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EVS TEATAJA

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 3166-1:2020

Maade ja nende jaotiste nimetuste tähised. Osa 1: Maatähised Codes for the representation of names of countries and their subdivisions - Part 1: Country code (ISO 3166-1:2020)

See dokument annab põhilised juhised maatähiste rakendamiseks ja haldamiseks. Tähised on mõeldud kasutamiseks mis tahes rakendustes, milles vajatakse kehtivate maanimede esitust kodeeritult.

Keel: en, et

Alusdokumendid: ISO 3166-1:2020; EN ISO 3166-1:2020

Asendab dokumenti: EVS-EN ISO 3166-1:2014

EVS-EN ISO 7010:2020/A1:2020

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1 (ISO 7010:2019/Amd 1:2020)

Amendment for EN ISO 7010:2020

Keel: en

Alusdokumendid: ISO 7010:2019/Amd 1:2020; EN ISO 7010:2020/A1:2020

Muudab dokumenti: EVS-EN ISO 7010:2020

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

CEN ISO/TS 21176:2020

Cooperative intelligent transport systems (C-ITS) - Position, velocity and time functionality in the ITS station (ISO/TS 21176:2020)

This document specifies a generic position, velocity and time (PVT) service. It further specifies the PVT service within the ITS station (ITS-S) facilities layer (ISO 21217) and its interface to other functionalities in an ITS-S such as: — ITS-S application processes (ITS-S-APs), defined in ISO 21217; — the generic facilities service handler (FSH) functionality of the ITS station facilities layer, defined in ISO/TS 17429. This document specifies: — a PVT service which, dependent on a specific implementation, uses a variety of positioning-related sources such as global navigation satellite systems (GNSSs, e.g. GALILEO, GLONASS and GPS), roadside infrastructure, cellular infrastructure, kinematic state sensors, vision sensors; — a PVT service which merges data from the above-mentioned positioning-related sources and provides the PVT output parameters (carrying the PVT information) including the associated quality (e.g. accuracy); — how the PVT service is integrated as an ITS-S capability of the ITS station facilities layer; — the interface function calls and responses (Service Access Point service primitives) between the PVT ITS-S capability and other functionalities of the ITS station architecture; — optionally, the PVT service as a capability of the ITS-S facilities layer; see ISO 24102-6; — an ASN.1 module C-itsPvt, providing ASN.1 type and value definitions (in Annex A); — an implementation conformance statement proforma (in Annex B), as a basis for assessment of conformity to this document. NOTE It is outside the scope of this document to define the associated conformance evaluation test procedures.

Keel: en

Alusdokumendid: ISO/TS 21176:2020; CEN ISO/TS 21176:2020

EVS 875-11:2020

Vara hindamine. Osa 11: Võrdlusmeetod Property valuation - Part 11: Sales Comparison Approach

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamisega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvara-, ehitus- ja keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb võrdlusmeetodi kasutamise eesmärgi ja võimalusi, sh kvantitatiivse ja kvalitatiivse kohandamise ning statistilisi võtteid.

Keel: et

Asendab dokumenti: EVS 875-11:2014

EVS-ISO/IEC/IEEE 90003:2020

Tarkvaratehnika. Juhised standardi ISO 9001:2015 rakendamiseks tarkvarale Software engineering - Guidelines for the application of ISO 9001:2015 to computer software (ISO/IEC/IEEE 90003:2018, identical)

ISO 9001:2015 "Kvaliteedijuhtimissüsteemid. Nõuded" käsitlusala: See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhiks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele

seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, selle tüübist, suurusest või tarnitavatest toodetest ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuete. ISO/IEC/IEEE 90003:2020 annab organisatsioonidele juhiseid standardi ISO 9001:2015 rakendamiseks tarkvara ja sellega seotud tugiteenuste hankimisele, tarnimisele, väljatöötamisele, eksploatatsioonile ja hooldusele. Ta ei täienda ega muuda mingil muul viisil standardi ISO 9001:2015 nõudeid. Lisa A esitab tabeli, mis viitab standardi ISO 9001:2015 rakendamise lisajuhistele, mida võib leida ISO/IEC JTC 1/SC 7, ISO/IEC JTC1/SC27 ja ISO/TC 176 rahvusvahelistest standarditest. Selles dokumendis esitatud juhised pole mõeldud kasutamiseks hindamiskriteeriumidena kvaliteedihaldussüsteemi registreerimisel või sertifitseerimisel. Mõni organisatsioon võib siiski pidada vajalikuks selles dokumendis pakutud juhiste rakendamist ja võib olla huvitatud sellest, kas tulemusena saadud kvaliteedihaldussüsteem vastab sellele dokumendile või ei vasta. Sel juhul saab organisatsioon tarkvaravaldkonna kvaliteedihaldussüsteemide hindamiskriteeriumidena kasutada nii seda dokumenti kui ka standardit ISO 9001.

Keel: en, et

Alusdokumendid: ISO/IEC/IEEE 90003:2018

Asendab dokumenti: EVS-ISO/IEC 90003:2016

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 6887-3:2017/A1:2020

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 3: Kala ja kalatoodete ettevalmistamise erieeskirjad. Muudatus 1: Toorete meretigude proovide ettevalmistamine
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products - Amendment 1: Sample preparation for raw marine gastropods (ISO 6887-3:2017/Amd 1:2020)

Standardi EVS-EN ISO 6887-3:2017 muudatus.

Keel: en, et

Alusdokumendid: ISO 6887-3:2017/Amd 1:2020; EN ISO 6887-3:2017/A1:2020

Muudab dokumenti: EVS-EN ISO 6887-3:2017

EVS-EN ISO 6887-3:2017+A1:2020

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 3: Kala ja kalatoodete ettevalmistamise erieeskirjad
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products (ISO 6887-3:2017 + ISO 6887-3:2017/Amd 1:2020)

Selles dokumendis on määratletud kala ja kalatoodete proovide ja nende suspensioonide mikrobioloogiliseks uuringuks ettevalmistamise eeskirjad, juhul kui proovid vajavad standardis ISO 6887-1 kirjeldatud üldmeetoditest erinevat ettevalmistust. Standardis ISO 6887-1 on määratletud mikrobioloogilise uuringu algsuspensiooni ja lahjenduste valmistamise üldeskirjad. See dokument hõlmab eriprotseduure tooreste molluskite, mantelloomad ja okasnahksete proovide võtmiseks esmatootmisaladel. MÄRKUS 1 Tooreste molluskite, mantelloomad ja okasnahksete proovide võtmine esmatootmisaladel on kirjeldatud selles dokumendis, mitte standardis ISO 13307, milles on määratletud proovivõtmise eeskirjad maapealsel esmatootmistasandil. See dokument ei sisalda proovide ettevalmistamist arviliseks määramiseks ja tuvastamise meetoditeks, mille korral on ettevalmistamise üksikasjad kirjeldatud vastavates rahvusvahelistes standardites (nt ISO/TS 15216-1 ja ISO/TS 15216-2 A-hepatiidi viiruse ja noroviiruse määramiseks toidus, kasutades reaalaaja RT-PCR meetodit). See dokument on ette nähtud kasutamiseks koos standardiga ISO 6887-1. See on rakendatav järgmistele tooretele, töödeldud või külmutatud kaladele ja koorikloomadele ning nende toodetele (peamiste taksonite klassifikatsiooni kohta vt lisa A): a) Toored kalatooted, molluskid, mantelloomad ja okasnahksed, sealhulgas — terve kala või filee, nahaga või nahata, peaga või peata ning roogitud; — terved või kooritud koorikloomad; — peajalgised; — kahepoolmelised molluskid; — teod; — mantelloomad ja okasnahksed. b) Töödeldud tooted, sealhulgas — suitsukala, terve või filee, nahaga või nahata; — kuumtöödeldud või osaliselt kuumtöödeldud terved või kooritud koorikloomad, molluskid, mantelloomad ja okasnahksed; — kuumtöödeldud või osaliselt kuumtöödeldud kala ja kalapõhised mitut koostisosa sisaldavad tooted. c) Toores või kuumtöödeldud külmutatud kala, koorikloomad, molluskid ja teised, kas plokkidena või teisiti, sealhulgas — kala, kalafileed ja tükid; — terved ja kooritud koorikloomad (nt tükeldatud krabi, garneelid), molluskid, mantelloomad ja okasnahksed. MÄRKUS 2 Nendest proovidest tehtud analüüside eesmärk võib olla kas hügieeniseisundi määramine või kvaliteedikontroll. Selles dokumendis kirjeldatud proovivõtumeetodid sobivad peamiselt hügieeniseisundi määramiseks (lihaskudedele).

Keel: en, et

Alusdokumendid: ISO 6887-3:2017; EN ISO 6887-3:2017; ISO 6887-3:2017/Amd 1:2020; EN ISO 6887-3:2017/A1:2020

Konsolideerib dokumenti: EVS-EN ISO 6887-3:2017

Konsolideerib dokumenti: EVS-EN ISO 6887-3:2017/A1:2020

EVS-EN IEC 60601-2-20:2020

Elektrilised meditsiiniseadmed. Osa 2-20: Erinõuded imikute transpordiinkubaatorite esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators

IEC 60601-2-20:2020 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of INFANT TRANSPORT INCUBATOR equipment, as defined in 201.3.208, also referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document, except in 7.2.13 and 8.4.1 of the general standard. IEC 60601-2-20:2020 specifies safety requirements for INFANT TRANSPORT INCUBATORS, but alternate methods of compliance with a specific clause, by demonstrating equivalent safety, will not be judged as non-compliant, if the MANUFACTURER has demonstrated in his RISK MANAGEMENT FILE that the RISK presented by the HAZARD has been found to be of an acceptable level when weighed against the benefit of treatment from the device. This particular standard does not apply to: - devices supplying heat via BLANKETS, PADS or MATTRESSES in medical use; for information, see IEC 60601-2-35; - INFANT INCUBATORS which are not INFANT TRANSPORT INCUBATOR; for information see IEC 60601-2-19; - INFANT RADIANT WARMERS; for information, see IEC 60601-2-21; - INFANT PHOTOTHERAPY; for information, see IEC 60601-2-50. IEC 60601-2-20:2020 cancels and replaces the second edition published in 2009 and Amendment 1:2016. This edition constitutes a technical revision. IEC 60601-2-20:2020 includes the following significant technical change with respect to the previous edition: re-dating of normative references.

Keel: en

Alusdokumendid: EN IEC 60601-2-20:2020; IEC 60601-2-20:2020

Asendab dokumenti: EVS-EN 60601-2-20:2009

Asendab dokumenti: EVS-EN 60601-2-20:2009/A1:2016

Asendab dokumenti: EVS-EN 60601-2-20:2009/A11:2011

EVS-EN ISO 11979-5:2020

Ophthalmic implants - Intraocular lenses - Part 5: Biocompatibility (ISO 11979-5:2020)

This document specifies particular requirements for the biocompatibility evaluation of materials for intraocular lenses (IOLs) including the processing conditions to produce them. These requirements include evaluation of physicochemical properties that are relevant to biocompatibility. It also gives guidance on conducting an ocular implantation test.

Keel: en

Alusdokumendid: ISO 11979-5:2020; EN ISO 11979-5:2020

Asendab dokumenti: EVS-EN ISO 11979-5:2006

EVS-EN ISO 22598:2020

Dentistry - Colour tabs for intraoral tooth colour determination (ISO 22598:2020)

This document specifies requirements for tooth-like colour representations made of ceramic materials used to determine the tooth colour in the patient's mouth or to check the colour of dental prosthesis, which are referred to as colour tabs in this document. The colour coordinates of colour tabs are left to the manufacturers' discretion. Resources for visualizing the colours of ceramic and other masses, e.g. mass shade guides and colour patterns for certain ceramic and other masses, do not fall into the scope of this document. They can be manufactured from any materials and serve solely to illustrate the colour effect; they do not serve to determine colour inside the mouth.

Keel: en

Alusdokumendid: ISO 22598:2020; EN ISO 22598:2020

EVS-EN ISO 23402-1:2020

Dentistry - Portable dental equipment for use in non- permanent healthcare environment - Part 1: General requirements (ISO 23402-1:2020)

This document specifies general requirements and test methods for portable dental equipment for use in non-permanent healthcare environments. Portable dental equipment within the scope of this document includes portable dental units, portable patient chairs, portable operator's stools, portable operating lights, portable suction source equipment, portable air compressors and other portable dental equipment in instances where these devices are designed and constructed to be transported for use in non-permanent healthcare environments. NOTE Particular requirements for specific types of portable dental equipment for use in non-permanent healthcare environments are specified in subsequent parts of this document. This document does not apply to stationary dental equipment, wearable equipment (such as headlamps and loupes), mobile dental equipment or portable dental equipment that is not intended to be used in non-permanent healthcare environments or not designed to be disassembled, folded or packed for human transport between non-permanent healthcare environments. Also, requirements for stationary dental equipment that can be installed in a dental mobile medical facility (e.g. vehicular or containerized mobile dental clinic) are not considered in this document.

Keel: en

Alusdokumendid: ISO 23402-1:2020; EN ISO 23402-1:2020

EVS-EN ISO 25539-2:2020

Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (ISO 25539-2:2020)

This document specifies requirements for the evaluation of stent systems (vascular stents and delivery systems) and requirements with respect to nomenclature, design attributes and information supplied by the manufacturer, based upon current medical knowledge. Guidance for the development of in vitro test methods is included in Annex D. This document is supplemental to ISO 14630, which specifies general requirements for the performance of non-active surgical implants. NOTE 1 Due to the variations in the design of implants covered by this document, and in some cases due to the emergence of novel types of such implants, acceptable standardized in vitro tests and clinical results are not always available. As further scientific and clinical data become available, appropriate revision of this document will be necessary. This document is applicable to vascular stents and vascular scaffolds (e.g. absorbable vascular scaffolds) used to treat vascular stenoses or other vascular abnormalities or pathologies. Some of the requirements are specific to endovascular treatment of arterial stenoses. Although uses of stent systems other than treatment of arterial stenoses (e.g. venous stenting) are within the scope of this document, comprehensive requirements and testing are not described for these uses. Similarly, specific stent configurations (e.g. bifurcation stents) are within the scope, but comprehensive requirements and testing are not described for these devices. Stents used in combination with an endovascular prosthesis to complete the treatment of a lesion, including bridging stents (e.g. stents placed in the renal arteries after deployment of a fenestrated endovascular prosthesis), are within the scope of this document, but test methods are not described for the combination. ISO 25539-1 also provides information relevant to the preclinical in vivo and clinical evaluations of such stents. Vascular stents that have surface modifications, such as drug and/or other coatings, are within the scope of this document. Stents covered with materials that significantly modify the permeability of the uncovered stent (e.g. by covering the stent-free-surface area) are within the scope of ISO 25539-1. The stent design or intended use might dictate the need to address functional requirements identified in both ISO 25539-1 and this document (e.g. stents used in combination with endovascular prostheses, stents used to treat aortic aneurysms). Balloons integral to the stent system are within the scope of this document. This document provides requirements beyond the requirements of ISO 10555-4, which are specific to the use of balloons with vascular stents. This document is not applicable to procedures and devices used prior to the introduction of the vascular stent, such as balloon angioplasty devices. Tacking devices intended to spot treat post-angioplasty dissections, coil supporting devices, and flow diverters are within the scope of this document, but comprehensive requirements and testing are not described for these devices. Although drug-eluting stents are within the scope of this document, this document is not comprehensive with respect to the drug-eluting properties of these devices. NOTE 2 Vascular device-drug combination products are within the scope of ISO 12417-1.

Keel: en

Alusdokumendid: ISO 25539-2:2020; EN ISO 25539-2:2020

Asendab dokumenti: EVS-EN ISO 25539-2:2012

EVS-EN ISO 8836:2020

Suction catheters for use in the respiratory tract (ISO 8836:2019)

This document specifies dimensions and requirements for both open and closed suction catheters made of flexible materials and intended for use in suctioning of the respiratory tract. Suction catheters intended for use with flammable anaesthetic gases or agents, lasers or electrosurgical equipment are not covered by this document. NOTE For guidance on airway management during laser surgery of the upper airway, see ISO/TR 11991[4].

Keel: en

Alusdokumendid: ISO 8836:2019; EN ISO 8836:2020

Asendab dokumenti: EVS-EN ISO 8836:2014

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 17045:2020

Materials obtained from end-of-life tyres - Quality criteria for the selection of whole tyres, for recovery and recycling processes

This document provides criteria for the sorting of whole end-of-life tyres (WELT) into different classes based on categories. It also provides criteria for the determination of their suitability to be used in recycling and material recovery processes. The processes described in this document include sorting WELTs in order to determine their acceptance in recovery and recycling processes. Criteria regarding the reuse of tyres to be mounted again in a vehicle are not addressed in this document. This document does not cover the operational performance of the applications or the requirements of the materials for certain applications, which are usually agreed between the manufacturer and the customer. Solid tyres are excluded from the scope of this document.

Keel: en

Alusdokumendid: CEN/TS 17045:2020

Asendab dokumenti: CEN/TS 17045:2017

CEN/TS 17340:2020

Stationary source emissions - Determination of mass concentration of fluorinated compounds expressed as HF - Standard reference method

This European Standard specifies a manual method for the determination of the concentration of fluorinated compounds expressed in HF. Two cases are presented: - first case: the measurand is the concentration of hydrofluoric acid and gaseous and bound to particulates fluorides, - second case: the measurand is the concentration of hydrofluoric acid and gaseous fluorides. Three analytical techniques are proposed: ionometry, spectrophotometry and ion-exchange chromatography. This European Standard specifies the performance characteristics to be determined and the performance criteria to be fulfilled when it is used as the Standard Reference Method (SRM) for periodic monitoring and for calibration or control of Automated Measuring Systems (AMS) permanently installed on a stack, for regulatory or other purposes. This document applies to more or less dust-laden flue gases whose HF concentration may vary between 0,1 mg/m³ and 10 mg/m³, at standard conditions of pressure and temperature. The quantification limit of the method is estimated at 0.1 mg/m³ for a sampled volume of 0.1 m³.

Keel: en
Alusdokumendid: CEN/TS 17340:2020

CEN/TS 17510:2020

Materials obtained from end-of-life tyres - Determination of the specific surface area of powders - Method based on krypton adsorption

This document specifies a method for the determination of low specific surface area of powders ELTs rubber by measuring the amount of physically adsorbed krypton gas and applying the theoretical multipoint Brunauer, Emmett and Teller (BET) method. This document defines a specific method for powders taking into account that, in order to obtain an accurate value of specific surface area, a representative sample of the material to be tested is taken according to the principle that every particle of the sample that represents the lot have an equal probability of being included in the sample.

Keel: en
Alusdokumendid: CEN/TS 17510:2020

EVS-EN 15004-2:2020

Fixed firefighting systems - Gas extinguishing systems - Part 2: Physical properties and system design of gas extinguishing systems for FK-5-1-12 extinguishant (ISO 14520-5:2019, modified)

This document specifies requirements for gaseous fire-extinguishing systems, with respect to FK 5 1 12 extinguishant. It includes details of physical properties, specification, usage and safety aspects. This document covers only systems operating at nominal pressures of 25 bar, 34,5 bar, 42 bar and 50 bar with nitrogen propellant. This does not preclude the use of other systems.

Keel: en
Alusdokumendid: EN 15004-2:2020; ISO 14520-5:2019
Asendab dokumenti: EVS-EN 15004-2:2008

EVS-EN 15004-4:2020

Fixed firefighting systems - Gas extinguishing systems - Part 4: Physical properties and system design of gas extinguishing systems for HFC 125 extinguishant (ISO 14520-8:2019, modified)

This document specifies requirements for gaseous fire-extinguishing systems, with respect to the HFC 125 extinguishant. It includes details of physical properties, specification, usage and safety aspects. This document is applicable for systems operating at nominal pressures of 25 bar and 42 bar, superpressurized with nitrogen. This does not preclude the use of other systems.

Keel: en
Alusdokumendid: EN 15004-4:2020; ISO 14520-8:2019
Asendab dokumenti: EVS-EN 15004-4:2008

EVS-EN 15004-5:2020

Fixed firefighting systems - Gas extinguishing systems - Part 5: Physical properties and system design of gas extinguishing systems for HFC 227ea extinguishant (ISO 15420-9:2019, modified)

This document contains specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 227ea extinguishant. It includes details of physical properties, specification, usage and safety aspects. This document covers systems operating at nominal pressures of 25 bar, 42 bar and 50 bar with nitrogen propellant. This does not preclude the use of other systems.

Keel: en
Alusdokumendid: EN 15004-5:2020; ISO 15420-9:2019
Asendab dokumenti: EVS-EN 15004-5:2008

EVS-EN 15004-6:2020

Fixed firefighting systems - Gas extinguishing systems - Part 6: Physical properties and system design of gas extinguishing systems for HFC 23 extinguishant (ISO 14520-10:2019, modified)

This part of EN 15004 contains specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 23 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at a nominal pressure of 41 bar without nitrogen superpressurization and 70 bar superpressurized with nitrogen.

Keel: en
Alusdokumendid: EN 15004-6:2020; ISO 14520-10:2019
Asendab dokumenti: EVS-EN 15004-6:2008

EVS-EN 15998:2020

Glass in building - Safety in case of fire, fire resistance - Glass testing methodology for the purpose of classification

This document specifies the testing methodology to be used for glass products that are claiming fire resistance. The methodology covers type testing as defined in the relevant glass product standard. NOTE This document provides guidance with the declaration

of the characteristic, Safety in case of fire – Resistance to fire (for glass for use in a glazed assembly intended specifically for fire resistance) for the CE marking. The same methodology can also be used to determine the performance classification for market applications (see Annex B). The methodology covers all glass product types that may require testing and classification for fire resistance. Fire resistance testing covers end use applications, for example: - doors; - partitions, walls (including curtain walling); - floors, roofs; - ceilings.

