutatav meetod täitematerjalide terade jaoks, mis läbivad 4 mm sõela (lisa D). Kolm terade tihedust ja veeimavus määratakse, kasutades vaakumit vahemikus 50 mbar kuni 100 mbar vähemalt viie minuti jooksul. Tavalise täitematerjali terade kuivtiheduse määramiseks võib kasutada kolme muud meetodit, nagu on määratletud normlisades A ja H: — traatkorvimeetod 63 mm sõela läbinud ja 31,5 mm sõelale jäänud täitematerjali teradega (A.3); — püknomeetrimetod 31,5 mm sõela läbinud ja 0,063 mm sõelale jäänud täitematerjali teradega (A.4); — püknomeetrimetod 31,5 mm sõela läbinud täitematerjali teradele, kaasa arvatud 0/0,063 mm fraktsioon (lisa H). MÄRKUS 3 Kui veeimavus on alla 1,5 %, võib terade näivtihedust hinnata lisas A kirjeldatud terade kuivtiheduse meetodiga. Kiirmeetodit normlisas E võib kasutada tehase tootmisohje raames kergtäitematerjalide terade näivtiheduse määramiseks. Teatmelisas F esitatud meetodit saab kasutada 4 mm sõela läbinud täitematerjali terade tiheduse ja veeimavuse määramiseks. Andmed vee tiheduse kohta erinevatel temperatuuridel on esitatud normlisas G. Juhised erinevate tiheduse ja veeimavuse parameetrite tähtsuse ja kasutuse kohta on esitatud teatmelisas I. Täpsusandmed on esitatud teatmelisas J.

EVS-EN 12101-6:2022

Suitsu ja soojuste kontrollsüsteemid. Osa 6: Rõhuvahesüsteemide spetsifikatsioon. Komplektid Smoke and heat control systems - Part 6: Specification for pressure differential systems - Kits

Seda dokumenti kohaldatakse turul pakutavatele rõhuvahesüsteemi komplektidele ja komponentidele, mis on ette nähtud kasutamiseks rõhuvahesüsteemi osana. Rõhuvahesüsteemi eesmärk on vältida kaitstud ruume suitsu leviku eest, kasutades selleks rõhuvahet ja õhuvoolu. See dokument määrab kindlaks rõhuvahesüsteemide komponentide ja komplektide omadused ja katsemeetodid, et tekitada ja reguleerida nõutavat rõhuvahet ja õhuvoolu kaitstud ja kaitsmata ruumi vahel.

EVS-EN 13823:2020+A1:2022

Ehitustoodete tuleundlikkuse katsed. Ehitustoodete, välja arvatud põrandakattematerjalide termiline mõjutamine üksiku põleva objekti poolt

Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item

See dokument määratleb katsemeetodi määramaks tuleundlikkust ehitustoodetele, välja arvatud põrandakattematerjalidele ja materjalidele, millele viidatakse delegeeritud määruses (EL) 2016/364, kui üksik põlev objekt (single burning item, SBI) mõjutab kõnealuseid tooteid terminiliselt. Arvutused on esitatud lisas A. Informatsioon katsemeetodi täpsuse kohta on esitatud lisas B. Kalibreerimisprotseduurid on esitatud lisades C ja D, seejuures lisa C on normlisa. MÄRKUS See dokument on välja töötatud põhiliselt lamedate toodete tuleundlikkuse kindlaksmääramiseks. Teatud tootegruppide, nt lineaarsed tooted (torud, kanalid, kaablid jne), toodete käsitlemine võib nõuda erireegleid.