Keel: en

Alusdokumendid: EN 15998:2020

Asendab dokumenti: EVS-EN 15998:2010

EVS-EN 60335-2-27:2014/A1:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009/A1:2012, modified)

Standardi EN 60335-2-27:2013 muudatus

Keel: en, et

Alusdokumendid: IEC 60335-2-27:2009/A1:2012; EN 60335-2-27:2013/A1:2020

Muudab dokumenti: EVS-EN 60335-2-27:2014

EVS-EN 60335-2-27:2014/A2:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure optical radiation (IEC 60335-2-27:2009/A2:2015, modified)

Standardi EN 60335-2-27:2013 muudatus

Keel: en, et

Alusdokumendid: IEC 60335-2-27:2009/A2:2015; EN 60335-2-27:2013/A2:2020

Muudab dokumenti: EVS-EN 60335-2-27:2014

EVS-EN 60335-2-27:2014+A1+A2:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009, modified + IEC 60335-2-27:2009/A1:2012, modified + IEC 60335-2-27:2009/A2:2015, modified)

Osa 1 peatükk „Käsitlusala“ on asendatud alljärgneva. See rahvusvaheline standard käsitleb elektriseadmete ohutust, kui need sisaldavad optilisel kiirgusel (lainepikkusega 100 nm kuni 1 mm) põhinevaid naha kiiritamiseks kasutatavaid kiirgureid ja on ette nähtud kasutamiseks majapidamis- või muudes taolistes paikades, kusjuures seadmete tunnuspinge on ühefaasiliste seadmete puhul kuni 250 V ja muude seadmete puhul kuni 480 V. Selle standardi käsitlusalasse kuuluvad ka seadmed, mis ei ole ette nähtud normaalseks olmeliseks kasutamiseks, kuid mis sellegipärast võivad inimesi ohustada, nt seadmed, mis on ette nähtud kasutamiseks päevitus- ja ilusalongides või muudes taolistes ettevõtetes. See standard käsitleb tegelikult võimalikul määral sellistest seadmetest tulenevaid tavalisi ohtusid, millega puutuvad kokku inimesed, kes kasutavad seadmeid päevitus- ja ilusalongides ja muudes taolistes ettevõtetes või kodus. Üldiselt ei arvesta see aga — seadmega mängivaid lapsi, — seadme kasutamist laste poolt. On tõdetud, et väga kaitsetutel isikutel võib olla erivajadusi üle selles standardis käsitletud tasemete. MÄRKUS 101 Tuleb pöörata tähelepanu asjaolule, et — seadmete kohta, mis on ette nähtud kasutamiseks sõidukites, laevadel või lennukites, võib vaja olla rakendada lisanõudeid; — mitmetes maades on riiklikud tervishoiu-, töökaitse- ja muud taolised ametkonnad kehtestanud lisanõudeid; — mõistlikul viisil saab rakendada standardit IEC 60598-1. MÄRKUS 102 Seda standardit ei rakendata — naha- või juuksehooldusseadmete kohta (IEC 60335-2-23); — sauna kuumutusseadmete ja infrapunakabiinide kohta (IEC 60335-2-53); — lasereid ja intensiivvalgusallikaid sisaldavate kosmeetika- ja iluhoideseadmete kohta (IEC 60335-2-113)4; — meditsiinotstarbeliste seadmete kohta (IEC 60601); — seadmete kohta, mis kasutavad ultraviolettkiirgust muul otstarbel kui naha päevitamiseks; — seadmete kohta, mis on ette nähtud kasutamiseks paikades, kus ülekaalus on eriolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aur või gaas).

Keel: en, et

Alusdokumendid: EN 60335-2-27:2013; IEC 60335-2-27:2009; EN 60335-2-27:2013/A1:2020; IEC 60335-2-27:2009/A1:2012; EN 60335-2-27:2013/A2:2020; IEC 60335-2-27:2009/A2:2015

Konsolideerib dokumenti: EVS-EN 60335-2-27:2014

Konsolideerib dokumenti: EVS-EN 60335-2-27:2014/A1:2020

Konsolideerib dokumenti: EVS-EN 60335-2-27:2014/A2:2020

EVS-EN 60335-2-30:2010+A11+A1+A12:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele

Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

This clause of Part 1 is replaced by the following. This European Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other

appliances. This standard also deals with the safety of electric heaters intended for the heating of driver and passenger compartments of motor vehicles when they are stationary, their rated voltage being not more than 250 V. NOTE Z101 Examples of appliances that are within the scope of this standard are – convector heaters; – fan heaters; – heaters for use in greenhouses; – liquid-filled radiators; – panel heaters; – radiant heaters; – tubular heaters; – ceiling mounted heat lamp appliances. – cab heaters; For extraction fans of ceiling mounted heat lamp appliances, EN 60335-2-80 is applicable as far as is reasonable. Appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this standard. NOTE Z102 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: – in shops and other similar working environments; – in farm houses; – by clients in hotels, motels and other residential type environments; – in bed and breakfast type environments. NOTE Z103 Household environments include the dwelling and its associated buildings, the garden, etc. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: • children playing with the appliance; • the use of the appliance by very young children; • the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this European Standard. NOTE Z104 Attention is drawn to the fact that – for appliances intended to be used in moving vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities; – for appliances intended to be used in the presence of combustible dust, for example in barns or stables, additional requirements may be necessary. NOTE Z105 This European Standard does not apply to – appliances intended exclusively for industrial purposes; – appliances intended to be used where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – heaters that are built into air conditioners (EN 60335-2-40); – clothes dryers and towel rails (EN 60335-2-43); – heaters for saunas (EN 60335-2-53); – thermal-storage room heaters (EN 60335-2-61); – heating appliances for breeding and rearing animals (EN 60335-2-71); – foot warmers and heating mats (EN 60335-2-81); – flexible sheet heating elements for room heating (EN 60335-2-96); – heated carpets; – central heating systems; – heating cables (IEC 60800). – heaters intended for the heating of caravans.

Keel: en

Alusdokumendid: IEC 60335-2-30:2009; EN 60335-2-30:2009; EN 60335-2-30:2009/Corr:2010; EN 60335-2-30:2009/A11:2012; EN 60335-2-30:2009/AC:2014; IEC 60335-2-30:2009/A1:2016; EN 60335-2-30:2009/A1:2020; EN 60335-2-30:2009/A12:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A1:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A11:2012
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A12:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2010
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2015
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020

EVS-EN ISO 14040:2006/A1:2020

Keskkonnakorraldus. Olelusringi hindamine. Põhimõtted ja raamistik Environmental management - Life cycle assessment - Principles and framework - Amendment 1 (ISO 14040:2006/Amd 1:2020)

Amendment for EN ISO 14040:2006

Keel: en

Alusdokumendid: ISO 14040:2006/Amd 1:2020; EN ISO 14040:2006/A1:2020
Muudab dokumenti: EVS-EN ISO 14040:2006

EVS-EN ISO 14044:2006/A2:2020

Keskkonnakorraldus. Olelusringi hindamine. Nõuded ja kasutusjuhised Environmental management - Life cycle assessment - Requirements and guidelines - Amendment 2 (ISO 14044:2006/Amd 2:2020)

Amendment for EN ISO 14044:2006

Keel: en

Alusdokumendid: ISO 14044:2006/Amd 2:2020; EN ISO 14044:2006/A2:2020
Muudab dokumenti: EVS-EN ISO 14044:2006

EVS-EN ISO 4126-3:2020

Ohutusseadmed kaitseks ülemäärase rõhu eest. Osa 3: Kaitseklappide ja puruneva membraaniga ohutusseadmete kombineeritud kasutamine Safety devices for protection against excessive pressure - Part 3: Safety valves and bursting disc safety devices in combination (ISO 4126-3:2020)

This document specifies only the requirements for a product assembled from the in-series combination of safety valves or CSPRS (controlled safety pressure relief systems) according to ISO 4126-1, ISO 4126-4 and ISO 4126-5, and bursting disc safety devices, according to ISO 4126-2, installed upstream of the valve within five pipe diameters of the valve inlet. It specifies the design, application and marking requirements for such products, composed of the bursting disc safety device, a safety valve or CSPRS and, where applicable, a connecting pipe or spool piece. In addition, it gives a method for establishing the combination discharge factor used in sizing combinations.

Keel: en

Alusdokumendid: ISO 4126-3:2020; EN ISO 4126-3:2020
Asendab dokumenti: EVS-EN ISO 4126-3:2006

17 METROLOOGIA JA MÕOTMINE. FÜSIKALISED NÄHTUSED

EVS-EN IEC 60372:2020

Locking devices for ball and socket couplings of string insulator units - Dimensions and tests

IEC 60372:2020 is applicable to locking devices used with ball and socket couplings of string insulator units and used with the corresponding metal fittings standardized in IEC 60120, when they are supplied separately. The object of this document is - to define the shapes and some standard dimensions for locking devices, - to define the test methods for locking devices, - to state the acceptance conditions for supply, - to give other dimensions for guidance of manufacturing only. This fourth edition cancels and replaces the third edition published in 1984. This edition includes the following significant technical changes with respect to the previous edition: a. Two new designated size of couplings, 36 and 40, were introduced; b. the relevant content of the 28B W-clip was deleted; c. Annex A is informative, Annex B is normative, Annex C is informative.

Keel: en

Alusdokumendid: EN IEC 60372:2020; IEC 60372:2020

Asendab dokumenti: EVS-EN 60372:2004

19 KATSETAMINE

EVS-EN ISO 22232-1:2020

Mittepurustav katsetamine. Ultrahelikatseseadmete määratlemine ja kontrollimine. Osa 1: Seadmed

Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 1: Instruments (ISO 22232-1:2020)

Selles dokumendis määratletakse meetodid ja aktsepteerimiskriteeriumid sagedusvahemikus 0,5 MHz kuni 15 MHz, et hinnata digitaalsete impulssrežiimiga ultraheliseadmete elektrilist suutlikkust A-skaneerimise kuvaga ning et teha manuaalseid mittepurustavaid ultrahelikatsetusi ühe- või kahemuunduriliste sondidega. See dokument on kohaldatav ka mitme kanaliga (multi-channel) seadmetele. Seda dokumenti saab osaliselt kohaldada ka ultraheliseadmetele automatiseeritud süsteemides, kuid teised katsed võivad olla vajalikud, et tagada rahuldav jõudlus. See dokument ei hõlma pideva lainega (continuous waves) ultraheliseadmeid. See dokument välistab ka faseeritud ultraheliseadmed (ultrasonic phased array instruments), vt nt ISO 18563-1. Kui faseeritud seadmel (phased array instrument) on spetsiaalsed ühendused ühe- või kahemuunduriliste sondide jaoks, on see dokument nendele kanalitele rakendatav.

Keel: en, et

Alusdokumendid: ISO 22232-1:2020; EN ISO 22232-1:2020

Asendab dokumenti: EVS-EN 12668-1:2010

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 11755:2020

Gas cylinders - Cylinder bundles for compressed and liquefied gases (excluding acetylene) - Inspection at time of filling (ISO 11755:2005)

This Standard specifies the requirements for inspection before, during and after the time of filling for cylinder bundles for compressed and liquefied gases, also referred to as bundles. This Standard does not apply to acetylene bundles. This Standard does not apply to bundles when they are a part of a battery vehicle.

Keel: en

Alusdokumendid: ISO 11755:2005; EN ISO 11755:2020

EVS-EN ISO 6259-2:2020

Thermoplastics pipes - Determination of tensile properties - Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI) (ISO 6259-2:2020)

This document specifies a method for determining the tensile properties of pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI, PVC-M or PVC-A), and in particular the following properties: — the stress at yield and stress at break; — the elongation at break. NOTE The general method of test for the determination of the tensile properties of thermoplastics pipes is given in ISO 6259-1. This document also gives, for information purposes only, the corresponding basic specifications in Annexes A, B, C and D.

Keel: en

Alusdokumendid: ISO 6259-2:2020; EN ISO 6259-2:2020

CEN/TR/ISO/ASTM 52912:2020

Additive manufacturing - Design - Functionally graded additive manufacturing (ISO/ASTM/TR 52912:2020)

The use of Additive Manufacturing (AM) enables the fabrication of geometrically complex components by accurately depositing materials in a controlled way. Technological progress in AM hardware, software, as well as the opening of new markets demand for higher flexibility and greater efficiency in today's products, encouraging research into novel materials with functionally graded and high-performance capabilities. This has been termed as Functionally Graded Additive Manufacturing (FGAM), a layer-by-layer fabrication technique that involves gradationally varying the ratio of the material organization within a component to meet an intended function. As research in this field has gained worldwide interest, the interpretations of the FGAM concept requires greater clarification. The objective of this document is to present a conceptual understanding of FGAM. The current-state of art and capabilities of FGAM technology will be reviewed alongside with its challenging technological obstacles and limitations. Here, data exchange formats and some of the recent application is evaluated, followed with recommendations on possible strategies in overcoming barriers and future directions for FGAM to take off.

Keel: en

Alusdokumendid: ISO/ASTM TR 52912:2020; CEN/TR/ISO/ASTM 52912:2020

EVS-EN IEC 62841-2-6:2020

Elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-6: Erinõuded käeshoitavatele vasaratele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-6: Particular requirements for hand-held hammers

IEC 62841-2-6:2020 Tools covered by this document include percussion hammers and rotary hammers, including rotary hammers with the capability to rotate only with the percussion system disengaged (drill only mode). The rated voltage is not more than 250 V for single-phase a.c. or d.c. tools, and 480 V for three-phase a.c. tools. This document does not apply to drills and impact drills. This document does not apply to tools that are designed exclusively for driving fasteners, such as palm nailers.

Keel: en

Alusdokumendid: EN IEC 62841-2-6:2020; IEC 62841-2-6:2020

Asendab dokumenti: EVS-EN 60745-2-6:2010

EVS-EN IEC 62841-2-6:2020/A11:2020

Elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-6: Erinõuded käeshoitavatele vasaratele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-6: Particular requirements for hand-held hammers

Common modification for EN IEC 62841-2-6:2020

Keel: en

Alusdokumendid: EN IEC 62841-2-6:2020/A11:2020

Muudab dokumenti: EVS-EN IEC 62841-2-6:2020

EVS-EN ISO 14341:2020

Keevitusmaterjalid. Keevitraadid ja keevismetallid legerimata ja peenterateraste kaarkeevituseks kaitsegaasis. Liigitus

Welding consumables - Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels - Classification (ISO 14341:2020)

Selles dokumendis määratletakse nõuded keevitraatide ja keevismetallide liigitamiseks keevitusjärgses seisundis ja keevitusjärgse termotöötuse järgses seisundis legerimata ja peenterateraste, millel on minimaalne voolavuspiir kuni 500 MPa või minimaalne tõmbetugevus kuni 570 MPa, kaarkeevitamisele kaitsegaasis. Üks keevitraat võib olla katsetatud ja liigitatud eri kaitsegaasidega. See dokument sisaldab kombineeritud määratlust, andes liigituse, mis kasutab keevismetalli voolavuspiiril ja keskmisel purustustöö 47 J põhinevat süsteemi või keevismetalli tõmbetugevusel ja keskmisel purustustöö 27 J põhinevat süsteemi. a) Liitega „A“ jaotised ja tabelid on rakendatavad ainult keevitraatidele, mis on vastavuses selle dokumendiga liigitatud keevismetalli voolavuspiiril ja keskmisel löögisitkusel 47 J põhineva süsteemi järgi. b) Liitega „B“ jaotised ja tabelid on rakendatavad ainult keevitraatidele, mis on vastavuses selle dokumendiga liigitatud keevismetalli tõmbetugevusel ja keskmisel löögisitkusel 27 J põhineva süsteemi järgi. c) Ilma liiteta „A“ või „B“ jaotised ja tabelid on rakendatavad kõikidele keevitraatidele, mis on liigitatud selle dokumendi kohaselt.

Keel: en, et

Alusdokumendid: ISO 14341:2020; EN ISO 14341:2020

Asendab dokumenti: EVS-EN ISO 14341:2011

EVS-EN ISO 9453:2020

Soft solder alloys - Chemical compositions and forms (ISO 9453:2020)

This document specifies the requirements for chemical composition for soft solder alloys containing two or more of: tin, lead, antimony, copper, silver, bismuth, zinc, indium and/or cadmium. An indication of the forms generally available is also included.

Keel: en
Alusdokumendid: ISO 9453:2020; EN ISO 9453:2020
Asendab dokumenti: EVS-EN ISO 9453:2014

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN/TS 16214-2:2020

Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 2: Conformity assessment including chain of custody and mass balance

This document specifies a set of rules and procedures as a framework for conformity assessment describing biofuels and bioliquids as the objects of conformity assessment, identifying the applicable specified requirements and providing the methodology for performing conformity assessment. It (this set of rules and procedures) defines requirements for provision by economic operators of the required evidence that biofuels and bioliquids fulfil the sustainability criteria as defined in the Renewable Energy Directive [1] and in Directive 2015/1513 [3]. This document is applicable to the initial biomass production or to the point of collection for waste and residue and to each stage within the chain of custody. It also defines requirements on conformity assessment bodies when checking compliance with the present standard. NOTE 1 This edition of the standard does not cover the requirements in Directive 2018/EU/2001, the recast of the Renewable Energy Directive (referred to as RED II). NOTE 2 An example of supply chain of biofuels and bioliquids to be covered by the chain of custody is given in Figure 1. This supply chain is a simple representation, actual supply chains are typically more complex. Figure 1 - Example of a supply chain of biofuels and bioliquids

Keel: en
Alusdokumendid: CEN/TS 16214-2:2020
Asendab dokumenti: CEN/TS 16214-2:2014

EVS-EN IEC 60904-4:2019/AC:2020

Photovoltaic devices - Part 4: Reference solar devices - Procedures for establishing calibration traceability

Corrigendum for EN IEC 60904-4:2019

Keel: en
Alusdokumendid: IEC 60904-4:2019/COR1:2020; EN IEC 60904-4:2019/AC:2020-10
Parandab dokumenti: EVS-EN IEC 60904-4:2019

29 ELEKTROTEHNIKA

EVS-EN 50546:2020

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud Railway applications - Rolling Stock - Three-phase shore (external) supply system for rail vehicles and its connectors

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

Keel: en
Alusdokumendid: EN 50546:2020
Asendab dokumenti: CLC/TS 50546:2013

EVS-EN 60034-18-42:2017/A1:2020

Rotating electrical machines - Part 18-42: Partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters - Qualification tests

Amendment for EN 60034-18-42:2017

Keel: en
Alusdokumendid: EN 60034-18-42:2017/A1:2020; IEC 60034-18-42:2017/A1:2020
Muudab dokumenti: EVS-EN 60034-18-42:2017

EVS-EN IEC 60120:2020

Ball and socket couplings of string insulator units - Dimensions

IEC 60120:2020 define the dimensions of a series of standard ball and socket couplings using the standard locking devices (see IEC 60372) in order to permit the assembly of insulators or metal fittings supplied by different manufacturers. This document applies to string insulator units of the cap and pin and long rod types and their associated metal fittings. For the pin ball and the socket, dimensions apply to the finished product after any surface treatment. Extreme positions of the pin ball in the socket are given in annex. Typical examples of gauges for checking the dimensions of pin balls and sockets are given in annex.

Keel: en

Alusdokumendid: EN IEC 60120:2020; IEC 60120:2020
Asendab dokumenti: EVS-HD 474 S1:2003

EVS-EN IEC 60372:2020

Locking devices for ball and socket couplings of string insulator units - Dimensions and tests

IEC 60372:2020 is applicable to locking devices used with ball and socket couplings of string insulator units and used with the corresponding metal fittings standardized in IEC 60120, when they are supplied separately. The object of this document is - to define the shapes and some standard dimensions for locking devices, - to define the test methods for locking devices, - to state the acceptance conditions for supply, - to give other dimensions for guidance of manufacturing only. This fourth edition cancels and replaces the third edition published in 1984. This edition includes the following significant technical changes with respect to the previous edition: a. Two new designated size of couplings, 36 and 40, were introduced; b. the relevant content of the 28B W-clip was deleted; c. Annex A is informative, Annex B is normative, Annex C is informative.

Keel: en

Alusdokumendid: EN IEC 60372:2020; IEC 60372:2020
Asendab dokumenti: EVS-EN 60372:2004

EVS-EN IEC 62271-104:2020

High-voltage switchgear and controlgear - Part 104: Alternating current switches for rated voltages higher than 52 kV

IEC 62271-104:2020 is applicable to three-pole alternating current switches for rated voltages higher than 52 kV, having making and breaking current ratings, for indoor and outdoor installations, and for rated frequencies up to and including 60 Hz. This third edition replaces and cancels the second edition published in 2015. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - new numbering, following IEC 62271-1:2017.

Keel: en

Alusdokumendid: EN IEC 62271-104:2020; IEC 62271-104:2020
Asendab dokumenti: EVS-EN 62271-104:2015

31 ELEKTROONIKA

EVS-EN IEC 60749-20:2020

Semiconductor devices - Mechanical and climatic test methods - Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat

IEC 60749-20:2020 provides a means of assessing the resistance to soldering heat of semiconductors packaged as plastic encapsulated surface mount devices (SMDs). This test is destructive. This edition includes the following significant technical changes with respect to the previous edition: - incorporation of a technical corrigendum to IEC 60749-20:2008 (second edition); - inclusion of new Clause 3; - inclusion of explanatory notes.

Keel: en

Alusdokumendid: EN IEC 60749-20:2020; IEC 60749-20:2020
Asendab dokumenti: EVS-EN 60749-20:2009

33 SIDETEHNIKA

EVS-EN 303 340 V1.2.1:2020

Digitaalsed maapealsed TV ringhäälinguvastuvõtjad; Raadiospektrile juurdepääsu harmoneeritud standard

Digital Terrestrial TV Broadcast Receivers; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for digital terrestrial television broadcast receivers fitted with an external antenna input (tuner port) capable of receiving DVB-T and/or DVB-T2 signals. Receivers without external antenna connectors, receivers with diversity, and receivers intended for mobile or automotive reception are not covered by the present document. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A. The present document includes considerations of interference from LTE transmissions in the 700 MHz and 800 MHz bands and DTT transmissions in UHF band IV. The requirements of the installation system (antenna, feeder cable, amplifiers, etc.) are not addressed. Table 1: Broadcast frequency bands Broadcast frequency bands VHF III UHF IV and V There are country specific variations of frequency usage for digital terrestrial television reception and other users such as mobile broadband. The tests in the present document only apply if the DTT broadcast receiver supports the wanted signal configuration used by the test in question. The applicable tests are summarized in annex E, table E.1.

Keel: en

Alusdokumendid: ETSI EN 303 340 V1.2.1

EVS-EN 61850-7-1:2011/A1:2020

Communication networks and systems for power utility automation - Part 7-1: Basic communication structure - Principles and models

Amendment for EN 61850-7-1:2011

Keel: en

Alusdokumendid: EN 61850-7-1:2011/A1:2020; IEC 61850-7-1:2011/A1:2020

EVS-EN IEC 61300-2-56:2020

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-56: Tests - Wind resistance of mounted housing

IEC 61300-2-56:2020 describes the test procedure to test the wind resistance of a protective housing and its mounting hardware using the fastening parts recommended by the manufacturer. The protective housing is considered to have a cuboid shape. The applied force in this test procedure simulates a steady wind load from each direction to a protective housing and its mounting hardware fixed to a support.

Keel: en

Alusdokumendid: EN IEC 61300-2-56:2020; IEC 61300-2-56:2020

35 INFOTEHNOLOOGIA

CEN ISO/TS 19321:2020

Intelligent transport systems - Cooperative ITS - Dictionary of in-vehicle information (IVI) data structures (ISO/TS 19321:2020)

This document specifies the in-vehicle information (IVI) data structures that are required by different intelligent transport system (ITS) services for exchanging information between ITS Stations (ITS-S). A general, extensible data structure is specified, which is split into structures called containers to accommodate current-day information. Transmitted information includes IVI such as contextual speed, road works warnings, vehicle restrictions, lane restrictions, road hazard warnings, location-based services, re-routing. The information in the containers is organized in sub-structures called data frames and data elements, which are described in terms of its content and its syntax. The data structures are specified as communications agnostic. This document does not provide the communication protocols. This document provides scenarios for usage of the data structure, e.g. in case of real time, short-range communications.

Keel: en

Alusdokumendid: ISO/TS 19321:2020; CEN ISO/TS 19321:2020

Asendab dokumenti: CEN ISO/TS 19321:2015

CEN ISO/TS 21176:2020

Cooperative intelligent transport systems (C-ITS) - Position, velocity and time functionality in the ITS station (ISO/TS 21176:2020)

This document specifies a generic position, velocity and time (PVT) service. It further specifies the PVT service within the ITS station (ITS-S) facilities layer (ISO 21217) and its interface to other functionalities in an ITS-S such as: — ITS-S application processes (ITS-S-APs), defined in ISO 21217; — the generic facilities service handler (FSH) functionality of the ITS station facilities layer, defined in ISO/TS 17429. This document specifies: — a PVT service which, dependent on a specific implementation, uses a variety of positioning-related sources such as global navigation satellite systems (GNSSs, e.g. GALILEO, GLONASS and GPS), roadside infrastructure, cellular infrastructure, kinematic state sensors, vision sensors; — a PVT service which merges data from the above-mentioned positioning-related sources and provides the PVT output parameters (carrying the PVT information) including the associated quality (e.g. accuracy); — how the PVT service is integrated as an ITS-S capability of the ITS station facilities layer; — the interface function calls and responses (Service Access Point service primitives) between the PVT ITS-S capability and other functionalities of the ITS station architecture; — optionally, the PVT service as a capability of the ITS-S facilities layer; see ISO 24102-6; — an ASN.1 module C-itsPvt, providing ASN.1 type and value definitions (in Annex A); — an implementation conformance statement proforma (in Annex B), as a basis for assessment of conformity to this document. NOTE It is outside the scope of this document to define the associated conformance evaluation test procedures.

Keel: en

Alusdokumendid: ISO/TS 21176:2020; CEN ISO/TS 21176:2020

CEN ISO/TS 22756:2020

Health Informatics - Requirements for a knowledge base for clinical decision support systems to be used in medication-related processes (ISO/TS 22756:2020)

This document specifies the requirements for developing a knowledge base for drug-related problems that cohere with the intended drug use, to be used in rule-based clinical decision support systems (CDSS), such as the criteria for selecting a raw data source and the quality criteria for the development and maintenance for the rules or clinical rules for drug safety. It also describes the process of how to develop a knowledge base, the topics to be considered by the developers of a knowledge base, and it gives guidance on how to do this. This document gives guidelines for the development of a knowledge base: — with rules to enhance decisions and actions in drug-related problems that cohere with the intended drug use; — which can be used by all kinds of healthcare professionals, such as those who prescribe, dispense, administer or monitor medicines; — which can be used in every care setting, including chronic and acute care, primary and specialized care; — which is a repository of evidence/practice bases rules, assessed by experts; — which is meant to be used in conjunction with a medicinal product dictionary; — whose knowledge is structured in rules and therefore to be used in the type of rule-based CDSS. This document does not: — describe the exact content of a knowledge base i.e. the outcome of the process of developing rules. — provide the requirements for a clinical decision support system, the software that uses the knowledge base combined with the patient's data, and presents the outcome of the rules to the healthcare professional. These requirements are described in ISO/DTS 22703[1]. — give the requirements for non-medication knowledge bases. Some aspects of the requirements in this document are general in nature and applicable to other kinds of knowledge bases, but this document does not address all of the requirements of non-medication knowledge bases. [1] Under preparation. Stage at the time of publication: ISO/DTS 22703.

Keel: en
Alusdokumendid: ISO/TS 22756:2020; CEN ISO/TS 22756:2020

EVS-EN ISO 19650-3:2020

Hoonete ja rajatistega seotud info, sealhulgas ehitusinformatsiooni modelleerimise (BIM) korraldamine ja digitaliseerimine. Infohaldus ehitusinformatsiooni modelleerimise abil. Osa 3: Varade käitamisetapp

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 3: Operational phase of the assets (ISO 19650-3:2020)

See dokument määrab kindlaks nõuded infohaldusele haldusprotsessi vormis varade käitamisetapi ja selles sisalduva infovahetuse kontekstis, kasutades selleks ehitusinformatsiooni modelleerimist. Seda dokumenti saab rakendada igat liiki varadele ning seda saavad teha varade käitamisetapiga seotud igat tüüpi ja suurusega organisatsioonid. Selles dokumendis esitatud nõudeid on võimalik täita kõnealuse organisatsiooni otseste meetmete abil või saab neid delegeerida teisele osalistele.

Keel: en, et
Alusdokumendid: ISO 19650-3:2020; EN ISO 19650-3:2020

EVS-ISO/IEC/IEEE 90003:2020

Tarkvaratehnika. Juhised standardi ISO 9001:2015 rakendamiseks tarkvarale Software engineering - Guidelines for the application of ISO 9001:2015 to computer software (ISO/IEC/IEEE 90003:2018, identical)

ISO 9001:2015 "Kvaliteedijuhtimissüsteemid. Nõuded" käsitusala: See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, selle tüübist, suurusest või tarnitavatest toodetest ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuete. ISO/IEC/IEEE 90003:2020 annab organisatsioonidele juhiseid standardi ISO 9001:2015 rakendamiseks tarkvara ja sellega seotud tugiteenuste hankimisele, tarnimisele, väljatöötamisele, eksploatatsioonile ja hooldusele. Ta ei täienda ega muuda mingil muul viisil standardi ISO 9001:2015 nõudeid. Lisa A esitab tabeli, mis viitab standardi ISO 9001:2015 rakendamise lisajuhistele, mida võib leida ISO/IEC JTC 1/SC 7, ISO/IEC JTC1/SC27 ja ISO/TC 176 rahvusvahelistest standarditest. Selles dokumendis esitatud juhised pole mõeldud kasutamiseks hindamiskriteeriumidena kvaliteedihaldussüsteemi registreerimisel või sertifitseerimisel. Mõni organisatsioon võib siiski pidada vajalikuks selles dokumendis pakutud juhiste rakendamist ja võib olla huvitatud sellest, kas tulemusena saadud kvaliteedihaldussüsteem vastab sellele dokumendile või ei vasta. Sel juhul saab organisatsioon tarkvaravaldkonna kvaliteedihaldussüsteemide hindamiskriteeriumidena kasutada nii seda dokumenti kui ka standardit ISO 9001.

Keel: en, et
Alusdokumendid: ISO/IEC/IEEE 90003:2018
Asendab dokumenti: EVS-ISO/IEC 90003:2016

43 MAANTEESÕIDUKITE EHTUS

CEN ISO/TS 19321:2020

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Keel: en
Alusdokumendid: ISO/TS 19321:2020; CEN ISO/TS 19321:2020
Asendab dokumenti: CEN ISO/TS 19321:2015

EVS-EN ISO 15118-8:2020

Road vehicles - Vehicle to grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2020)

This document specifies the requirements of the physical and data link layer of a wireless High Level Communication (HLC) between Electric Vehicles (EV) and the Electric Vehicle Supply Equipment (EVSE). The wireless communication technology is used as an alternative to the wired communication technology as defined in ISO 15118-3. It covers the overall information exchange between all actors involved in the electrical energy exchange. ISO 15118 (all parts) are applicable for conductive charging as well as Wireless Power Transfer (WPT). For conductive charging, only EVSEs compliant with "IEC 61851-1 modes 3

and 4" and supporting HLC are covered by this document. For WPT, charging sites according to IEC 61980 (all parts) and vehicles according to ISO 19363 are covered by this document.

Keel: en

Alusdokumendid: ISO 15118-8:2020; EN ISO 15118-8:2020

Asendab dokumenti: EVS-EN ISO 15118-8:2019

45 RAUDTEETEHNIKA

EVS-EN 50546:2020

Raudteealased rakendused. Raudteeveerem. Rööbassõidukite kolmefaasilise välise elektritoite süsteem ja selle pistikud

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

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

Keel: en

Alusdokumendid: EN 50546:2020

Asendab dokumenti: CLC/TS 50546:2013

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 6111:2020

Aerospace series - Ethylene-propylene elastomer (EPM/EPDM) - Hardness 80 IRHD for static seal elements in hydraulic systems for long-term application - Material standard

This document defines the requirements of ethylene propylene elastomer (EPM/EPDM) for seal elements for use as static seals in hydraulic systems using phosphate ester fluids, hardness 80 IRHD (International Rubber Hardness Degree) for long term application for aerospace application. Unless otherwise specified in the drawing, order or inspection schedule, this document shall be used in conjunction with the referenced documents. Applicable temperature range: - Continuous service: -55 °C to 107 °C - Intermittent service: -55 °C to 120 °C

Keel: en

Alusdokumendid: EN 6111:2020

EVS-EN 6140:2020

Aerospace series - Plug, protective, non-metallic, for NAS1760 fitting ends and AS33649 boss ports

This document specifies the dimensions, tolerances and required characteristics of protective plugs, non-metallic, for NAS1760 fitting ends and AS33649 boss ports to seal fluid ports during transportation and storage in order to prevent - contamination by moisture, fluids, chemicals and particles, - spillage inside package or aircraft section, - port and pipe end damages and - port and pipe clogging due to plug ingestion. Because of the cleanliness requirements, parts shall only be used once.

Keel: en

Alusdokumendid: EN 6140:2020

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 15009:2020

Aerosol containers - Compartmented aerosol dispensers

This document specifies the relationship between the nominal volume of product and the maximum nominal brimful capacity of the outer container of the compartmented aerosol dispenser.

Keel: en

Alusdokumendid: EN 15009:2020

Asendab dokumenti: EVS-EN 15009:2006

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 3303-1:2020

Rubber- or plastics-coated fabrics - Determination of bursting strength - Part 1: Steel-ball method (ISO 3303-1:2020)

This document specifies a method for the determination of the bursting strength of rubber or plastics coated fabrics, using a mechanically operated steel ball.

Keel: en

Alusdokumendid: ISO 3303-1:2020; EN ISO 3303-1:2020

61 RÕIVATÕÖSTUS

EVS-EN 17394-2:2020

Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of buttons - Test method

This document defines a test method for security of attachment of functional and decorative buttons to clothing including garments such as gloves, hats, scarves, hosiery, ties, and textile belts. This document does not apply to: a) child care articles; b) shoes, boots and similar footwear; c) toys (see NOTE 2); d) other articles sold with clothing. NOTE 1 The above items are covered by other CEN Technical Committees and as such are out of scope of this document. NOTE 2 Disguise costumes including carnival costumes are examples of clothing which are also toys and fall within the scope of the Toy Safety Directive. The scope of this document is limited to sewn-on buttons, toggle buttons and tack buttons. Assessment of other garment components are considered in: - CEN/TS 17394-3, or - CEN/TS 17394-4. Performance requirements are provided in CEN/TS 17394-1.

Keel: en

Alusdokumendid: EN 17394-2:2020

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 660:2020

Animal and vegetable fats and oils - Determination of acid value and acidity (ISO 660:2020)

This document specifies three methods (two titrimetric and one potentiometric) for the determination of acidity in animal and vegetable fats and oils, hereinafter referred to as "fats". The acidity is expressed preferably as acid value or, alternatively, as acidity calculated conventionally. This document is applicable to refined and crude vegetable or animal fats and oils, soap stock fatty acids or technical fatty acids. It does not apply to waxes. Since the methods are completely non-specific, they do not apply to differentiating between mineral acids, free fatty acids and other organic acids. The acid value, therefore, includes any mineral acids that are present. Milk and milk products (or fat coming from milk and milk products) are excluded from the Scope of this document.

Keel: en

Alusdokumendid: ISO 660:2020; EN ISO 660:2020

Asendab dokumenti: EVS-EN ISO 660:2009

71 KEEMILINE TEHNOLOOGIA

EVS-EN ISO 10298:2020

Gas cylinders - Gases and gas mixtures - Determination of toxicity for the selection of cylinder valve outlets (ISO 10298:2018)

ISO 10298:2018 lists the best available acute-toxicity data of gases taken from a search of the current literature to allow the classification of gases and gas mixtures for toxicity by inhalation.

Keel: en

Alusdokumendid: ISO 10298:2018; EN ISO 10298:2020

EVS-EN ISO 13338:2020

Gas cylinders - Gases and gas mixtures - Determination of tissue corrosiveness for the selection of cylinder valve outlets (ISO 13338:2017)

ISO 13338:2017 provides: - for pure gases and some liquids, a complete list indicating their corrosiveness; - for gas mixtures, a calculation method, in the absence of experimental data, relating to the corrosiveness of each of their components; in order to determine the corrosiveness of gases and gas mixtures on tissue so that a suitable outlet connection can be assigned to each of them.

Keel: en

Alusdokumendid: ISO 13338:2017; EN ISO 13338:2020

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 17544:2020

Automotive fuels - Report on studies done on cold soak filter blocking tendency (CS-FBT) on fatty acid methyl ester (FAME) as blend component for diesel fuel, and of diesel fuel containing up to 30 % (V/V) of FAME

This document describes the studies executed to develop a method to analyse the filter blocking tendency after a cold soak step of fatty acid methyl ester (FAME) as a blend component for diesel and of diesel fuel containing up to 30 % (V/V) of FAME, respectively.

Keel: en

Alusdokumendid: CEN/TR 17544:2020

CEN/TS 16214-2:2020

Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 2: Conformity assessment including chain of custody and mass balance

This document specifies a set of rules and procedures as a framework for conformity assessment describing biofuels and bioliquids as the objects of conformity assessment, identifying the applicable specified requirements and providing the methodology for performing conformity assessment. It (this set of rules and procedures) defines requirements for provision by economic operators of the required evidence that biofuels and bioliquids fulfil the sustainability criteria as defined in the Renewable Energy Directive [1] and in Directive 2015/1513 [3]. This document is applicable to the initial biomass production or to the point of collection for waste and residue and to each stage within the chain of custody. It also defines requirements on conformity assessment bodies when checking compliance with the present standard. NOTE 1 This edition of the standard does not cover the requirements in Directive 2018/EU/2001, the recast of the Renewable Energy Directive (referred to as RED II). NOTE 2 An example of supply chain of biofuels and bioliquids to be covered by the chain of custody is given in Figure 1. This supply chain is a simple representation, actual supply chains are typically more complex. Figure 1 - Example of a supply chain of biofuels and bioliquids

Keel: en

Alusdokumendid: CEN/TS 16214-2:2020

Asendab dokumenti: CEN/TS 16214-2:2014

EVS-EN 1474-2:2020

Installation and equipment for liquefied natural gas - Design and testing of marine transfer systems - Part 2: Design and testing of transfer hoses

This European Standard gives general guidelines for the design, material selection, qualification, certification, and testing details for Liquefied Natural Gas (LNG) transfer hoses for offshore transfer or on coastal weather-exposed facilities for aerial, floating and submerged configurations or a combination of these. Whilst this European Standard is applicable to all LNG hoses, it is acknowledged that there may be further specific requirements for floating and submerged hoses. The transfer hoses will be designed to be part of transfer systems (it means that they will be fitted with ERS, QCDC, handling systems, hydraulic and electric components etc.) To avoid unnecessary repetition, cross-references to EN 1474-1 and EN 1474-3, are made for all compatible items, and for references, definitions and abbreviations. Where additional references, definitions and abbreviations are required specifically for LNG hoses, they are listed in this European Standard. Transfer hoses need to be durable when operating in the marine environment and to be flexible with a minimum bending radius compatible with handling and the operating requirements of the transfer system.

Keel: en

Alusdokumendid: EN 1474-2:2020

Asendab dokumenti: EVS-EN 1474-2:2009

EVS-EN ISO 16486-3:2020

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 3: Fittings (ISO 16486-3:2020)

This document specifies the physical and mechanical properties of fittings made from unplasticized polyamide (PA-U) in accordance with ISO 16486- 1, intended to be buried and used for the supply of gaseous fuels. It also specifies the test parameters for the test methods to which it refers. The ISO 16486 series is applicable to PA-U piping systems, the components of which are connected by fusion jointing and/or mechanical jointing. In addition, it lays down dimensional characteristics and requirements for the marking of fittings. In conjunction with the other parts of the ISO 16486 series, this document is applicable to PA-U fittings, their joints, joints with components of PA-U and joints with mechanical fittings of other materials, and to the following fitting types: — fusion fittings (electrofusion fittings and butt fusion fittings), and — transition fittings.

Keel: en

Alusdokumendid: ISO 16486-3:2020; EN ISO 16486-3:2020

EVS-EN ISO 18796-1:2020

Petroleum, petrochemicals and natural gas industries - Internal coating and lining of carbon steel process vessels - Part 1: Technical requirements (ISO 18796-1:2018)

This document specifies the minimum technical requirements for surface preparation, materials, application, inspection and testing of internal coating and lining systems that are intended to be applied on internal surfaces of process vessels that are subject to marked pressure/temperature changes and/or potentially corrosive conditions or processes and aggressive chemicals, used in the oil and gas industry. This document covers both new construction and maintenance works of process vessels as well as the repair of defective and deteriorated coating and lining systems. This document also provides the minimum requirements for the coated and lined samples and the criteria for their approval.

Keel: en

Alusdokumendid: ISO 18796-1:2018; EN ISO 18796-1:2020

EVS-EN 15998:2020**Glass in building - Safety in case of fire, fire resistance - Glass testing methodology for the purpose of classification**

This document specifies the testing methodology to be used for glass products that are claiming fire resistance. The methodology covers type testing as defined in the relevant glass product standard. NOTE This document provides guidance with the declaration of the characteristic, Safety in case of fire – Resistance to fire (for glass for use in a glazed assembly intended specifically for fire resistance) for the CE marking. The same methodology can also be used to determine the performance classification for market applications (see Annex B). The methodology covers all glass product types that may require testing and classification for fire resistance. Fire resistance testing covers end use applications, for example: - doors; - partitions, walls (including curtain walling); - floors, roofs; - ceilings.

Keel: en

Alusdokumendid: EN 15998:2020

Asendab dokumenti: EVS-EN 15998:2010

EVS-EN 993-10:2020**Methods of test for dense shaped refractory products - Part 10: Determination of permanent change in dimensions on heating**

This document specifies three methods for the determination of the permanent change in dimensions on heating of dense shaped refractory products. NOTE The methods can be applied to materials sensitive to oxidation. However, some of these materials can be affected during the test in such a way as to make the measurement of the dimensional changes impossible to carry out to the required accuracy.

Keel: en

Alusdokumendid: EN 993-10:2020

Asendab dokumenti: EVS-EN 993-10:2000

CEN/TS 17045:2020**Materials obtained from end-of-life tyres - Quality criteria for the selection of whole tyres, for recovery and recycling processes**

This document provides criteria for the sorting of whole end-of-life tyres (WELT) into different classes based on categories. It also provides criteria for the determination of their suitability to be used in recycling and material recovery processes. The processes described in this document include sorting WELTs in order to determine their acceptance in recovery and recycling processes. Criteria regarding the reuse of tyres to be mounted again in a vehicle are not addressed in this document. This document does not cover the operational performance of the applications or the requirements of the materials for certain applications, which are usually agreed between the manufacturer and the customer. Solid tyres are excluded from the scope of this document.

Keel: en

Alusdokumendid: CEN/TS 17045:2020

Asendab dokumenti: CEN/TS 17045:2017

CEN/TS 17510:2020**Materials obtained from end-of-life tyres - Determination of the specific surface area of powders - Method based on krypton adsorption**

This document specifies a method for the determination of low specific surface area of powders ELTs rubber by measuring the amount of physically adsorbed krypton gas and applying the theoretical multipoint Brunauer, Emmett and Teller (BET) method. This document defines a specific method for powders taking into account that, in order to obtain an accurate value of specific surface area, a representative sample of the material to be tested is taken according to the principle that every particle of the sample that represents the lot have an equal probability of being included in the sample.

Keel: en

Alusdokumendid: CEN/TS 17510:2020

EVS-EN ISO 16486-3:2020**Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 3: Fittings (ISO 16486-3:2020)**

This document specifies the physical and mechanical properties of fittings made from unplasticized polyamide (PA-U) in accordance with ISO 16486- 1, intended to be buried and used for the supply of gaseous fuels. It also specifies the test parameters for the test methods to which it refers. The ISO 16486 series is applicable to PA-U piping systems, the components of which are connected by fusion jointing and/or mechanical jointing. In addition, it lays down dimensional characteristics and requirements for the marking of fittings. In conjunction with the other parts of the ISO 16486 series, this document is applicable to PA-U fittings, their joints, joints with components of PA-U and joints with mechanical fittings of other materials, and to the following fitting types: — fusion fittings (electrofusion fittings and butt fusion fittings), and — transition fittings.