EVS-EN 14885:2022

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

Selles dokumendis täpsustatakse Euroopa standardid, millele tooted peavad vastama, et toetada selles dokumendis osutatud väiteid mikrobiitsidse toime kohta. Selles dokumendis täpsustatakse ka Euroopa standardis kasutatavad terminid ja määralused. Seda kohaldatakse toodete suhtes, mille puhul väidetakse toimet järgmiste mikroorganismide suhtes: vegetatiivsed bakterid (sealhulgas mükobakterid ja Legionella), bakteriaalsed spoorid, pärmseened, seene spoorid ja viirused (sealhulgas bakteriofaagid). See on ette nähtud a) võimaldama toodete tootjatel valida sobivad standardid, mida kasutada andmete esitamiseks, mis toetavad nende väiteid konkreetse toote kohta; b) võimaldama toote kasutajatel hinnata tootja esitatud teavet kasutusotstarbe kohta, mille jaoks nad kavatsevad toodet kasutada; c) aitama reguleerivatel asutustel hinnata tootja või toote turuleviimise eest vastutava isiku esitatud nõudeid. Seda kohaldatakse toodete suhtes, mida kasutatakse inimmeditsiinis, veterinaariavaldkonnas ning toidu-, tööstus-, kodumajapidamis- ja ametkondlikus valdkonnas. Inimmeditsiini valdkonnas (töörühm 1 ehk WG 1) kohaldatakse seda keemiliste desinfektsioonivahendite ja antiseptikumide suhtes, mida kasutatakse piirkondades ja olukordades, kus on meditsiiniliselt osutatud desinfektsioonile või antiseptikale. Sellised näidustused esinevad patsiendi hooldamisel — haiglates, kogukonna meditsiinasutustes, hambaraviasutustes ning analüüside ja uurimiste meditsiinilaborites; — koolide, lasteaedade ja hooldekodude kliinikutes — ning võib esineda ka töökohal ja kodus. See võib hõlmata ka selliseid teenuseid nagu pesumaja ja köögid, mis tarnivad tooteid otse patsiendile. Veterinaariavaldkonnas (WG 2) on see kasutatav keemiliste desinfektsioonivahendite ja antiseptikumide jaoks, mida kasutatakse aretuses, loomakasvatuses, veterinaarhooldusasutustes, tootmisel, loomade transportimisel ja kõrvaldamisel ning analüüside ja teadustöö meditsiinilaborites. Seda ei kohaldata keemiliste desinfektsioonivahendite suhtes, mida kasutatakse toiduahelas pärast surma ja töötlevasse tööstusesse sisenemist. Toidu-, tööstus-, kodumajapidamis- ja ametkondlikus valdkonnas (WG 3) on see kohaldatav loomset või taimset päritolu toidu töötlemisel, turustamisel ja jaemüügil kasutatavate keemiliste desinfektsioonivahendite ja antiseptikumide suhtes. See kehtib ka toodete kohta kõikides avalikes kohtades, kus desinfektsioon ei ole meditsiiniliselt näidustatud (kodud, toitlustus, koolid, lasteaedad, transport, hotellid, kontorid jne), ja toodetele, mida kasutatakse pakendamiseks, biotehnoloogias, laborites (välja arvatud laborid veterinaaria ja meditsiini analüüsideks ja teadustööks), farmaatsia-, kosmeetika- jms tööstuses. See dokument on kohaldatav ka väljatöötamisel olevatele toimeainetele ja toodetele, mille kasutusala pole veel kindlaks määratud. Seda dokumenti uuendatakse perioodiliselt, et kajastada iga ajakohase avaldatud standardi versiooni, mis on tehnilises komitees CEN/TC 216 välja töötatud. Sõltumata sellest uuendusest tuleb kasutada uusi avaldatud standardeid, isegi kui need ei ole standardis EN 14885 mainitud. See dokument ei viita toodete või toimeainete toksikoloogiliste ja ökotoksikoloogiliste omaduste katsetamise meetoditele.

EVS-EN 50419:2022

Elektri- ja elektroonikaseadmete märgistamine seoses elektri- ja elektroonikaromu eraldi kogumisega **Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)**

Selles dokumendis määratletakse märgistus — elektri- ja elektroonikaseadmetel eesmärgiga vähendada elektri- ja elektroonikaromu ladestamist sorteerimata jäätmetena ja võimaldada selle eraldi kogumist; MÄRKUS 1 See on kooskõlas direktiivi 2012/19/EL artikliga 14(4). — mis aitab selgelt tuvastada seadme tootjat ning — mis näitab, et seade on toodud turule pärast 13. augustit 2005; MÄRKUS 2 See on kooskõlas direktiivi 2012/19/EL artiklitega 12(3) ja 15(2). — mida rakendatakse elektri- ja elektroonikaseadmete kategooriatele, mille suhtes kehtivad Euroopa ja riiklikes eeskirjades sätestatud elektri- ja elektroonikaromu kogumise, töötlemise, taastamise ja keskkonnaohutu ladestamise nõuded eeldusel, et vastav seade ei moodusta osa muud tüüpi seadmetest, mis ei kuulu eespool nimetatud regulatsioonide kohaldamisalasse. MÄRKUS 3 See on kooskõlas direktiivi 2012/19/EL artikliga 2 ja I kuni IV lisaga [1]. See dokument ei hõlma tootja masinapõhiseks identifitseerimiseks kasutatava tehnilise andmekandja, nagu näiteks vöötkoodi, elektroonilise andmekandja või kiibi määralust.

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 EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 10250-4:2021	Open die steel forgings for general engineering purposes - Part 4: Stainless steels	Terasest sepised üldiseks inseneritehniliseks otstarbeks. Osa 4: Roostevabad terased
EVS-EN 1097-6:2022	Tests for mechanical and physical properties of aggregates - Part 6: Determination of particle density and water absorption	Täitematerjalide mehaaniliste ja füüsikaliste omaduste katsetamine. Osa 6: Terade tiheduse ja veeimavuse määramine