Keel: en

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

CEN ISO/TR 19402:2020

Paints and varnishes - Adhesion of coatings (ISO/TR 19402:2018)

This document summarises the common methods for evaluating the adhesive strength of coatings on a substrate, which can be another coating beneath or the substrate itself. The test methods and evaluation methods are described in Clauses 4, 5, and 6. In the case of standardized test methods the respective standard is referenced in regard to procedure and evaluation. Annex A compares the methods in the synoptic Tables A.1, A.2, and A.3. Often the adhesive strength cannot be sufficiently evaluated by means of a single method. The purely physical methods for measuring the adhesive strength are such in which mechanical quantities (e.g. force or torsion moment) are measured directly. All other methods are based on the evaluation of behaviour under mechanic stress according to practical conditions. For these methods the viscoelastic properties have a wide influence on the evaluation of the adhesive strength, so that it can only be tested comparatively within one method. Each method has its specific application. An unsuitable method can lead to false information. All of the test methods for the evaluation of the adhesive strength require a certain routine of the test person, especially in regard to identifying the separation line. For most of the test methods the test results, among other things, depend on the film thickness of the coating to be tested. In addition, for several methods differences between tests on a test sheet and in practice can occur, due to different roughness of the substrate. Effects of delamination caused by weathering or corrosion influences are not subject of this document. In case cohesion failures predominantly occur during an adhesive strength test, this is no measure for the adhesive strength. However, information can be given on the protective effect of the coating against corrosion.

Keel: en

Alusdokumendid: ISO/TR 19402:2018; CEN ISO/TR 19402:2020

CEN ISO/TR 21555:2020

Paints and varnishes - Overview of test methods on hardness and wear resistance of coatings (ISO/TR 21555:2019)

This document provides an overview for selecting the most suitable test method regarding the evaluation of the hardness and the wear resistance of coatings. Annex A gives a summarized list of test methods for the evaluation of the hardness and of the wear resistance of coatings for different stresses. Methods for testing cross-linking (wear test in connection with solvents) and abrasion tests with multiple impacts are not covered by this document.

Keel: en

Alusdokumendid: ISO/TR 21555:2019; CEN ISO/TR 21555:2020

EVS-EN ISO 15528:2020

Paints, varnishes and raw materials for paints and varnishes - Sampling (ISO 15528:2020)

This document specifies procedures for the sampling of paints and varnishes, including coating powders, and raw materials used in their manufacture. Such products include liquids and materials which, without undergoing chemical modification, are capable of being liquefied when heated up, and powdered, granulated and pasty materials. Samples can be taken from containers, for example cans, drums, tanks, tank wagons or ships' tanks, as well as from barrels, sacks, big-bags, silos or silo wagons or conveyor belts. This document does not deal with the sample preparation for testing or reduction of the samples thus taken, which is dealt with in ISO 1513.

Keel: en

Alusdokumendid: ISO 15528:2020; EN ISO 15528:2020

Asendab dokumenti: EVS-EN ISO 15528:2013

EVS-EN ISO 2810:2020

Paints and varnishes - Natural weathering of coatings - Exposure and assessment (ISO 2810:2020)

This document specifies the conditions to take into consideration when selecting the type of natural weathering and the natural weathering procedure to determine the resistance of coatings or coating systems (direct weathering or weathering behind window glass). Natural weathering is used to determine the resistance of coatings or coating systems (denoted in this document by coatings) to the sun's radiation and the atmosphere. This document does not take into account special atmospheric influences, e.g. industrial pollution.

Keel: en

Alusdokumendid: ISO 2810:2020; EN ISO 2810:2020

Asendab dokumenti: EVS-EN ISO 2810:2004

91 EHITUSMATERJALID JA EHITUS

EVS 875-11:2020

Vara hindamine. Osa 11: Võrdlusmeetod

Property valuation - Part 11: Sales Comparison Approach

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutamisel on vara hindamise ja hinnangute kasutamise seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvara-, ehitus- ja keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiuasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise

ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb võrdlusmeetodi kasutamise eesmäärke ja võimalusi, sh kvantitatiivse ja kvalitatiivse kohandamise ning statistilisi võtteid.

Keel: et

Asendab dokumenti: EVS 875-11:2014

EVS-EN 1996-1-1:2005+A1:2012+NA:2013/AC2:2020

Eurokoodeks 6: Kivikonstruktsioonide projekteerimine. Osa 1-1: Üldreeglid sarrustatud ja sarrustamata kivikonstruktsioonide projekteerimiseks

Eurocode 6 - Design of masonry structures - Part 1-1: General rules for reinforced and unreinforced masonry structures

Standardi EVS-EN 1996-1-1:2005+A1:2012+NA:2013 parandus

Keel: et

Parandab dokumenti: EVS-EN 1996-1-1:2005+A1:2012+NA:2013

EVS-EN ISO 10848-5:2020

Acoustics - Laboratory and field measurement of the flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 5: Radiation efficiencies of building elements (ISO 10848-5:2020)

This document specifies measurement methods to characterize in the laboratory the acoustic radiation of a building element when it is directly excited by an airborne or structure-borne source. It is applicable to single-leaf and double-leaf elements (see ISO 12354-1:2017 Annex F, F2). The measured quantity can be used as input data for prediction methods, such as ISO 12354-1 and ISO 12354-2, to compare products, or to express a requirement.

Keel: en

Alusdokumendid: ISO 10848-5:2020; EN ISO 10848-5:2020

EVS-EN ISO 19650-3:2020

Hoonete ja rajatistega seotud info, sealhulgas ehitusinformatsiooni modelleerimise (BIM) korraldamine ja digitaliseerimine. Infohaldus ehitusinformatsiooni modelleerimise abil. Osa 3: Varade käitamisetapp

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 3: Operational phase of the assets (ISO 19650-3:2020)

See dokument määrab kindlaks nõuded infohaldusele haldusprotsessi vormis varade käitamisetapi ja selles sisalduva infovahetuse kontekstis, kasutades selleks ehitusinformatsiooni modelleerimist. Seda dokumenti saab rakendada igat liiki varadele ning seda saavad teha varade käitamisetapiga seotud igat tüüpi ja suurusega organisatsioonid. Selles dokumendis esitatud nõudeid on võimalik täita kõnealuse organisatsiooni otseste meetmete abil või saab neid delegeerida teisele osalistele.

Keel: en, et

Alusdokumendid: ISO 19650-3:2020; EN ISO 19650-3:2020

EVS-EN ISO 9053-2:2020

Acoustics - Determination of airflow resistance - Part 2: Alternating airflow method (ISO 9053-2:2020)

This document specifies an alternating airflow method for the determination of the airflow resistance[5], [6] of porous materials for acoustical applications. Determination of the airflow resistance based on static flow is described in ISO 9053- 1.

Keel: en

Alusdokumendid: ISO 9053-2:2020; EN ISO 9053-2:2020

93 RAJATISED

EVS 875-11:2020

Vara hindamine. Osa 11: Võrdlusmeetod Property valuation - Part 11: Sales Comparison Approach

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamisega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvara-, ehitus- ja keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiuasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb võrdlusmeetodi kasutamise eesmäärke ja võimalusi, sh kvantitatiivse ja kvalitatiivse kohandamise ning statistilisi võtteid.

Keel: et

Asendab dokumenti: EVS 875-11:2014

EVS-EN 17282:2020

Railway applications - Infrastructure - Under ballast mats

This document is applicable to under ballast mats used in ballasted track and defines the test procedures and their evaluation criteria. This document provides particular information in the following areas: - test methods, test arrangements and evaluation criteria of under ballast mats; - data supplied by the purchaser and by the supplier; - definition of general process of design approval tests; - definition of routine tests. This document defines the specific test procedures for under ballast mats: - stiffness tests; - fatigue tests; - tests for severe environmental conditions. This document also sets out procedures for testing fitness for purpose and provides information on quality monitoring as part of quality assurance procedures. This document does not, however, contain requirements pertaining to the functions of under ballast mats. It is the responsibility of the purchaser to define these requirements and to choose the optional tests.

Keel: en

Alusdokumendid: EN 17282:2020

EVS-EN ISO 19650-3:2020

Hoonete ja rajatistega seotud info, sealhulgas ehitusinformatsiooni modelleerimise (BIM) korraldamine ja digitaliseerimine. Infohaldus ehitusinformatsiooni modelleerimise abil. Osa 3: Varade käitamisetape

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 3: Operational phase of the assets (ISO 19650-3:2020)

See dokument määrab kindlaks nõuded infohaldusele haldusprotsessi vormis varade käitamisetape ja selles sisalduva infovahetuse kontekstis, kasutades selleks ehitusinformatsiooni modelleerimist. Seda dokumenti saab rakendada igat liiki varadele ning seda saavad teha varade käitamisetapega seotud igat tüüpi ja suurusega organisatsioonid. Selles dokumendis esitatud nõudeid on võimalik täita kõnealuse organisatsiooni otseste meetmete abil või saab neid delegeerida teisele osalistele.

Keel: en, et

Alusdokumendid: ISO 19650-3:2020; EN ISO 19650-3:2020

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1081:2018+A1:2020

Resilient, laminate and modular multilayer floor coverings - Determination of the electrical resistance

This document specifies test methods for determining: a) the vertical resistance, b) the resistance to earth, c) the surface resistance of a resilient, laminate and modular multilayer floor covering after installation in test piece or after installation.

Keel: en

Alusdokumendid: EN 1081:2018+A1:2020

Asendab dokumenti: EVS-EN 1081:2018

EVS-EN 17394-2:2020

Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of buttons - Test method

This document defines a test method for security of attachment of functional and decorative buttons to clothing including garments such as gloves, hats, scarves, hosiery, ties, and textile belts. This document does not apply to: a) child care articles; b) shoes, boots and similar footwear; c) toys (see NOTE 2); d) other articles sold with clothing. NOTE 1 The above items are covered by other CEN Technical Committees and as such are out of scope of this document. NOTE 2 Disguise costumes including carnival costumes are examples of clothing which are also toys and fall within the scope of the Toy Safety Directive. The scope of this document is limited to sewn-on buttons, toggle buttons and tack buttons. Assessment of other garment components are considered in: - CEN/TS 17394-3, or - CEN/TS 17394-4. Performance requirements are provided in CEN/TS 17394-1.

Keel: en

Alusdokumendid: EN 17394-2:2020

EVS-EN 60335-2-27:2014/A1:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009/A1:2012, modified)

Standardi EN 60335-2-27:2013 muudatus

Keel: en, et

Alusdokumendid: IEC 60335-2-27:2009/A1:2012; EN 60335-2-27:2013/A1:2020

Muudab dokumenti: EVS-EN 60335-2-27:2014

EVS-EN 60335-2-27:2014/A2:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure optical radiation (IEC 60335-2-27:2009/A2:2015, modified)

Standardi EN 60335-2-27:2013 muudatus

Keel: en, et

Alusdokumendid: IEC 60335-2-27:2009/A2:2015; EN 60335-2-27:2013/A2:2020

Muudab dokumenti: EVS-EN 60335-2-27:2014

EVS-EN 60335-2-27:2014+A1+A2:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009, modified + IEC 60335-2-27:2009/A1:2012, modified + IEC 60335-2-27:2009/A2:2015, modified)

Osa 1 peatükk „Käsitlusala“ on asendatud alljärgneva. See rahvusvaheline standard käsitleb elektriseadmete ohutust, kui need sisaldavad optilisel kiirgusel (lainepikkusega 100 nm kuni 1 mm) põhinevaid naha kiiritamiseks kasutatavaid kiirgureid ja on ette nähtud kasutamiseks majapidamis- või muudes taolistes paikades, kusjuures seadmete tunnuspinge on ühefaasiliste seadmete puhul kuni 250 V ja muude seadmete puhul kuni 480 V. Selle standardi käsitlusalasse kuuluvad ka seadmed, mis ei ole ette nähtud normaalseks olmeliseks kasutamiseks, kuid mis sellegipärast võivad inimesi ohustada, nt seadmed, mis on ette nähtud kasutamiseks päevitus- ja ilusalongides või muudes taolistes ettevõtetes. See standard käsitleb tegelikult võimalikul määral sellistest seadmetest tulenevaid tavalisi ohtusid, millega puutuvad kokku inimesed, kes kasutavad seadmeid päevitus- ja ilusalongides ja muudes taolistes ettevõtetes või kodus. Üldiselt ei arvesta see aga — seadmega mängivaid lapsi, — seadme kasutamist laste poolt. On tõdetud, et väga kaitsetutel isikutel võib olla erivajadusi üle selles standardis käsitletud tasemete. MÄRKUS 101 Tuleb pöörata tähelepanu asjaolule, et — seadmete kohta, mis on ette nähtud kasutamiseks sõidukites, laevadel või lennukites, võib vaja olla rakendada lisanõudeid; — mitmetes maades on riiklikud tervishoiu-, töökaitse- ja muud taolised ametkonnad kehtestanud lisanõudeid; — mõistlikul viisil saab rakendada standardit IEC 60598-1. MÄRKUS 102 Seda standardit ei rakendata — naha- või juuksehooldusseadmete kohta (IEC 60335-2-23); — sauna kuumusseadmete ja infrapunakabiinide kohta (IEC 60335-2-53); — lasereid ja intensiivvalgusallikaid sisaldavate kosmeetika- ja iluhoideseadmete kohta (IEC 60335-2-113)4; — meditsiinotstarbeliste seadmete kohta (IEC 60601); — seadmete kohta, mis kasutavad ultraviolettkiirgust muul otstarbel kui naha päevitamiseks; — seadmete kohta, mis on ette nähtud kasutamiseks paikades, kus ülekaalus on eriolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aur või gaas).

Keel: en, et

Alusdokumendid: EN 60335-2-27:2013; IEC 60335-2-27:2009; EN 60335-2-27:2013/A1:2020; IEC 60335-2-27:2009/A1:2012;

EN 60335-2-27:2013/A2:2020; IEC 60335-2-27:2009/A2:2015

Konsolideerib dokumenti: EVS-EN 60335-2-27:2014

Konsolideerib dokumenti: EVS-EN 60335-2-27:2014/A1:2020

Konsolideerib dokumenti: EVS-EN 60335-2-27:2014/A2:2020

EVS-EN 60335-2-30:2010+A11+A1+A12:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele

Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

This clause of Part 1 is replaced by the following. This European Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also deals with the safety of electric heaters intended for the heating of driver and passenger compartments of motor vehicles when they are stationary, their rated voltage being not more than 250 V. NOTE Z101 Examples of appliances that are within the scope of this standard are – convector heaters; – fan heaters; – heaters for use in greenhouses; – liquid-filled radiators; – panel heaters; – radiant heaters; – tubular heaters; – ceiling mounted heat lamp appliances. – cab heaters; For extraction fans of ceiling mounted heat lamp appliances, EN 60335-2-80 is applicable as far as is reasonable. Appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this standard. NOTE Z102 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: – in shops and other similar working environments; – in farm houses; – by clients in hotels, motels and other residential type environments; – in bed and breakfast type environments. NOTE Z103 Household environments include the dwelling and its associated buildings, the garden, etc. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: • children playing with the appliance; • the use of the appliance by very young children; • the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this European Standard. NOTE Z104 Attention is drawn to the fact that – for appliances intended to be used in moving vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities; – for appliances intended to be used in the presence of combustible dust, for example in barns or stables, additional requirements may be necessary. NOTE Z105 This European Standard does not apply to – appliances intended exclusively for industrial purposes; – appliances intended to be used where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – heaters that are built into air conditioners (EN 60335-2-40); – clothes dryers and towel rails (EN 60335-2-43); – heaters for saunas (EN 60335-2-53); – thermal-storage room heaters (EN 60335-2-61); – heating appliances for breeding and rearing animals (EN 60335-

2-71); – foot warmers and heating mats (EN 60335-2-81); – flexible sheet heating elements for room heating (EN 60335-2-96); – heated carpets; – central heating systems; – heating cables (IEC 60800). – heaters intended for the heating of caravans.

Keel: en

Alusdokumendid: IEC 60335-2-30:2009; EN 60335-2-30:2009; EN 60335-2-30:2009/Corr:2010; EN 60335-2-30:2009/A11:2012; EN 60335-2-30:2009/AC:2014; IEC 60335-2-30:2009/A1:2016; EN 60335-2-30:2009/A1:2020; EN 60335-2-30:2009/A12:2020

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A1:2020

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A11:2012

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A12:2020

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2010

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2015

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020

EVS-EN ISO 17730:2020

Dentistry - Fluoride varnishes (ISO 17730:2020)

This document specifies requirements and test methods for total digestible fluoride content and a minimum soluble fluoride release potential in dental varnishes containing fluoride, intended for use in the oral cavity directly on the outer surfaces of teeth and fillings. It also specifies packaging and labelling requirements, including the instructions for use. This document covers fluoride varnishes to be applied by dental health care workers.

Keel: en

Alusdokumendid: ISO 17730:2020; EN ISO 17730:2020

Asendab dokumenti: EVS-EN ISO 17730:2014

EVS-EN ISO 20326:2018/A1:2020

Resilient floor coverings - Specification for floor panels/assembly for loose laying - Amendment 1: Requirements depending on the substrate (ISO 20326:2016/Amd 1:2020)

Amendment for EN ISO 20326:2018

Keel: en

Alusdokumendid: ISO 20326:2016/Amd 1:2020; EN ISO 20326:2018/A1:2020

Muudab dokumenti: EVS-EN ISO 20326:2018

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 3166-1:2014

Maade ja nende jaotiste nimetuste tähised. Osa 1: Maatähised
Codes for the representation of names of countries and their subdivisions - Part 1: Country codes (ISO 3166-1:2013)

Keel: et-en

Alusdokumendid: ISO 3166-1:2013; EN ISO 3166-1:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 3166-1:2020

Standardi staatus: Kehtetu

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

EVS 875-11:2014

Vara hindamine. Osa 11: Võrdlusmeetod
Property valuation - Part 11: Sales Comparison Approach

Keel: et

Asendatud järgmise dokumendiga: EVS 875-11:2020

Standardi staatus: Kehtetu

EVS-ISO/IEC 90003:2016

Tarkvaratehnika. Juhised ISO 9001:2008 rakendamiseks tarkvarale
Software engineering - Guidelines for the application of ISO 9001:2008 to computer software

Keel: en, et

Alusdokumendid: ISO/IEC 90003:2014

Asendatud järgmise dokumendiga: EVS-ISO/IEC/IEEE 90003:2020

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 60601-2-20:2009

Elektrilised meditsiiniseadmed. Osa 2-20: Erinõuded imikute transpordi inkubaatorite esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-20: Particular requirements for basic safety and essential performance of transport incubators

Keel: en

Alusdokumendid: IEC 60601-2-20:2009; EN 60601-2-20:2009

Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-20:2020

Muudetud järgmise dokumendiga: EVS-EN 60601-2-20:2009/A1:2016

Muudetud järgmise dokumendiga: EVS-EN 60601-2-20:2009/A11:2011

Standardi staatus: Kehtetu

EVS-EN 60601-2-20:2009/A1:2016

Elektrilised meditsiiniseadmed. Osa 2-20: Erinõuded imikute transpordi inkubaatorite esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators

Keel: en

Alusdokumendid: IEC 60601-2-20:2009/A1:2016; EN 60601-2-20:2009/A1:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-20:2020

Standardi staatus: Kehtetu

EVS-EN 60601-2-20:2009/A11:2011

Elektrilised meditsiiniseadmed. Osa 2-20: Erinõuded imikute transpordi inkubaatorite esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators

Keel: en

Alusdokumendid: EN 60601-2-20:2009/A11:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-20:2020
Standardi staatus: Kehtetu

EVS-EN ISO 11979-5:2006

Ophthalmic implants - Intraocular lenses - Part 5: Biocompatibility

Keel: en
Alusdokumendid: ISO 11979-5:2006; EN ISO 11979-5:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 11979-5:2020
Standardi staatus: Kehtetu

EVS-EN ISO 25539-2:2012

Kardio-vaskulaarsed implantaadid. Veresoonesised vahendid. Osa 2: Stendid veresoontele Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (ISO 25539-2:2012)

Keel: en
Alusdokumendid: ISO 25539-2:2012; EN ISO 25539-2:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 25539-2:2020
Standardi staatus: Kehtetu

EVS-EN ISO 8836:2014

Hingamisteedes kasutatavad aspiratsioonikateetrid Suction catheters for use in the respiratory tract (ISO 8836:2014)

Keel: en
Alusdokumendid: ISO 8836:2014; EN ISO 8836:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 8836:2020
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 17045:2017

Materials obtained from end of life tyres - Quality criteria for the selection of whole tyres, for recovery and recycling processes

Keel: en
Alusdokumendid: CEN/TS 17045:2017
Asendatud järgmise dokumendiga: CEN/TS 17045:2020
Standardi staatus: Kehtetu

EVS-EN 15004-2:2008

Paiksed tulekustutussüsteemid. Gaaskustutussüsteemid. Osa 2: Füüsilised omadused ja gaaskustutussüsteemide projekteerimine kustutusgaasile FK-5-1-12 Fixed firefighting systems - Gas extinguishing systems - Part 2: Physical properties and system design of gas extinguishing systems for FK-5-1-12 extinguishant (ISO 14520-5:2006, modified)

Keel: en
Alusdokumendid: ISO 14520-5:2006; EN 15004-2:2008
Asendatud järgmise dokumendiga: EVS-EN 15004-2:2020
Standardi staatus: Kehtetu

EVS-EN 15004-4:2008

Statsionaarsed tulekustutussüsteemid. Gaaskustutussüsteemid. Osa 4: Füüsilised omadused ja gaaskustutussüsteemide projekteerimine kustutusgaasi HFC 125 jaoks Fixed firefighting systems - Gas extinguishing systems - Part 4: Physical properties and system design of gas extinguishing systems for HFC 125 extinguishant (ISO 14520-8:2006, modified)

Keel: en, et
Alusdokumendid: ISO 14520-8:2006; EN 15004-4:2008
Asendatud järgmise dokumendiga: EVS-EN 15004-4:2020
Standardi staatus: Kehtetu

EVS-EN 15004-5:2008

Statsionaarsed tulekustutussüsteemid. Gaaskustutussüsteemid. Osa 5: Füüsilised omadused ja gaaskustutussüsteemide projekteerimine kustutusgaasi HFC 227ea jaoks

Fixed firefighting systems - Gas extinguishing systems - Part 5: Physical properties and system design of gas extinguishing systems for HFC 227ea extinguishant (ISO 14520-9:2006, modified)

Keel: en, et
Alusdokumendid: ISO 14520-9:2006; EN 15004-5:2008
Asendatud järgmise dokumendiga: EVS-EN 15004-5:2020
Standardi staatus: Kehtetu

EVS-EN 15004-6:2008

Statsionaarsed tulekustutussüsteemid. Gaaskustutussüsteemid. Osa 6: Füüsilised omadused ja gaaskustutussüsteemide projekteerimine kustutusgaasi HFC 23 jaoks
Fixed firefighting systems - Gas extinguishing systems - Part 6: Physical properties and system design of gas extinguishing systems for HFC 23 extinguishant (ISO 14520-10:2005, modified)

Keel: en, et
Alusdokumendid: ISO 14520-10:2005; EN 15004-6:2008
Asendatud järgmise dokumendiga: EVS-EN 15004-6:2020
Standardi staatus: Kehtetu

EVS-EN 15998:2010

Ehitusklaas. Tuleohutus - tulepüsivus. Klassifitseerimise eesmärgil kasutatav katsetusmeetod
Glass in building - Safety in case of fire, fire resistance - Glass testing methodology for the purpose of classification

Keel: en
Alusdokumendid: EN 15998:2010
Asendatud järgmise dokumendiga: EVS-EN 15998:2020
Standardi staatus: Kehtetu

EVS-EN ISO 4126-3:2006

Kaitseadmed kaitseks ülemäärase surve eest. Osa 3: Kaitseklappide ja puruneva membraaniga ohutusseadiste kasutamine kombinatsioonis
Safety devices for protection against excessive pressure - Part 3: Safety valves and bursting disc safety devices in combination

Keel: en
Alusdokumendid: ISO 4126-3:2006; EN ISO 4126-3:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 4126-3:2020
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 12668-1:2010

Non-destructive testing - Characterization and verification of ultrasonic examination equipment - Part 1: Instruments

Keel: en
Alusdokumendid: EN 12668-1:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 22232-1:2020
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOGIA

EVS-EN 60745-2-6:2010

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-6: Erinõuded haamritele
Hand-held motor-operated electric tools - Safety - Part 2-6: Particular requirements for hammers

Keel: en
Alusdokumendid: IEC 60745-2-6:2003+A1:2006+A2:2008; EN 60745-2-6:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-2-6:2020
Standardi staatus: Kehtetu

EVS-EN ISO 14341:2011

Keevitusematerjalid. Keevitustraadid ja keevismetallid legeerimata ja peenterasteraste kaarkeevituseks kaitsegaasis. Liigitus

Welding consumables - Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels - Classification (ISO 14341:2010)

Keel: en, et
Alusdokumendid: ISO 14341:2010; EN ISO 14341:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 14341:2020
Standardi staatus: Kehtetu

EVS-EN ISO 9453:2014

Soft solder alloys - Chemical compositions and forms (ISO 9453:2014)

Keel: en
Alusdokumendid: ISO 9453:2014; EN ISO 9453:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 9453:2020
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN/TS 16214-2:2014

Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 2: Conformity assessment including chain of custody and mass balance

Keel: en
Alusdokumendid: CEN/TS 16214-2:2014
Asendatud järgmise dokumendiga: CEN/TS 16214-2:2020
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

CLC/TS 50546:2013

Railway applications - Rolling stock - 3-phase shore (external) supply system for rail vehicles

Keel: en
Alusdokumendid: CLC/TS 50546:2013
Asendatud järgmise dokumendiga: EVS-EN 50546:2020
Standardi staatus: Kehtetu

EVS-EN 60372:2004

Locking devices for ball and socket couplings of string insulator units - Dimensions and tests

Keel: en
Alusdokumendid: IEC 60372:1984 + A1:1991 + A2:2003; EN 60372:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 60372:2020
Standardi staatus: Kehtetu

EVS-EN 62271-104:2015

High-voltage switchgear and controlgear - Part 104: Alternating current switches for rated voltages higher than 52 kV

Keel: en
Alusdokumendid: EN 62271-104:2015; IEC 62271-104:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62271-104:2020
Standardi staatus: Kehtetu

EVS-HD 474 S1:2003

Dimensions of ball and socket couplings of string insulator units

Keel: en
Alusdokumendid: IEC 60120:1984; HD 474 S1:1986
Asendatud järgmise dokumendiga: EVS-EN IEC 60120:2020
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60749-20:2009

Semiconductor devices - Mechanical and climatic test methods - Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat

Keel: en
Alusdokumendid: IEC 60749-20:2009; EN 60749-20:2009

Asendatud järgmise dokumendiga: EVS-EN IEC 60749-20:2020
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN ISO/TS 19321:2015

Intelligent transport systems - Cooperative ITS - Dictionary of in-vehicle information (IVI) data structure (ISO/TS 19321:2015)

Keel: en
Alusdokumendid: ISO/TS 19321:2015; CEN ISO/TS 19321:2015
Asendatud järgmise dokumendiga: CEN ISO/TS 19321:2020
Standardi staatus: Kehtetu

EVS-ISO/IEC 90003:2016

Tarkvaratehnika. Juhised ISO 9001:2008 rakendamiseks tarkvarale Software engineering - Guidelines for the application of ISO 9001:2008 to computer software

Keel: en, et
Alusdokumendid: ISO/IEC 90003:2014
Asendatud järgmise dokumendiga: EVS-ISO/IEC/IEEE 90003:2020
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

CEN ISO/TS 19321:2015

Intelligent transport systems - Cooperative ITS - Dictionary of in-vehicle information (IVI) data structure (ISO/TS 19321:2015)

Keel: en
Alusdokumendid: ISO/TS 19321:2015; CEN ISO/TS 19321:2015
Asendatud järgmise dokumendiga: CEN ISO/TS 19321:2020
Standardi staatus: Kehtetu

EVS-EN 61851-21:2002

Elektrisõidukite juhtivuslik laadimissüsteem. Osa 21: Elektrisõidukite nõuded juhtivuslikule ühendusele vahelduv- või alalisvoolutoitega Electric vehicle conductive charging system - Part 21: Electric vehicle requirements for conductive connection to an a.c/d.c. supply

Keel: en
Alusdokumendid: IEC 61851-21:2001; EN 61851-21:2002
Asendatud järgmise dokumendiga: prEN 61851-21-2:2016
Osaliselt asendatud järgmise dokumendiga: EVS-EN 61851-21-1:2017
Standardi staatus: Kehtetu

EVS-EN 61851-22:2002

Elektrisõidukite juhtivuslik laadimissüsteem. Osa 22: Elektrisõidukite vahelduvvoolu-laadimisjaam Electric vehicle conductive charging system - Part 22: AC electric vehicle charging station

Keel: en
Alusdokumendid: IEC 61851-22:2001; EN 61851-22:2002
Standardi staatus: Kehtetu

EVS-EN ISO 15118-8:2019

Road vehicles - Vehicle to grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2018)

Keel: en
Alusdokumendid: ISO 15118-8:2018; EN ISO 15118-8:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 15118-8:2020
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 15009:2006

Aerosol containers - Compartmented aerosol containers

Keel: en

Alusdokumendid: EN 15009:2006
Asendatud järgmise dokumendiga: EVS-EN 15009:2020
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 660:2009

Animal and vegetable fats and oils - Determination of acid value and acidity

Keel: en
Alusdokumendid: ISO 660:2009; EN ISO 660:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 660:2020
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TS 16214-2:2014

Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 2: Conformity assessment including chain of custody and mass balance

Keel: en
Alusdokumendid: CEN/TS 16214-2:2014
Asendatud järgmise dokumendiga: CEN/TS 16214-2:2020
Standardi staatus: Kehtetu

EVS-EN 1474-2:2009

Installation and equipment for liquefied natural gas - Design and testing of marine transfer systems - Part 2: Design and testing of transfer hoses

Keel: en
Alusdokumendid: EN 1474-2:2008
Asendatud järgmise dokumendiga: EVS-EN 1474-2:2020
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 15998:2010

Ehitusklaas. Tuleohutus - tulepüsivus. Klassifitseerimise eesmärgil kasutatav katsetusmeetod Glass in building - Safety in case of fire, fire resistance - Glass testing methodology for the purpose of classification

Keel: en
Alusdokumendid: EN 15998:2010
Asendatud järgmise dokumendiga: EVS-EN 15998:2020
Standardi staatus: Kehtetu

EVS-EN 993-10:2000

Tihedate tulekindlate profiiltoodete katsemeetodid. Osa 10: Kuumenemisel tekkiva jäävdeformatsiooni määramine Methods of test for dense shaped refractory products - Part 10: Determination of permanent change in dimensions on heating

Keel: en
Alusdokumendid: EN 993-10:1997
Asendatud järgmise dokumendiga: EVS-EN 993-10:2020
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

CEN/TS 17045:2017

Materials obtained from end of life tyres - Quality criteria for the selection of whole tyres, for recovery and recycling processes

Keel: en
Alusdokumendid: CEN/TS 17045:2017
Asendatud järgmise dokumendiga: CEN/TS 17045:2020
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 15528:2013

Paints, varnishes and raw materials for paints and varnishes - Sampling (ISO 15528:2013)

Keel: en

Alusdokumendid: ISO 15528:2013; EN ISO 15528:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 15528:2020

Standardi staatus: Kehtetu

EVS-EN ISO 2810:2004

Paints and varnishes - Natural weathering of coatings - Exposure and assessment

Keel: en

Alusdokumendid: ISO 2810:2004; EN ISO 2810:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 2810:2020

Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS 875-11:2014

Vara hindamine. Osa 11: Võrdlusmeetod

Property valuation - Part 11: Sales Comparison Approach

Keel: et

Asendatud järgmise dokumendiga: EVS 875-11:2020

Standardi staatus: Kehtetu

93 RAJATISED

EVS 875-11:2014

Vara hindamine. Osa 11: Võrdlusmeetod

Property valuation - Part 11: Sales Comparison Approach

Keel: et

Asendatud järgmise dokumendiga: EVS 875-11:2020

Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1081:2018

Resilient, laminate and modular multilayer floor coverings - Determination of the electrical resistance

Keel: en

Alusdokumendid: EN 1081:2018

Asendatud järgmise dokumendiga: EVS-EN 1081:2018+A1:2020

Standardi staatus: Kehtetu

EVS-EN ISO 17730:2014

Dentistry - Fluoride varnishes (ISO 17730:2014)

Keel: en

Alusdokumendid: ISO 17730:2014; EN ISO 17730:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 17730:2020

Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

Iga arvamusküsitlusele oleva kavandi kohta on esitatud alljärgnev informatsioon:

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

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN IEC 60757:2020

Code for designation of colours

This International Standard specifies letter codes for designation of colours and provides rules for their combination to designate colour combinations. The letter codes are intended to be applied in the technical documentation of industrial installations, equipment and products, and in markings of equipment and products. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. It is not intended for use by manufacturers or certification bodies. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements of this basic safety publication will not apply unless specifically referred to or included in the relevant publications. This International Standard does not specify any requirements for the encoding of colour properties, nor for their visual representation. Such requirements are under the responsibility of the different technical committees.

Keel: en

Alusdokumendid: IEC 60757:202X; prEN IEC 60757:2020

Asendab dokumenti: EVS-HD 457 S1:2003

Arvamusküsitluse lõppkuupäev: 13.12.2020

11 TERVISEHOOLDUS

prEN ISO 11138-8

Sterilization of health care products - Biological indicators - Part 8: Method for validation of a reduced incubation time for a biological indicator (ISO/DIS 11138-8:2020)

1.1 This document specifies the requirements for a test method to be utilized to establish or confirm a reduced incubation time (RIT) that is shorter than the 7 day reference incubation time specified in 7.3.22 of ISO 11138-1:2017 for biological indicators used to monitor moist heat sterilization processes or ethylene oxide (EO) sterilization processes. 1.2 This document is applicable to manufacturers of biological indicators and to end users of biological indicators who intend to, if required by their quality system, establish, validate or confirm an RIT. 1.3 This document is not applicable to biological indicators used to monitor dry heat, low temperature steam formaldehyde (LTSF) or vaporized hydrogen peroxide (VH₂O₂) sterilization processes. NOTE 1 The method described in this document to establish an RIT for biological indicators used to monitor moist heat or EO sterilization processes has been used extensively for many years. However, there is limited experience in use of this method to establish an RIT for biological indicators used to monitor dry heat, low temperature steam formaldehyde or vaporized hydrogen peroxide sterilization processes. This document, therefore, does not include these sterilization processes. NOTE 2 For EO as a sterilizing agent, the stated RIT will be applicable for any EO cycle type, i.e. 100% EO, EO blends, etc.

Keel: en

Alusdokumendid: ISO/DIS 11138-8; prEN ISO 11138-8

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN ISO 15253

Ophthalmic optics and instruments - Optical and electro-optical devices for enhancing low vision (ISO/DIS 15253:2020)

This document applies to optical and electro-optical devices specified by the manufacturer for use by visually impaired persons as low vision aids. This document contains requirements and test methods for optical and electro-optical devices specified by the manufacturer for use by visually impaired persons as low vision devices. Implanted low vision devices are excluded.

Keel: en

Alusdokumendid: prEN ISO 15253; ISO/DIS 15253:2020

Asendab dokumenti: EVS-EN ISO 15253:2001

Asendab dokumenti: EVS-EN ISO 15254:2009

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN ISO 80601-2-90

Medical electrical equipment - Part 2-90: Particular requirements for basic safety and essential performance of ventilatory high-flow therapy equipment (ISO/DIS 80601-2-90:2020)

This document applies to the basic safety and essential performance of ventilatory high-flow therapy equipment, as defined in 201.3.204, hereafter also referred to as ME equipment, in combination with its accessories: - intended for use in the home healthcare environment; - intended for use in professional healthcare facilities; - intended for use by a lay operator or a healthcare professional operator; - intended for use with patients who can breathe spontaneously; - intended for patients who would benefit from improved alveolar gas exchange; and who would benefit from receiving high-flow humidified respiratory gases, including a patient whose upper airway is bypassed; and EXAMPLE 1 Patients with Type 1 Respiratory Failure, which exhibits a reduction in arterial blood oxygenation or patients who would benefit from reduced work of breathing, as needed in Type 2 Respiratory Failure, where arterial carbon dioxide is high. - not intended for patients who are dependent on artificial ventilation for their life support. NOTE 1 In the home healthcare environment, the supply mains is often not reliable. Ventilatory high-flow therapy equipment is typically composed of four parts: 1) gas sources, - air, and - if needed, oxygen; NOTE 2 Gas sources include medical gas pipeline systems, gas cylinders, oxygen concentrators and ambient air. 2) humidifier; NOTE 3 When dry gas is utilized, a humidifier is typically needed. 3) breathing tube; 4) a patient interface, which is used to deliver gas to the patient; and 5) a flow controller, which is used to select and deliver the desired flow. NOTE 4 The flow controller can be at a fixed rate. NOTE 5 The flowrate range is dependent upon the intended patient population (e.g., neonatal, paediatric and adult patients can require different flowrates). These parts can be combined (e.g., the gas source and humidifier can be combined). Ventilatory highflow therapy equipment interfaces with the patient whose upper airway is intact via a nasal cannula or mask as well as a patient whose upper airway is bypassed via an endotracheal tube, oropharyngeal mask, or tracheostomy. Ventilatory high-flow therapy equipment can be transit-operable. This document is also applicable to those accessories intended by their manufacturer to be connected to the ventilatory high-flow therapy equipment, where the characteristics of those accessories can affect the basic safety or essential performance of the ventilatory high-flow therapy equipment. EXAMPLE 2 Breathing sets, connectors, water traps, expiratory valve, humidifier, breathing system filter, external electrical power source, distributed alarm system. This document does not specify the requirements for: - ventilators or accessories for ventilator-dependent patients intended for critical care applications, which are given in ISO 80601-2-12; - ventilators or accessories intended for anaesthetic applications, which are given in ISO 80601-2-13; - ventilators or accessories intended for the emergency medical services environment, which are given in ISO 80601-2-84; - ventilators or accessories intended for ventilator-dependent patients in the home healthcare environment, which are given in ISO 80601-2-72; - ventilatory support equipment or accessories intended for ventilatory impairment, which are given in ISO 80601-2-79; - ventilatory support equipment or accessories intended for ventilatory insufficiency, which are given in ISO 80601 2 80; - sleep apnoea therapy ME equipment, which are given in ISO 80601-2-70; - continuous positive airway pressure (CPAP) ME equipment; - high-frequency jet ventilators (HFJVs); - high-frequency oscillatory ventilators (HFOVs), which are given in ISO 80601-2-87; and - cuirass or "iron-lung" ventilation equipment. NOTE 4 Ventilatory high-flow therapy equipment can be incorporated into any of the above equipment, in which case those standards would be applicable for those ventilation-modes.

Keel: en

Alusdokumendid: ISO/DIS 80601-2-90; prEN ISO 80601-2-90

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEVS-ISO 15190

Meditsiinilaborid. Ohutusnõuded

Medical laboratories - Requirements for safety (ISO 15190:2020, identical)

See dokument määratleb ohutu töö nõuded meditsiinilaboris (edaspidi „labor“).

Keel: en

Alusdokumendid: ISO 15190:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 81-28

Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts

This document covers the risk of entrapment of users in the car and in the well, and gives the technical requirements for the alarm systems for passenger and goods passenger lifts, as described in the EN 81 series. This includes: - activation of the alarm, - transmission of the alarm, - information for use and maintenance, - site testing to verify the requirements of this document have been met before the lift is used. Excluded are: - the failure of the communication network (see Annex A), including mobile network signal strength or similar; - the failure of the network power supply such that all the lifts in a geographical area create entrapment simultaneously. This document is not applicable to alarm systems for lifts installed before the date of its publication.

Keel: en

Alusdokumendid: prEN 81-28

Asendab dokumenti: EVS-EN 81-28:2018
Asendab dokumenti: prEVS-EN 81-28:2018+AC

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 81-58

Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test

This document specifies the fire resistance requirements for lift landing doors which can be exposed to a fire from the landing side. This document applies to all types of lift landing doors used as a means of access to lifts in buildings and which are intended to provide a fire barrier to the spread of fire via the lift well. It also specifies the method of testing and classification of fire resistance of lift landing doors. The test method is only valid for furnaces where the door is mounted in a vertical position. The test method allows for the measurement of integrity and if required the measurement of radiation and thermal insulation. This document covers the hazard of fire spreading to the lift well during a defined period of time. The fire resistance requirements are expressed in terms of integrity (E), insulation (EI) and radiation (EW). This document does not cover other technical requirements in addition to fire resistance requirements. The other technical requirements are specified in relevant product standards referring to this document. This document refers to CO₂ as means of tracing the propagation of fire. The document does not cover hazards due to emission of gasses. This document is not applicable to lift landing doors installed in lifts before the date of its publication.

Keel: en

Alusdokumendid: prEN 81-58

Asendab dokumenti: EVS-EN 81-58:2018

Arvamusküsitluse lõppkuupäev: 13.12.2020

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

prEN IEC 63087-1:2020

Measurement method for assistive listening functionality (TA 16)

This part of IEC 63087 specifies requirements for the provision of assistive listening in audio, video and multimedia systems and equipment. The requirements are of different kinds, because of the diversity of the hardware concerned. Existing IEC standards for methods of measurement are normatively referenced if they exist. Associated performance requirements are specified in this standard or another Part of IEC 63087. This International Standard specifies requirements, and the associated methods of measurement, for the electroacoustic performance of personal listening systems. This standard does not apply to hearing aids. Also excluded are devices entirely worn on or in the ear, which cannot be measured independently.

Keel: en

Alusdokumendid: IEC 63087-1:202X; prEN IEC 63087-1:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN 15427-1-1

Railway applications - Wheel/Rail friction management - Part 1-1: Equipment and Application - Flange Lubricants

This European standard specifies the requirements when applying lubricant to the interface between the wheel flange and the rail (active interface) either directly or indirectly to the wheel flange or to the rail and includes both trainborne and trackside solutions. This standard only covers the equipment and application of lubricant to the active interface. This document defines: - the characteristics that systems of lubrication of the wheel-rail interface shall achieve, together with applicable inspection and test methods to be carried out for verification; - all relevant terminology which is specific to the lubrication of the wheel-rail interface. This document only applies to the mainline railway NOTE This document can also be used for other railways, e. g urban rail.

Keel: en

Alusdokumendid: prEN 15427-1-1

Asendab dokumenti: EVS-EN 15427:2008+A1:2010

Arvamusküsitluse lõppkuupäev: 13.12.2020

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN ISO 11439:2013/prA1

Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles - Amendment 1 (ISO 11439:2013/DAM 1:2020)

Amendment for EN ISO 11439:2013

Keel: en

Alusdokumendid: ISO 11439:2013/DAMd 1; EN ISO 11439:2013/prA1

Muudab dokumenti: EVS-EN ISO 11439:2013

Arvamusküsitluse lõppkuupäev: 13.12.2020

25 TOOTMISTEHNOLLOOGIA

prEN IEC 62264-6

Enterprise-control system integration - Part 6: Messaging service model

This document defines a technology independent model for a set of abstract services that is located above the application layer of the OSI model, and that is used for exchanging transaction messages based on the transaction models defined in IEC 62264-5. The model, which is called the Messaging Service Model (MSM), is intended for interoperability between manufacturing operations domain applications and applications in other domains. NOTE It is recognized that other sets of services not defined in accordance with this document are possible for the exchange of MOM information and are not deemed invalid as a result of this document.

Keel: en

Alusdokumendid: IEC 62264-6:2020; prEN IEC 62264-6

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN ISO 4524-3

Metallic coatings - Test methods for electrodeposited gold and gold alloy coatings - Part 3: Electrographic tests for porosity (ISO/DIS 4524-3:2020)

This part of ISO 4524 specifies four electrographic tests for assessing the porosity of electrodeposited gold and gold alloy coatings for engineering, and decorative and protective purposes.

Keel: en

Alusdokumendid: ISO/DIS 4524-3; prEN ISO 4524-3

Asendab dokumenti: EVS-EN ISO 4524-3:1999

Arvamusküsitluse lõppkuupäev: 13.12.2020

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 14825

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling - Testing and rating at part load conditions and calculation of seasonal performance

This European Standard covers air conditioners, heat pumps and liquid chilling packages, including comfort and process chillers. It applies to factory made units defined in EN 14511-1, except single duct, double duct, control cabinet and close control units. It also covers direct expansion-to-water(brine) heat pumps (DX-to-water) as defined in EN 15879-1. This European Standard also covers hybrid heat pumps as defined in this standard. This European Standard gives the temperatures and part load conditions and the calculation methods for the determination of seasonal energy efficiency SEER and SEERon, seasonal space cooling energy efficiency $\eta_{s,c}$ seasonal coefficient of performance SCOP, SCOPon and SCOPnet, and seasonal space heating energy efficiency $\eta_{s,h}$ and seasonal energy performance ratio SEPR. Such calculation methods may be based on calculated or measured values. In case of measured values, this European Standard covers the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also covers test methods for electric power consumption during thermostat-off mode, standby mode, off-mode and crankcase heater mode. NOTE 1 The word "unit" is used instead of the full terms of the products. NOTE 2 The word "cooling" is used to refer to both space cooling and process cooling. NOTE 3 The word "heating" is used to refer to space heating.

Keel: en

Alusdokumendid: prEN 14825

Asendab dokumenti: EVS-EN 14825:2018

Arvamusküsitluse lõppkuupäev: 13.12.2020

29 ELEKTROTEHNIKA

prEN IEC 60086-5:2020

Primary batteries - Part 5: Safety of batteries with aqueous electrolyte

This part of IEC 60086 specifies tests and requirements for primary batteries with aqueous electrolyte to ensure their safe operation under intended use and reasonably foreseeable misuse.

Keel: en

Alusdokumendid: IEC 60086-5:202X; prEN IEC 60086-5:2020

Asendab dokumenti: EVS-EN 60086-5:2016

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 60757:2020

Code for designation of colours

This International Standard specifies letter codes for designation of colours and provides rules for their combination to designate colour combinations. The letter codes are intended to be applied in the technical documentation of industrial installations, equipment and products, and in markings of equipment and products. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC

Guide 51. It is not intended for use by manufacturers or certification bodies. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements of this basic safety publication will not apply unless specifically referred to or included in the relevant publications. This International Standard does not specify any requirements for the encoding of colour properties, nor for their visual representation. Such requirements are under the responsibility of the different technical committees.

Keel: en

Alusdokumendid: IEC 60757:202X; prEN IEC 60757:2020

Asendab dokumenti: EVS-HD 457 S1:2003

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 60938-1:2020

Fixed inductors for electromagnetic interference suppression - Part 1: Generic specification

This International Standard applies to inductors designed for electromagnetic interference suppression intended for use within all kind of electric and electronic equipment. In this Generic Specification normative reference, terms and definitions are given. It also prescribes General requirements and the suitable test and measurement procedures for interference suppression inductors.

Keel: en

Alusdokumendid: IEC 60938-1:202X; prEN IEC 60938-1:2020

Asendab dokumenti: EVS-EN 60938-1:2002

Asendab dokumenti: EVS-EN 60938-1:2002/A1:2007

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 62314:2020

Solid-state relays

This International Standard applies to particular all-or-nothing electrical relays denominated solid-state relays intended for performing electrical operations by single step function changes to the state of electric circuits between the OFF-state and the ON-state and vice versa. This document deals with solid-state relays which are intended for incorporation in other products or equipment. As such, solid-state relays are considered to be components and this document defines the basic safety-related and functional requirements for solid-state relays as stand-alone components. Such solid-state relays are incorporated in products or equipment which themselves have to comply with the relevant product and/or application standard(s) to meet their intended application. The following are examples of such applications: - general industrial equipment; - electrical facilities; - electrical machines; - electrical appliances; - office communications; - building automation and environmental control; - automation and process control; - electrical installation engineering; - medical engineering; - telecommunications; - vehicle engineering; - transportation engineering; - lighting control. Where the component is intended to be incorporated into the equipment by the final user without EMC knowledge, an assessment for EMC compliance is available. There are no EMC requirements for solid state relays intended for incorporation into the equipment by the equipment manufacturer, because the performance strongly depends on the application into the equipment. Solid-state switching devices with monolithic structures fall within the scope of IEC sub195 committee 47E and are not covered in this document. Semiconductor controllers and contactors fall within the scope of the IEC 60947 series of standards - Low-voltage switchgear and controlgear - developed by IEC subcommittee 121A and are not covered in this document. Compliance with the requirements of this document is verified by the type tests and routine tests indicated. The object of this document is to state: - the characteristics of solid-state relays; - the requirements which solid-state relays shall comply with reference to a) their operation and behaviour; b) their 205 dielectric properties; - the tests verifying that the requirements have been met, and the test methods to be adopted; - the information to be given with the solid-state relay or in the manufacturer's documentation.

Keel: en

Alusdokumendid: IEC 62314:202X; prEN IEC 62314:2020

Asendab dokumenti: EVS-EN 62314:2008

Arvamusküsitluse lõppkuupäev: 13.12.2020

31 ELEKTROONIKA

prEN IEC 60938-1:2020

Fixed inductors for electromagnetic interference suppression - Part 1: Generic specification

This International Standard applies to inductors designed for electromagnetic interference suppression intended for use within all kind of electric and electronic equipment. In this Generic Specification normative reference, terms and definitions are given. It also prescribes General requirements and the suitable test and measurement procedures for interference suppression inductors.

Keel: en

Alusdokumendid: IEC 60938-1:202X; prEN IEC 60938-1:2020

Asendab dokumenti: EVS-EN 60938-1:2002

Asendab dokumenti: EVS-EN 60938-1:2002/A1:2007

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 60938-2:2020

Fixed inductors for electromagnetic interference suppression - Part 2: Sectional specification on Power Line Chokes

This standard applies to fixed inductors designed for electromagnetic interference suppression, which will be connected to an AC mains or other supply with a nominal voltage not exceeding 1000 V AC r.m.s or 1500 V DC with a nominal frequency not exceeding

400 Hz. This International Standard is restricted to fixed inductors for which safety tests are appropriate. This implies that inductors specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of Annex A is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these safety tests are required. The object of this standard is to prescribe standard requirements for safety tests, preferred ratings and characteristics, to select from IEC 60938-1 the appropriate methods of test and to give general performance requirements for suppression inductors. Test severities and performance requirements prescribed in detail specifications referring to this sectional specification shall be of equal or higher performance level. In addition, the minimum requirements for safety tests specified herein always apply.

Keel: en

Alusdokumendid: IEC 60938-2:202X; prEN IEC 60938-2:2020

Asendab dokumenti: EVS-EN 60938-2:2002

Asendab dokumenti: EVS-EN 60938-2:2002/A1:2007

Arvamusküsitluse lõppkuupäev: 13.12.2020

33 SIDETEHNIKA

prEN 301 025 V2.2.2

Üldside VHF raadiotelefoniseadmed ja klassi D digitaalselektiivväljakutse (DSC) lisaseadmed; Raadiospektrile juurdepääsu harmoneeritud standard **VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC); Harmonised Standard for access to radio spectrum and for features for emergency services**

The present document specifies technical characteristics and methods of measurements for VHF radiotelephone operating in the frequency bands specified in Radio Regulation appendix 18 as applicable, allocated to the maritime mobile service using either 25 kHz or 25 kHz and 12,5 kHz channels and associated equipment for DSC - class D. The present document does not cover requirements for any integrated GNSS receiver providing locating function. These requirements include the relevant provisions of the ITU Radio Regulations, appendix 18, Recommendation ITU-R M.493-15 (where class D is defined), Recommendation ITU-R M.825-3 and incorporate the relevant guidelines of the IMO as detailed in IMO Circular MSC/Circ-803. NOTE: The relationship between the present document and essential requirements of article 3.2 and article 3.3(g) of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: Draft ETSI EN 301 025 V2.2.2

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 303 276 V1.2.0

Raadiosagedusalas 5852 MHz kuni 5872 MHz ja/või 5880 MHz kuni 5900 MHz töötavad mereside lairiba raadiolingid laevadele ja avamere ehitistele; Raadiospektrile juurdepääsu harmoneeritud standard **Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities; Harmonised Standard for access to radio spectrum**

The present document specifies technical characteristics and methods of measurements for below-deck equipment for maritime mobile broadband radiocommunication systems (MBR) radio equipment utilizing integral electronically phase steered antennae applicable for communications between vessels and between vessels and platforms engaged in coordinated off-shore activities and intended to operate at the frequencies shown in table 1, operating with linear polarization or Left Hand Circular Polarization (LHCP) Table 1: MBR operating frequencies Operation; MBR operating frequencies Transmission; 5 862 MHz, 5 890 MHz Reception; 5 862 MHz, 5 890 MHz NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: Draft ETSI EN 303 276 V1.2.0

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 303 699 V1.1.0

Kosmoseside maajaamad ja süsteemid (SES); FSS sagedusalades 20 GHz ja 30 GHz mittegeostatsionaarbiidil kosmoseside süsteemidega suhtlevad statsionaarsed maajaamad; Raadiospektrile juurdepääsu harmoneeritud standard **Satellite Earth Stations and Systems (SES); Fixed earth stations communicating with non-geostationary satellite systems in the 20 GHz and 30 GHz FSS bands; Harmonised Standard for access to radio spectrum**

The present document covers requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. The present document applies to satellite communications Earth Stations (ES) with the following characteristics: • The ES is designed for stationary operation. • The ES is operating as part of a satellite network (e.g. star, mesh or point to point) used for the distribution and/or exchange of information. • The transmit and receive frequencies are shown in table 1. Table 1: Frequency bands Frequency Bands/frequencies Transmit (Earth-to-space) 1; 27,5 GHz to 29,1 GHz Transmit (Earth-to-space) 2; 29,5 GHz to 30,0 GHz Receive (space-to-Earth); 17,30 GHz to 20,20 GHz •

The ES transmits within the frequency range from 27,5 GHz to 29,1 GHz and 29,5 GHz to 30,0 GHz, which is a band allocated to the Fixed Satellite Services (FSS) (Earth-to-space) among other services. National regulations will specify the bands available for the operation of the ES. Such regulations may designate some parts of the frequency range 27,5 GHz to 29,1 GHz to terrestrial services such as the Fixed Service. However, the operation of the ES may be permitted under national regulations in the 29,50 GHz to 30,00 GHz band since this band is allocated on a primary basis to the Fixed Satellite Service. • The ES receives in one or more frequencies within the range from 17,30 GHz to 20,20 GHz (FSS). • The ES uses linear or circular polarization. • The ES operates through non-geostationary satellites. • The ES is designed for unattended operation. • The ES is controlled and monitored by a Network Control Facility (NCF). This function may be performed centrally (e.g. for a network of ESs with a central hub) or it could be performed within the ES for autonomous control. The NCF is outside the scope of the present document. • The ES operating in the 27,5 GHz to 28,6 GHz and 29,5 GHz to 30 GHz bands: epfd limits given in article 22 of the ITU Radio Regulations apply for the ESs operating with the NGSO system for the protection of the GSO networks (see No. 22.5D of the ITU RR). • ES operating in the 28,6 GHz to 29,1 GHz band: No. 9.11A of the ITU RR [i.5] applies to the NGSO network of the ES, meaning that the NGSO will be required to coordinate with earlier filed GSO networks or NGSO systems (See No. 5.523A of the ITU RR [i.5]). • The ES has one or more directive antennas that track satellites. The present document applies to the ES with its ancillary equipment and its various telecommunication ports, and when operated within the boundary limits of the operational environmental profile as declared by the manufacturer and when installed as required by the manufacturer's declaration or in the user documentation. NOTE 1: Operational requirements are defined by national administrations and by relevant ECC Decisions. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Directive 2014/53/EU may apply to equipment within the scope of the present document. NOTE 2: A list of such ENs is included on the web site <http://www.newapproach.org>. NOTE 3: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: Draft ETSI EN 303 699 V1.1.0

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 303 981 V1.1.0

Kosmoseside maajaamad ja süsteemid (SES); Saatesagedusel 11 GHz - 14 GHz mittegeostatsionaarbiidil laiaribaliste kosmoseside süsteemidega (WBES) suhtlevad statsionaarsed ja liikuvad maajaamad; Raadiospektrile juurdepääsu harmoneeritud standard Satellite Earth Stations and Systems (SES); Fixed and in-motion Wide Band Earth Stations communicating with non-geostationary satellite systems (WBES) in the 11 GHz to 14 GHz frequency bands; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (WBES) in the 11 GHz to 14 GHz FSS frequency bands, which have the following characteristics: • The WBES is further defined as one of two classes of Earth stations, class A and class B. The clauses in the present document apply to both classes unless separately delineated. • The WBES is designed for both in-motion and stationary operation. • The WBES operates in-motion on various platforms such as trains, maritime vessels, aircraft and other vehicles and, therefore, may be subject to occasional disturbances and interruptions in the satellite link. • The WBES is operating as part of a satellite system used for the provision of broadband communications. • The WBES is comprised of all the equipment, electrical and mechanical, from the antenna itself to the interface with other communications equipment on a mobile platform. • The WBES comprises one or more emitters and the system overview as given in figure 1 should be interpreted accordingly. • The transmit and receive frequencies are shown in table 1. Table 1: Frequency Bands Transmit (Earth-to-space); 14,0 GHz to 14,50 GHz Receive (space-to-Earth); 10,70 GHz to 12,75 GHz • The WBES transmits within the frequency range from 14,0 GHz to 14,50 GHz. • The WBES receives within the range from 10,70 GHz to 12,75 GHz. • The Class A WBES transmits at elevation angles of 50° or greater, relative to the horizontal plane. • The Class B WBES transmits at elevation angles of 25° or greater, relative to the horizontal plane. • The WBES uses linear or circular polarization. • The WBES communicates with non-geostationary satellites. • The WBES is designed for unattended operation. • The WBES is controlled and monitored by a Network Control Facility (NCF). The NCF is outside the scope of the present document. The present document applies to the WBES with its ancillary equipment and its various telecommunication ports, and when operated within the boundary limits of the operational environmental profile as declared by the manufacturer and when installed as required by the manufacturer's declaration or in the user documentation. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: Draft ETSI EN 303 981 V1.1.0

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 60794-1-219:2020

Optical fibre cables - Part 1-219: Generic specification - Basic optical cable test procedures - Material compatibility test, Method F19

This part of IEC 60794 applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, as well as hybrid telecommunication cables having a combination of both optical fibres and electrical conductors. The object of this standard is to define test procedures to be used in establishing uniform requirements for the material compatibility performance of cables, cable components, and cable subassemblies. Compatibility of materials within a cable has the potential to involve a range of material pairs. However, experience has shown that the most pertinent evaluations are of the cable filling and flooding materials interactions with other materials in the cable. Throughout the standard the wording "optical cable" may also include optical fibre units, microduct fibre units, etc. See IEC 60794-1-2 for general requirements and definitions and reference guide to test methods of all types.

Keel: en

Alusdokumendid: IEC 60794-1-219:202X; prEN IEC 60794-1-219:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 60794-1-401:2020

Optical fibre cables - Basic optical cable test procedures - Part 401: Electrical test methods - Short-circuit test (for OPGW, OPPC and OPAC), Method H1

The short-circuit test is intended to assess the performance of the OPGW (optical ground wire) or OPPC (optical phase conductor) under typical short-circuit, or the impact on the performance of OPAC (optical attached cable) under short-circuit current on the messenger wire.

Keel: en

Alusdokumendid: IEC 60794-1-401:202X; prEN IEC 60794-1-401:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 60794-1-402:2020

Optical Fibre Cables - Basic optical cable test procedures - Part 402: Electrical test methods - Lightning test (for OPGW, OPPC and OPAC), Method H2

This test is intended to evaluate the impact of a lightning strike on an OPGW, OPPC or OPAC.

Keel: en

Alusdokumendid: IEC 60794-1-402:202X; prEN IEC 60794-1-402:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 60938-2:2020

Fixed inductors for electromagnetic interference suppression - Part 2: Sectional specification on Power Line Chokes

This standard applies to fixed inductors designed for electromagnetic interference suppression, which will be connected to an AC mains or other supply with a nominal voltage not exceeding 1000 V AC r.m.s or 1500 V DC with a nominal frequency not exceeding 400 Hz. This International Standard is restricted to fixed inductors for which safety tests are appropriate. This implies that inductors specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of Annex A is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these safety tests are required. The object of this standard is to prescribe standard requirements for safety tests, preferred ratings and characteristics, to select from IEC 60938-1 the appropriate methods of test and to give general performance requirements for suppression inductors. Test severities and performance requirements prescribed in detail specifications referring to this sectional specification shall be of equal or higher performance level. In addition, the minimum requirements for safety tests specified herein always apply.

Keel: en

Alusdokumendid: IEC 60938-2:202X; prEN IEC 60938-2:2020

Asendab dokumenti: EVS-EN 60938-2:2002

Asendab dokumenti: EVS-EN 60938-2:2002/A1:2007

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 61970-401:2020

Energy management system application program interface (EMS-API) - Part 401: Profile framework

The IEC 61970-401 document describes how the IEC 61970-450 to -499, IEC TS 61970-600 and IEC 61970-600 profile standards as well as any other CIM based profile specifications are structured and created. Profile documents describe a subset of the canonical CIM dedicated to a specific data exchange, the canonical CIM is described in the IEC 61970-300 series documents as well as the IEC 61968-11. Rules for creation of canonical CIM is outside the scope of this document. The IEC 61970-401 document specifies the structure of a profile specification and the rules for creating the subsets from the canonical CIM. The guiding principle for the profiling method is that the information described by a profile is a true subset of the canonical CIM and retain class, role and attribute names from the canonical CIM. The data types in CIM are described by classes stereotyped Primitive or CIMDatatype that is a composition of three attributes value, unit and multiplier. The main objective being that different datasets (see section 3) exchanged using different profiles based on canonical CIM solely rely on the definitions and basic principles of the canonical CIM which is a key to make interoperability efforts feasible. This also enables different profiles to relate data between them by using the canonical CIM as a hub and supports a reader of a data set or a message to easily find descriptions of elements in both the profile and the canonical CIM. The support for relating data in different data sets or messages described by different profiles is required when data is divided across different data sets governed by different profiles. Such use cases are defined for network models where the network description is separated from the operational conditions of the network (seen as an input) and the results. There are several languages that can describe profiles, e.g. UML (serialized as XML), RDFS, Ecore or OWL. UML includes a graphical language that is implemented by UML editors. OWL does not have a graphical language, but several editors exist that support the display and editing of OWL data. The language in which a profile is described is outside the scope of this specification as well as how profiles are presented and edited in user interfaces. Relevant specifications are referenced in section 2. A profile in UML is described by classes, attributes, associations and roles, the common way to describe information in UML. The UML language also include the concept of stereotypes and tagged values that enables custom extensions of the UML language. Hence profiling with UML means copying and updating classes, attributes, associations and stereotypes from the canonical CIM. A profile in OWL is described by classes and properties. There are two types of OWL properties matching with UML attributes and UML roles. Profiling in OWL means creating OWL classes and properties by selecting UML classes, attributes, and roles from canonical CIM the same way as it is done for profiling with UML. This specification standardizes the operations used to create the profile elements from the canonical CIM. As canonical CIM is described in UML the operations are described in the terms of UML classes,

attributes and roles. There is a mapping between UML and OWL so either language can be used to describe the created profiles. This specification support profiles describing data exchanged with CIMXML files according to IEC 61970-552. But other formats are also supported if the exchanged data comply with profiles created according to this document. Tools that process data described by profiles created according to this document will need a machine readable version of the profiles, also called syntactical profile. IEC 61970-501 is an RDFS based serialization intended for this. Hence profiling tools shall support the generation of profiles in the IEC 61970-501 serialisation format. [...]

Keel: en

Alusdokumendid: IEC 61970-401:202X; prEN IEC 61970-401:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 61970-452:2020

Energy management system application program interface (EMS-API) - Part 452: CIM static transmission network model profiles

This document is one of the IEC 61970-450 to 499 series that, taken as a whole, defines at an abstract level the content and exchange mechanisms used for data transmitted between control centres and/or control centre components, such as power systems applications. The purpose of this document is to define the subset of classes, class attributes, and roles from the CIM necessary to execute state estimation and power flow applications. The North American Electric Reliability Council (NERC) Data Exchange Working Group (DEWG) Common Power System Modelling group (CPSM) produced the original data requirements, which are shown in Annex E. These requirements are based on prior industry practices for exchanging power system model data for use primarily in planning studies. However, the list of required data has been extended starting with the first edition of this standard to facilitate a model exchange that includes parameters common to breaker-oriented applications. Where necessary this document establishes conventions, shown in Clause 6, with which an XML data file must comply in order to be considered valid for exchange of models. This document is intended for two distinct audiences, data producers and data recipients, and may be read from two perspectives. From the standpoint of model export software used by a data producer, the document describes a minimum subset of CIM classes, attributes, and associations which must be present in an XML formatted data file for model exchange. This standard does not dictate how the network is modelled, however. It only dictates what classes, attributes, and associations are to be used to describe the source model as it exists.

Keel: en

Alusdokumendid: IEC 61970-452:202X; prEN IEC 61970-452:2020

Asendab dokumenti: EVS-EN 61970-452:2017

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 63173-1:2020

Maritime navigation and radiocommunication equipment and systems - Data Interface - Part 1: S-421 Route Plan Based on S-100

This part of the standard specifies an S-100 compliant product specification for route plan intended for exchange of information. It specifies the content, structure, and metadata needed for creating fully S-100 compliant route plan information and its portrayal within an S-100-based application. The IHO manages all numbers for S-100 compliant product specifications and has assigned S-421 for this route plan IEC standard. This document specifies only a data format for the route plan exchange. This document does not specify a data format of vessel monitoring and logging information. This information can be provided by other mechanisms or be specified in other standards. The format of the route plan exchange includes some limited vessel static information. When more static information is required, it can be obtained by other methods such as AIS.

Keel: en

Alusdokumendid: IEC 63173-1:202X; prEN IEC 63173-1:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN IEC 63249-1:2020

Waveguide to coaxial adapters - Part 1: Generic specification - General requirements and test methods

This specification defines general requirements and test methods for waveguide to coaxial adapters. It includes terms and definitions, design and construction, ratings and characteristics, climatic categories, IEC type designation, requirements and test methods, quality assessment, marking, and etc. It provides the basis for establishing the sectional specifications for various waveguide to coaxial adapters. This part applies to waveguide to coaxial adapters (short name adapter). For the purpose of this specification, according to ends, adapters are classified as the following: – Class I : Waveguide to coaxial connector adapter, waveguide at one end, and coaxial connector at the other end; – Class II : Waveguide to coaxial cable adapter, waveguide at one end, and coaxial cable at the other end; – Class III : Waveguide to coaxial cabled connector adapter, waveguide at one end, and coaxial cabled connector at the other end. According to whether the inner conductor probe of coaxial end is connected with the inner wall of waveguide cavity or not, adapters are classified as the following : – Connected adapter: Inner conductor probe of coaxial end is connected with inner wall of waveguide cavity; – Disconnected adapter: inner conductor probe of coaxial end is disconnected with inner wall of waveguide cavity.

Keel: en

Alusdokumendid: IEC 63249-1:202X; prEN IEC 63249-1:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

35 INFOTEHNOLOOGIA

prEN IEC 62264-6

Enterprise-control system integration - Part 6: Messaging service model

This document defines a technology independent model for a set of abstract services that is located above the application layer of the OSI model, and that is used for exchanging transaction messages based on the transaction models defined in IEC 62264-5. The model, which is called the Messaging Service Model (MSM), is intended for interoperability between manufacturing operations domain applications and applications in other domains. NOTE It is recognized that other sets of services not defined in accordance with this document are possible for the exchange of MOM information and are not deemed invalid as a result of this document.

Keel: en

Alusdokumendid: IEC 62264-6:2020; prEN IEC 62264-6

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN ISO 13972

Health informatics - Clinical information models - Characteristics, structures and requirements (ISO/DIS 13972:2020)

This Standard: — Specifies clinical information models (CIMs) as health and care concepts that can be used to define and to structure information for various purposes in health care, also enabling information reuse. — Describes requirements for CIMs content, structure and context and specification of their data elements, data element relationships, meta-data and versioning, and provides guidance and examples. — Specifies key characteristics of CIMs used in conceptual and logical analysis for use cases such as (reference) architectures, information layers, EHR and PHR systems, interoperability, systems integration in the health domain, and secondary use of data including for public health reporting. — Defines a Quality Management System (QMS) for a systematic and effective governance, quality management, and measurement of CIMs through their lifecycle of development, testing, distribution, application and maintenance. — Provides principles to be followed in the transformation and application of clinical information models through the wide variation of health information technology. This Standard excludes: — Normative specification of the content or application of any particular clinical information model or clinical information modelling methodology. However, informative examples are presented. — Specific applications of clinical information models such as for dynamic modelling of workflow. — Specifications for modelling entire domains or aggregates of many CIMs such as complete assessment documents or discharge summaries. It will not specify CIMs compositions. — Specification of how to involve specific clinicians, how to carry out governance including information governance, or how to ensure patient safety.

Keel: en

Alusdokumendid: ISO/DIS 13972; prEN ISO 13972

Asendab dokumenti: CEN ISO/TS 13972:2015

Arvamusküsitluse lõppkuupäev: 13.12.2020

43 MAANTEESÕIDUKITE EHITUS

EN ISO 11439:2013/prA1

Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles - Amendment 1 (ISO 11439:2013/DAM 1:2020)

Amendment for EN ISO 11439:2013

Keel: en

Alusdokumendid: ISO 11439:2013/DAMd 1; EN ISO 11439:2013/prA1

Muudab dokumenti: EVS-EN ISO 11439:2013

Arvamusküsitluse lõppkuupäev: 13.12.2020

45 RAUDTEETEHNIKA

prEN 15427-1-1

Railway applications - Wheel/Rail friction management - Part 1-1: Equipment and Application - Flange Lubricants

This European standard specifies the requirements when applying lubricant to the interface between the wheel flange and the rail (active interface) either directly or indirectly to the wheel flange or to the rail and includes both trainborne and trackside solutions. This standard only covers the equipment and application of lubricant to the active interface. This document defines: - the characteristics that systems of lubrication of the wheel-rail interface shall achieve, together with applicable inspection and test methods to be carried out for verification; - all relevant terminology which is specific to the lubrication of the wheel-rail interface. This document only applies to the mainline railway NOTE This document can also be used for other railways, e. g urban rail.

Keel: en

Alusdokumendid: prEN 15427-1-1

Asendab dokumenti: EVS-EN 15427:2008+A1:2010

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 15427-2-1

Railway applications - Wheel/Rail friction management - Part 2-1: Properties and Characteristics - Flange lubricants

This European Standard specifies the requirements of lubricants intended for lubrication of the active interface (wheel flange and the gauge face of the rail/ back of wheel and check rail). It outlines the information required for most approval procedures, the method of testing and routine control/monitoring of the lubricant.

Keel: en

Alusdokumendid: prEN 15427-2-1

Asendab dokumenti: EVS-EN 16028:2012

Arvamusküsitluse lõppkuupäev: 13.12.2020

47 LAEVAEHITUS JA MERE-EHITISED

prEN IEC 63173-1:2020

Maritime navigation and radiocommunication equipment and systems - Data Interface - Part 1: S-421 Route Plan Based on S-100

This part of the standard specifies an S-100 compliant product specification for route plan intended for exchange of information. It specifies the content, structure, and metadata needed for creating fully S-100 compliant route plan information and its portrayal within an S-100-based application. The IHO manages all numbers for S-100 compliant product specifications and has assigned S-421 for this route plan IEC standard. This document specifies only a data format for the route plan exchange. This document does not specify a data format of vessel monitoring and logging information. This information can be provided by other mechanisms or be specified in other standards. The format of the route plan exchange includes some limited vessel static information. When more static information is required, it can be obtained by other methods such as AIS.

Keel: en

Alusdokumendid: IEC 63173-1:202X; prEN IEC 63173-1:2020

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN ISO 21487

Small craft - Permanently installed petrol and diesel fuel tanks (ISO/DIS 21487:2020)

This document establishes requirements for design, construction, installation and test of petrol and diesel fuel tanks, for internal combustion engines, that are intended to be permanently installed in small craft. For installation requirements, ISO 10088:2013 applies.

Keel: en

Alusdokumendid: ISO/DIS 21487; prEN ISO 21487

Asendab dokumenti: EVS-EN ISO 21487:2012

Arvamusküsitluse lõppkuupäev: 13.12.2020

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 4827

Aerospace series - Hexavalent chromium free anodizing of aluminium and aluminium alloys

This document defines the requirements for hexavalent chromium free anodizing of aluminium and aluminium alloys for corrosion protection, bonding and painting. Hard anodizing and plasma electrolytic anodizing (micro-arc oxidation) are not covered by this document. The purpose of this document is to give design, quality and manufacturing requirements. It does not give complete in-house process instructions; these are given in the processors detailed process instructions.

Keel: en

Alusdokumendid: prEN 4827

Asendab dokumenti: EVS-EN 4827:2019

Arvamusküsitluse lõppkuupäev: 13.12.2020

75 NAFTA JA NAFTATEHNOLOOGIA

EN 589:2018/prA1

Automotive fuels - LPG - Requirements and test methods

This document specifies requirements and test methods for marketed and delivered automotive liquefied petroleum gas (LPG), with LPG defined as low pressure liquefied gas composed of one or more light hydrocarbons which are assigned to UN 1011, 1075, 1965, 1969 or 1978 only and which consists mainly of propane, propene, butane, butane isomers, butenes with traces of other hydrocarbon gases. This standard is applicable to automotive LPG for use in LPG engine vehicles designed to run on automotive LPG. NOTE For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction, μ , and the volume fraction, φ . WARNING - Attention is drawn to the risk of fire and explosion when handling LPG and to the hazard to health arising through inhalation of excessive amounts of LPG. LPG is a highly volatile hydrocarbon liquid which is normally stored under pressure. If the pressure is released large volumes of gas will be produced which form flammable mixtures with air over the range of approximately 2 % (V/V) to 10 % (V/V). This European Standard involves the sampling, handling and testing of LPG. Naked flames, unprotected electrical equipment electrostatic hazards etc. are sources

of ignition for LPG. LPG in liquid form can cause cold burns to the skin. The national health and safety regulations apply. LPG is heavier than air and accumulates in cavities. There is a danger of suffocation when inhaling high concentrations of LPG. CAUTION - One of the tests described in this European Standard involves the operator inhaling a mixture of air and LPG vapour. Particular attention is drawn to the cautionary statement provided in A.1, where this method is referred to.

Keel: en

Alusdokumendid: EN 589:2018/prA1

Muudab dokumenti: EVS-EN 589:2018

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 15427-2-1

Railway applications - Wheel/Rail friction management - Part 2-1: Properties and Characteristics - Flange lubricants

This European Standard specifies the requirements of lubricants intended for lubrication of the active interface (wheel flange and the gauge face of the rail/ back of wheel and check rail). It outlines the information required for most approval procedures, the method of testing and routine control/monitoring of the lubricant.

Keel: en

Alusdokumendid: prEN 15427-2-1

Asendab dokumenti: EVS-EN 16028:2012

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 15692

Ethanol as a blending component for gasoline - Determination of water content - Karl Fischer potentiometric titration method

This document specifies a method for the direct determination of water in ethanol to be used as a blending component for petrol, as well as in automotive ethanol (E85) fuel. This method is applicable in the range 0,05 % (m/m) to 0,54 % (m/m). NOTE For the purposes of this document, the term "% (m/m)" is used to represent the mass fraction. WARNING - Use of this document might involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 15692

Asendab dokumenti: EVS-EN 15692:2009

Arvamusküsitluse lõppkuupäev: 13.12.2020

91 EHITUSMATERJALID JA EHITUS

prEN 12158-1

Builders' hoists for goods - Part 1: Hoists with accessible platforms

1.1 This standard deals with power operated temporarily installed builders hoists (referred to as "hoists" in this standard) intended for use by persons who are permitted to enter sites of engineering and construction, serving landing levels, having a load carrying device: - designed for the transportation of goods only; - guided; - travelling vertically or along a path within 15 degrees max. of the vertical; - supported or sustained by drum driven wire rope, chain, rack and pinion, hydraulic jack (direct or indirect), or an expanding linkage mechanism; - where masts, when erected, may or may not require support from separate structures; - which permits the access of instructed persons during loading and unloading; - which are driven by appointed persons; - which permits, if necessary, during erection, dismantling, maintenance and inspection, the access and travel by persons who are competent and authorised. 1.2 The standard identifies hazards as listed in clause 4 which arise during the various phases in the life of such equipment and describes methods for the elimination or reduction of these hazards when used as intended by the manufacturer. 1.3 This European standard does not specify the additional requirements for: - operation in severe conditions (e.g. extreme climates, strong magnetic fields); - lightning protection; - operation subject to special rules (e.g. potentially explosive atmospheres); - electromagnetic compatibility (emission, immunity); - handling of loads the nature of which could lead to dangerous situations (e.g. molten metal, acids/bases, radiating materials, fragile loads); - the use of combustion engines; - the use of remote controls; - hazards occurring during manufacture; - hazards occurring as a result of mobility; - hazards occurring as a result of being erected over a public road; - earthquakes; - noise. 1.4 This standard is not applicable to - builders hoists for persons and materials; - lifts according to EN 8.

Keel: en

Alusdokumendid: prEN 12158-1

Asendab dokumenti: EVS-EN 12158-1:2006+A1:2010

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 12320

Building hardware - Padlocks and padlock fittings - Requirements and test methods

This document applies to mechanical padlocks and padlock fittings used on buildings and general use, and specifies the test methods to be used. This document specifies performance and other requirements for strength, security, durability, performance, and corrosion resistance of padlocks. It establishes one category of use, two categories of durability, six categories for corrosion resistance and six grades for security based on performance tests that simulate attack. Limited manual attack testing is included in this document because the machine testing does not replicate all known manual attacks.

Keel: en
Alusdokumendid: prEN 12320
Asendab dokumenti: EVS-EN 12320:2012

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 13126-1

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 1: Requirements common to all types of hardware

This document specifies performance requirements for the strength and durability of hardware for the operation of movable sashes of windows and door height windows including requirements and test methods common to all hardware. This document is applicable to the hardware suitable for windows and door height windows in Table 1, whatever the material used for the construction of the window. This document does not apply to the following: - fusible links, - hardware for lifting side-hung windows, - fixing devices that are used to assemble or install a fixed window, - devices that are used for the permanent fixing of a complete window into a building structure, - mechanisms for the pneumatic or hydraulic remote operation of windows, - single axis hinges (other than those, which provide a pivot-function for windows), - single axis hinges as covered in EN 1935, - hardware for sliding doors and folding doors as covered in EN 1527 - door and window bolts as covered in EN 12051.

Keel: en
Alusdokumendid: prEN 13126-1
Asendab dokumenti: EVS-EN 13126-1:2011

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 13126-13

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 13: Sash balances

This document specifies requirements and test methods for durability, strength, security and function of sash balances.

Keel: en
Alusdokumendid: prEN 13126-13
Asendab dokumenti: EVS-EN 13126-13:2012

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 13126-14

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 14: Sash fasteners

This document specifies requirements and test methods for durability, strength, security and function of sash fasteners for windows and door height windows.

Keel: en
Alusdokumendid: prEN 13126-14
Asendab dokumenti: EVS-EN 13126-14:2012

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 14825

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling - Testing and rating at part load conditions and calculation of seasonal performance

This European Standard covers air conditioners, heat pumps and liquid chilling packages, including comfort and process chillers. It applies to factory made units defined in EN 14511-1, except single duct, double duct, control cabinet and close control units. It also covers direct expansion-to-water(brine) heat pumps (DX-to-water) as defined in EN 15879-1. This European Standard also covers hybrid heat pumps as defined in this standard. This European Standard gives the temperatures and part load conditions and the calculation methods for the determination of seasonal energy efficiency SEER and SEERon, seasonal space cooling energy efficiency $\eta_{s,c}$ seasonal coefficient of performance SCOP, SCOPon and SCOPnet, and seasonal space heating energy efficiency $\eta_{s,h}$ and seasonal energy performance ratio SEPR. Such calculation methods may be based on calculated or measured values. In case of measured values, this European Standard covers the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also covers test methods for electric power consumption during thermostat-off mode, standby mode, off-mode and crankcase heater mode. NOTE 1 The word "unit" is used instead of the full terms of the products. NOTE 2 The word "cooling" is used to refer to both space cooling and process cooling. NOTE 3 The word "heating" is used to refer to space heating.

Keel: en
Alusdokumendid: prEN 14825
Asendab dokumenti: EVS-EN 14825:2018

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 81-21

Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 21: New passenger and goods passenger lifts in existing building

This document specifies the safety rules related to passenger and goods/passenger lifts installed in existing buildings where limitations enforced by certain building constraints mean that some requirements of EN 81-20:2020 cannot be met. This document is intended to be read and applied in conjunction with EN 81-20:2020. It addresses the following constraints and gives requirements for alternative solutions: -existing perforate walls of the lift well; -reduction in available well area leading to reduced distance between car, counterweight or balancing weight; -counterweight or balancing weight in a separate existing well; -reduced building dimensions and clearances leading to: -reductions in available space for headroom and pit; -reduced car roof balustrade dimensions; -reduced height of sill apron; -reduced height of machine and/or pulley room; -reduced available area for access door/trap door; -reduction in available height of landing doors. This document is not applicable to lifts installed before the date of its publication.

Keel: en

Alusdokumendid: prEN 81-21

Asendab dokumenti: EVS-EN 81-21:2018

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 81-28

Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts

This document covers the risk of entrapment of users in the car and in the well, and gives the technical requirements for the alarm systems for passenger and goods passenger lifts, as described in the EN 81 series. This includes: - activation of the alarm, - transmission of the alarm, - information for use and maintenance, - site testing to verify the requirements of this document have been met before the lift is used. Excluded are: - the failure of the communication network (see Annex A), including mobile network signal strength or similar; - the failure of the network power supply such that all the lifts in a geographical area create entrapment simultaneously. This document is not applicable to alarm systems for lifts installed before the date of its publication.

Keel: en

Alusdokumendid: prEN 81-28

Asendab dokumenti: EVS-EN 81-28:2018

Asendab dokumenti: prEVS-EN 81-28:2018+AC

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 81-58

Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test

This document specifies the fire resistance requirements for lift landing doors which can be exposed to a fire from the landing side. This document applies to all types of lift landing doors used as a means of access to lifts in buildings and which are intended to provide a fire barrier to the spread of fire via the lift well. It also specifies the method of testing and classification of fire resistance of lift landing doors. The test method is only valid for furnaces where the door is mounted in a vertical position. The test method allows for the measurement of integrity and if required the measurement of radiation and thermal insulation. This document covers the hazard of fire spreading to the lift well during a defined period of time. The fire resistance requirements are expressed in terms of integrity (E), insulation (EI) and radiation (EW). This document does not cover other technical requirements in addition to fire resistance requirements. The other technical requirements are specified in relevant product standards referring to this document. This document refers to CO₂ as means of tracing the propagation of fire. The document does not cover hazards due to emission of gasses. This document is not applicable to lift landing doors installed in lifts before the date of its publication.

Keel: en

Alusdokumendid: prEN 81-58

Asendab dokumenti: EVS-EN 81-58:2018

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 81-71

Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts

This document gives requirements in order to ensure the safety of persons when using lifts which are subject to different expected levels of vandalism: - Category 1, where lifts are in general public, in locations which are unobserved and limited acts of vandalism might occur, e.g. an enclosed lift in a shopping center; - Category 2, where lifts are in general public, in locations which are unobserved where stronger acts of vandalism can be expected e.g. a lift in a public car park. NOTE See Annex A for further information with regard to the selection of the vandal resistance category to be applied. This document is not applicable to lifts installed before the date of its publication.

Keel: en

Alusdokumendid: prEN 81-71

Asendab dokumenti: EVS-EN 81-71:2018

Asendab dokumenti: prEVS-EN 81-71:2018+AC

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEN 81-77

Safety rules for the construction and installations of lifts - Particular applications for passenger and goods passenger lifts - Part 77: Lifts subject to seismic conditions

This document specifies the special provisions and safety rules for passenger and goods passenger lifts where these lifts are installed in buildings and constructions intended to withstand seismic events in compliance with EN 1998-1:2004 (Eurocode 8). This document does not introduce any specific provisions and safety rules for lifts when $a_d \leq 1 \text{ m/s}^2$ as defined in Annex A. This document does not address other risks due to seismic events (e.g. fire, flood, explosion). This document is not applicable to lifts installed before the date of its publication.

Keel: en

Alusdokumendid: prEN 81-77

Asendab dokumenti: EVS-EN 81-77:2018

Arvamusküsitluse lõppkuupäev: 13.12.2020

prEVS 920-1

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

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

Keel: et

Asendab dokumenti: EVS 920-1:2013

Arvamusküsitluse lõppkuupäev: 13.11.2020

93 RAJATISED

prEVS 901-3

Tee-ehitus. Osa 3: Asfaltsegud **Road construction. Part 3: Bituminous mixtures**

Käesolev standard täpsustab nõudeid teede, lennuväljade ja teiste liiklusalade ehitamisel ning hooldamisel kasutatavatele asfaltsegudele, andes aluse tootjate ja tellijate vahelistele kvaliteedikokkulepetele. Standardis on kirjeldatud asfaltbetoonsegude, killustikmastikksasfaltsegude, valuasfaltsegude, dreenasfaltsegude ning mustsegude omadusi.

Keel: et

Asendab dokumenti: EVS 901-3:2009

Arvamusküsitluse lõppkuupäev: 13.12.2020

TÖLKED KOMMENTEERIMISEL

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

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

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

EN 16942:2016/prA1:2019

Mootorikütused. Mootorsõidukile sobivuse tähistamine. Tankijateabe graafiline väljendus

Teises lõigus asendada väljend „veeldatud gaas” väljendiga „LPG”. Teise lõigu järele lisage järgmine märkus: “MÄRKUS Käesoleva dokumendi tähenduses kasutatakse mõisteid “% (m/m)” ja “% (V/V)” vastavalt massiosa μ ja mahuosa φ eristamise tähistamiseks.”

Keel: et

Alusdokumendid: EN 16942:2016/prA1:2019

Kommenteerimise lõppkuupäev: 13.11.2020

EVS-EN ISO 15630-3:2019

Sarrus ja pingestusteras. Katsemeetodid. Osa 3: Pingestusteras

See dokument spetsifitseerib betoonis sarrusena kasutatavale pingestusterasele (vardad, traadid või trossid) kohaldatavad katsemeetodid. See dokument ei hõlma proovide võtmise tingimusi, mida käsitletakse tootestandardites. Kaasatud poolte vaheliste võimalike kokkulepete loetelu on esitatud lisas A.

Keel: et

Alusdokumendid: ISO 15630-3:2019; EN ISO 15630-3:2019

Kommenteerimise lõppkuupäev: 13.11.2020

prEN 71-2

Mänguasjade ohutus. Osa 2: Süttivus

See dokument määrab kindlaks põlevmaterjalide kategooriad, mis on keelatud kõigis mänguasjades, ja nõuded, mis puudutavad teatud mänguasjade süttivust, kui nad on allutatud väikese süüteallika toimele. Peatükis 5 kirjeldatud katsemeetodeid kasutatakse mänguasjade süttivuse määramiseks kindlaksmääratud erilistes katsetingimustes. Saadud katsetulemusi ei saa käsitleda kui andmeid, mis annaksid üldise ülevaate mänguasjade või materjalide potentsiaalsest tuleohtlikkusest, siis kui neile rakendatakse teistsuguseid süttimisallikaid. See dokument sisaldab kõigi mänguasjade kohta kehtivaid üldisi nõudeid ning spetsiifilisi nõudeid ja katsemeetodeid järgmiste mänguasjade kohta, mida vaadeldakse suurimat ohtu kujutatavana: — peas kantavad mänguasjad: habemed, vuntsid, parukad jmt., mida valmistatakse pinnavillast või lendlevatest elementidest; maskid; kapuutsid; peakatted jne. Siiski on välja jäetud papist mütsid ilma kaunistuste või manusteta; — mängu maskeerimiskostüümid ning mänguasjad, mis on mõeldud lapsele mängu ajal seljaskandmiseks; — mänguasjad, mis on mõeldud lapsele sisenemiseks, ja mis on ehitatud tekstiilidest ja/või polümeerist lehtedest ja kiledest; — pehmed täidetud mänguasjad. MÄRKUS Lisanõuded elektriliste mänguasjade süttivusele on kindlaks määratud standardis EN 62115 [2].

Keel: et

Alusdokumendid: prEN 71-2

Kommenteerimise lõppkuupäev: 13.11.2020

prEVS-EN ISO 22232-2

Mittepurustav katsetamine. Ultraheli katseseadmete määratlemine ja kontrollimine. Osa 2: Sondid

Selles dokumendis määratletakse sondide omadused mida kasutatakse mittepurustavas ultraheli kohtrollis, mille kesksagedused on vahemikus 0,5 MHz kuni 15 MHz, teravustamisega või ilma teravustamisvahenditeta järgmistes kategooriates: a) piki- ja / või põikilaineid genereerivad ühe- või kahemuundilised kontaktsondid; b) ühe muunduriga sukeldamissondid. Kui käesolevas dokumendis on täpsustatud materjalist sõltuvad ultraheli väärtused, põhinevad need terastel, mille heli kiirus on pikilainete puhul $(5\,920 \pm 50)$ m / s ja põikilainete puhul $(3\,255 \pm 30)$ m / s. See dokument ei sisalda sondide perioodilisi teste. Rutiinsed katsed sondide kontrollimiseks kohapealsete protseduuride abil on esitatud standardis ISO 22232-3. Kui lisaks standardis ISO 22232-3 täpsustatule tuleb sondi eluea jooksul kontrollida ka parameetreid, nagu lepingupoolel on kokku leppinud, saab nende täiendavate parameetrite kontrollimenetluse valida käesolevas dokumendis esitatud meetodite hulgast. See dokument ei hõlma ka ultraheli faasilisi maatriksisonde, seetõttu vaadake ISO 18563-2.

Keel: et

Alusdokumendid: ISO 22232-2:2020; EN ISO 22232-2:2020

Kommenteerimise lõppkuupäev: 13.11.2020

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 860-2:2015

Tehniliste paigaldiste termiline isoleerimine. Osa 2: Torustikud, mahutid ja seadmed.

Järelevalve ja mõõtmine

**Thermal insulation of technical equipment - Part 2: Insulation of pipes, vessels and equipment -
Inspection and measurement**

See standard on osa „Tehniliste paigaldiste termilise isoleerimise“ standardisarjast, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. See standard annab juhiseid, kuidas teostada järelevalvet ja kontrollmõõtmisi torustike, mahutite ja seadmete soojusisolatsioonitööde kvaliteedile, nii tööde ajal kui ka tööde vastuvõtmisel.

Pikendamisküsitluse lõppkuupäev: 13.11.2020

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 12332-2:2003

Rubber- or plastic-coated fabrics - Determination of bursting strength - Part 2: Hydraulic method

This Part of this European Standard specifies a method for determining the bursting strength of coated fabrics using a forcing fluid and a diaphragm machine

Keel: en

Alusdokumendid: EN 12332-2:2002

Tühistamisküsitluse lõppkuupäev: 13.11.2020

EVS-EN 60424-3:2016

Ferrite cores - Guidelines on the limits of surface irregularities - Part 3: ETD-cores, EER-cores, EC-cores and E-cores

IEC 60424-3:2015 gives guidelines on allowable limits of surface irregularities applicable to ETD-cores, EER-cores, EC-cores and E-cores in accordance with the relevant general specification. This standard is a specification useful in the negotiations between ferrite core manufacturers and customers about surface irregularities. This edition includes the following significant technical changes with respect to the previous edition: a) addition of allowable areas of chips for EC-cores in Table 3, b) addition of crystallites in 4.5 and pores in 4.6.

Keel: en

Alusdokumendid: IEC 60424-3:2015; EN 60424-3:2016

Tühistamisküsitluse lõppkuupäev: 13.11.2020

EVS-HD 380 S2:2003

Test methods for evaluating resistance to tracking and erosion of electrical insulating materials used under severe ambient conditions

Describes two test methods (constant tracking voltage and stepwise tracking voltage) for the evaluation of electrical insulating materials for use under severe ambient conditions and power frequencies (48 Hz to 62 Hz) by measurement of the resistance to tracking and erosion. Has the status of a basic safety publication in accordance with IEC Guide 104.

Keel: en

Alusdokumendid: IEC 60587:1984; HD 380 S2:1987

Tühistamisküsitluse lõppkuupäev: 13.11.2020

EVS-HD 480 S1:2003

Test method for evaluating thermal endurance of flexible sheet materials using the wrapped tube method

This method is for the evaluation of the thermal endurance of flexible sheet materials used for electric insulation.

Keel: en

Alusdokumendid: IEC 60795:1984; HD 480 S1:1987

Tühistamisküsitluse lõppkuupäev: 13.11.2020

EVS-HD 523.3.201 S1:2003

Specification for flexible insulation sleeving; Part 3: Specification requirements for individual types of sleeving; Sheet 201: Heat shrinkable sleeving, general purpose, flexible, cross-linked PVC, shrink ratio 2:1

Gives the requirements for heat shrinkable sleeving, general purpose, flexible, cross-linked polyvinylchloride (PVC). It is normally available in bore sizes up to 50 mm.

Keel: en

Alusdokumendid: IEC 60684-3-201:1991; HD 523.3.201 S1:1993

Tühistamisküsitluse lõppkuupäev: 13.11.2020

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 15085-2:2020

Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer

Eeldatav avaldamise aeg Eesti standardina 12.2020

EN ISO 22232-2:2020

Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 2: Probes (ISO 22232-2:2020)

Eeldatav avaldamise aeg Eesti standardina 01.2021

EN ISO 3104:2020

Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:2020)

Eeldatav avaldamise aeg Eesti standardina 12.2020

AVALDATUD EESTIKEELSE STANDARDIPARANDUSED

Selles rubriigis avaldame teavet Eesti standardite paranduste koostamise kohta. Standardiparandus koostatakse toimetusslikku laadi vigade (trükivead jms) kõrvaldamiseks standardist. Eesti standardi paranduse tähis koosneb standardi tähisest ja selle lõppu lisatud tähtedest AC.

Näiteks standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ. Parandatud standardi tähis ei muutu.

EVS-EN 1996-1-1:2005+A1:2012+NA:2013/AC2:2020

Eurokoodeks 6: Kivikonstruktsioonide projekteerimine. Osa 1-1: Üldreeglid sarrustatud ja sarrustamata kivikonstruktsioonide projekteerimiseks

Eurocode 6 - Design of masonry structures - Part 1-1: General rules for reinforced and unreinforced masonry structures

UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS 875-11:2020

Vara hindamine. Osa 11: Võrdlusmeetod Property valuation - Part 11: Sales Comparison Approach

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvara-, ehitus- ja keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb võrdlusmeetodi kasutamise eesmäärke ja võimalusi, sh kvantitatiivse ja kvalitatiivse kohandamise ning statistilisi võtteid.

EVS-EN 197-2:2020

Tsement. Osa 2: Toimivuse püsivuse hindamine ja kontrollimine Cement - Part 2: Assessment and verification of constancy of performance

See dokument määrab kindlaks skeemi tsementide toimivuse püsivuse (AVCP) hindamiseks ja kontrollimiseks, kaasa arvatud toimivuse püsivuse sertifitseerimine. See dokument annab tehnilised reeglid tootjapoolseks tehase tootmisohjeks, hõlmates tehases võetud proovide edasist katsetamist (sisekontrollkatsetamist) ja tsemendi toimivuse hindamist, tehase ja tehase tootmisohje esmast kontrollimist, tehase tootmisohje pidevat järelevalvet, hindamist ja kontrollimist ning proovide auditeeritud katsetamist. Ühtlasi annab see reeglid, kuidas toimida mittevastavuse puhul ning esitab nõuded ladudele. Selles dokumendis kasutatakse sõna „tsement“ nii standardis EN 197-1 määratletud harilike tsementide kui ka teiste tsementide ja sideainete kohta, mille asjakohastes tootestandardites viidatakse sellele dokumendile ning mis kuuluvad sertifitseerimisele. Nimetatud tsemendid on toodetud teatud tehases ning klassifitseeritud kindla tüübi ja tugevusklassi järgi asjakohase tootestandardi määratluse ja spetsifikatsiooni kohaselt. Tehnilises aruandes CEN/TR 14245 [1] toodud juhised sisaldavad teavet selle dokumendi rakendamise kohta. See dokument on vastavuses tsemendi ja sideainete käsitlevate Euroopa standardite lisadega ZA, st EN 197 1, EN 14216, EN 14647, EN 413-1 ja EN 15743. MÄRKUS Selle eraldiseisva dokumendi koostamise põhjus oli selles toodud käsitluste kasutusvõimalus eri toodetega, mis on kaetud eri Euroopa standarditega.

EVS-EN 527-1:2011

Büroomööbel. Töölauad ja puldid. Osa 1: Mõõtmed Office furniture - Work tables and desks - Part 1: Dimensions

See Euroopa standard määratleb töölaudade ja puldide mõõtmed kontoritööde jaoks, mida tehakse istuvas, istuvas-seisvas või seisvas asendis. See ei hõlma mõõtmeid mahutusmööblile ega muudele kontoriruumides asuvatele laudadele ega vastuvõtulaudade mõõtmeid.

EVS-EN 60335-2-27:2014/A1:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009/A1:2012, modified)

Standardi EN 60335-2-27:2013 muudatus

EVS-EN 60335-2-27:2014/A2:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure optical radiation (IEC 60335-2-27:2009/A2:2015, modified)

Standardi EN 60335-2-27:2013 muudatus

EVS-EN 60335-2-27:2014+A1+A2:2020

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009, modified + IEC 60335-2-27:2009/A1:2012, modified + IEC 60335-2-27:2009/A2:2015, modified)

Osa 1 peatükk „Käsitlusala“ on asendatud alljärgneva. See rahvusvaheline standard käsitleb elektriseadmete ohutust, kui need sisaldavad optilisel kiirgusel (lainepikkusega 100 nm kuni 1 mm) põhinevaid naha kiiritamiseks kasutatavaid kiirgureid ja on ette nähtud kasutamiseks majapidamis- või muudes taolistes paikades, kusjuures seadmete tunnuspinge on ühefaasiliste seadmete puhul kuni 250 V ja muude seadmete puhul kuni 480 V. Selle standardi käsitlusalasse kuuluvad ka seadmed, mis ei ole ette nähtud normaalseks olmeliseks kasutamiseks, kuid mis sellegipärast võivad inimesi ohustada, nt seadmed, mis on ette nähtud

kasutamiseks päevitus- ja ilusalongides või muudes taolistes ettevõtetes. See standard käsitleb tegelikult võimalikul määral sellistest seadmetest tulenevaid tavalisi ohtusid, millega puutuvad kokku inimesed, kes kasutavad seadmeid päevitus- ja ilusalongides ja muudes taolistes ettevõtetes või kodus. Üldiselt ei arvesta see aga — seadmega mängivaid lapsi, — seadme kasutamist laste poolt. On tõdetud, et väga kaitsetutel isikutel võib olla erivajadusi üle selles standardis käsitletud tasemete. MÄRKUS 101 Tuleb pöörata tähelepanu asjaolule, et — seadmete kohta, mis on ette nähtud kasutamiseks sõidukites, laevadel või lennukites, võib vaja olla rakendada lisanõudeid; — mitmetes maades on riiklikud tervishoiu-, töökaitse- ja muud taolised ametkonnad kehtestanud lisanõudeid; — mõistlikul viisil saab rakendada standardit IEC 60598-1. MÄRKUS 102 Seda standardit ei rakendata — naha- või juuksehooldusseadmete kohta (IEC 60335-2-23); — sauna kuumutusseadmete ja infrapunakabiinide kohta (IEC 60335-2-53); — lasereid ja intensiivvalgusallikaid sisaldavate kosmeetika- ja iluhoideseadmete kohta (IEC 60335-2-113)4; — meditsiinotstarbeliste seadmete kohta (IEC 60601); — seadmete kohta, mis kasutavad ultraviolettkiirgust muul otstarbel kui naha päevitamiseks; — seadmete kohta, mis on ette nähtud kasutamiseks paikades, kus ülekaalus on eriolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aur või gaas).

EVS-EN ISO 10240:2020

Väikelaevad. Omaniku käsiraamat

Small craft - Owner's manual (ISO 10240:2019) (Corrected version 02.2020)

Selles dokumendis täpsustatakse väikelaevade omaniku käsiraamatusse lisatavad nõuded ja teave, et omanik/käitaja saaks laeva ohutult kasutada.

EVS-EN ISO 14341:2020

Keevitusmaterjalid. Keevitustraadid ja keevismetallid legerimata ja peenterateraste kaarkeevituseks kaitsegaasis. Liigitus

Welding consumables - Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels - Classification (ISO 14341:2020)

Selles dokumendis määratletakse nõuded keevitustraadide ja keevismetallide liigitamiseks keevitusjärgses seisundis ja keevitusjärgse termotötluse järgses seisundis legerimata ja peenterateraste, millel on minimaalne voolavuspiir kuni 500 MPa või minimaalne tõmbetugevus kuni 570 MPa, kaarkeevitamisele kaitsegaasis. Üks keevitustraad võib olla katsetatud ja liigitatud eri kaitsegaasidega. See dokument sisaldab kombineeritud määratlust, andes liigituse, mis kasutab keevismetalli voolavuspiiril ja keskmisel purustustööl 47 J põhinevat süsteemi või keevismetalli tõmbetugevusel ja keskmisel purustustööl 27 J põhinevat süsteemi. a) Liitega „A“ jaotised ja tabelid on rakendatavad ainult keevitustraadidele, mis on vastavuses selle dokumendiga liigitatud keevismetalli voolavuspiiril ja keskmisel löögisitkusel 47 J põhineva süsteemi järgi. b) Liitega „B“ jaotised ja tabelid on rakendatavad ainult keevitustraadidele, mis on vastavuses selle dokumendiga liigitatud keevismetalli tõmbetugevusel ja keskmisel löögisitkusel 27 J põhineva süsteemi järgi. c) Ilma liiteta „A“ või „B“ jaotised ja tabelid on rakendatavad kõikidele keevitustraadidele, mis on liigitatud selle dokumendi kohaselt.

EVS-EN ISO 15083:2020

Väikelaevad. Pilsipumbasüsteemid

Small craft - Bilge-pumping systems (ISO 15083:2020)

Selles dokumendis täpsustatakse nõuded pumpamisele või alternatiivsetele vahenditele, mis on ette nähtud normaalselt kogunenud pilsivee eemaldamiseks väikelaevadelt, mille kerepikkus LH, nagu on standardis ISO 8666:2016 määratletud, on kuni 24 m. Selles dokumendis pole sätestatud nõudeid pilsipumpadele või pilsipumbasüsteemidele, mis on ette nähtud kahjustuste kontrollimiseks.

EVS-EN ISO 19650-3:2020

Hoonete ja rajatistega seotud info, sealhulgas ehitusinformatsiooni modelleerimise (BIM)

korraldamine ja digitaliseerimine. Infohaldus ehitusinformatsiooni modelleerimise abil. Osa 3:

Varade käitamisetapp

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 3: Operational phase of the assets (ISO 19650-3:2020)

See dokument määrab kindlaks nõuded infohaldusele haldusprotsessi vormis varade käitamisetapi ja selles sisalduva infovahetuse kontekstis, kasutades selleks ehitusinformatsiooni modelleerimist. Seda dokumenti saab rakendada igat liiki varadele ning seda saavad teha varade käitamisetapiga seotud igat tüüpi ja suurusega organisatsioonid. Selles dokumendis esitatud nõudeid on võimalik täita kõnealuse organisatsiooni otseste meetmete abil või saab neid delegeerida teisele osalistele.

EVS-EN ISO 22232-1:2020

Mittepurustav katsetamine. Ultrahelikatseadmete määramine ja kontrollimine. Osa 1:

Seadmed

Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 1: Instruments (ISO 22232-1:2020)

Selles dokumendis määratletakse meetodid ja aktsepteerimiskriteeriumid sagedusvahemikus 0,5 MHz kuni 15 MHz, et hinnata digitaalsete impulssrežiimiga ultraheliseadmete elektrilist suutlikkust A-skaneerimise kuvaga ning et teha manuaalseid mittepurustavaid ultrahelikatsetusi ühe- või kahemuunduriliste sondidega. See dokument on kohaldatav ka mitme kanaliga (multi-channel) seadmetele. Seda dokumenti saab osaliselt kohaldada ka ultraheliseadmetele automatiseeritud süsteemides, kuid teised katsed võivad olla vajalikud, et tagada rahuldav jõudlus. See dokument ei hõlma pideva lainega (continuous waves) ultraheliseadmeid. See dokument välistab ka faseeritud ultraheliseadmed (ultrasonic phased array instruments), vt nt ISO 18563-

1. Kui faseeritud seadmel (phased array instrument) on spetsiaalsed ühendused ühe- või kahemuunduriliste sondide jaoks, on see dokument nendele kanalitele rakendatav.

EVS-EN ISO 3166-1:2020

Maade ja nende jaotiste nimetuste tähised. Osa 1: Maatähised Codes for the representation of names of countries and their subdivisions - Part 1: Country code (ISO 3166-1:2020)

See dokument annab põhilised juhised maatähiste rakendamiseks ja haldamiseks. Tähised on mõeldud kasutamiseks mis tahes rakendustes, milles vajatakse kehtivate maanimede esitust kodeeritult.

EVS-EN ISO 6887-3:2017/A1:2020

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 3: Kala ja kalatoodete ettevalmistamise erieeskirjad. Muudatus 1: Toorete meretigude proovide ettevalmistamine Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products - Amendment 1: Sample preparation for raw marine gastropods (ISO 6887-3:2017/Amd 1:2020)

Standardi EVS-EN ISO 6887-3:2017 muudatus.

EVS-EN ISO 6887-3:2017+A1:2020

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 3: Kala ja kalatoodete ettevalmistamise erieeskirjad Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products (ISO 6887-3:2017 + ISO 6887-3:2017/Amd 1:2020)

Selles dokumendis on määratletud kala ja kalatoodete proovide ja nende suspensioonide mikrobioloogiliseks uuringuks ettevalmistamise eeskirjad, juhul kui proovid vajavad standardis ISO 6887-1 kirjeldatud üldmeetoditest erinevat ettevalmistust. Standardis ISO 6887-1 on määratletud mikrobioloogilise uuringu algsuspensiooni ja lahjenduste valmistamise üldeeskirjad. See dokument hõlmab eriprotseduure tooreste molluskite, mantelloomad ja okasnahksete proovide võtmiseks esmatootmisaladel. MÄRKUS 1 Tooreste molluskite, mantelloomad ja okasnahksete proovide võtmine esmatootmisaladel on kirjeldatud selles dokumendis, mitte standardis ISO 13307, milles on määratletud proovivõtmise eeskirjad maapealsel esmatootmistasandil. See dokument ei sisalda proovide ettevalmistamist arvuliseks määramiseks ja tuvastamise meetoditeks, mille korral on ettevalmistamise üksikasjad kirjeldatud vastavates rahvusvahelistes standardites (nt ISO/TS 15216-1 ja ISO/TS 15216-2 A-hepatiidi viiruse ja noroviiiruse määramiseks toidus, kasutades reaalaaja RT-PCR meetodit). See dokument on ette nähtud kasutamiseks koos standardiga ISO 6887-1. See on rakendatav järgmistele tooretele, töödeldud või külmutatud kaladele ja koorikloomadele ning nende toodetele (peamiste taksonite klassifikatsiooni kohta vt lisa A): a) Toored kalatooted, molluskid, mantelloomad ja okasnahksed, sealhulgas — terve kala või filee, nahaga või nahata, peaga või peata ning roogitud; — terved või kooritud koorikloomad; — peajalgseid; — kahepoolmelised molluskid; — teod; — mantelloomad ja okasnahksed. b) Töödeldud tooted, sealhulgas — suitsukala, terve või filee, nahaga või nahata; — kuumtöödeldud või osaliselt kuumtöödeldud terved või kooritud koorikloomad, molluskid, mantelloomad ja okasnahksed; — kuumtöödeldud või osaliselt kuumtöödeldud kala ja kalapõhised mitut koostisosa sisaldavad tooted. c) Toores või kuumtöödeldud külmutatud kala, koorikloomad, molluskid ja teised, kas plokkidena või teisiti, sealhulgas — kala, kalafilee ja tükid; — terved ja kooritud koorikloomad (nt tükeldatud krabi, garneelid), molluskid, mantelloomad ja okasnahksed. MÄRKUS 2 Nendest proovidest tehtud analüüside eesmärk võib olla kas hügieeniseisundi määramine või kvaliteedikontroll. Selles dokumendis kirjeldatud proovivõtumeetodid sobivad peamiselt hügieeniseisundi määramiseks (lihaskudedele).

EVS-ISO/IEC/IEEE 90003:2020

Tarkvaratehnika. Juhised standardi ISO 9001:2015 rakendamiseks tarkvarale Software engineering - Guidelines for the application of ISO 9001:2015 to computer software (ISO/IEC/IEEE 90003:2018, identical)

ISO 9001:2015 "Kvaliteedijuhtimissüsteemid. Nõuded" käsitusala: See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, selle tüübist, suurusest või tarnitavatest toodetest ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetenähtena. ISO/IEC/IEEE 90003:2020 annab organisatsioonidele juhiseid standardi ISO 9001:2015 rakendamiseks tarkvara ja sellega seotud tugiteenuste hankimisele, tarnimisele, väljatöötamisele, eksploatatsioonile ja hooldusele. Ta ei täienda ega muuda mingil muul viisil standardi ISO 9001:2015 nõudeid. Lisa A esitab tabeli, mis viitab standardi ISO 9001:2015 rakendamise lisajuhistele, mida võib leida ISO/IEC JTC 1/SC 7, ISO/IEC JTC 1/SC 27 ja ISO/TC 176 rahvusvahelistest standarditest. Selles dokumendis esitatud juhised pole mõeldud kasutamiseks hindamiskriteeriumidena kvaliteedihaldussüsteemi registreerimisel või sertifitseerimisel. Mõni organisatsioon võib siiski pidada vajalikuks selles dokumendis pakutud juhiste rakendamist ja võib olla huvitatud sellest, kas

tulemusena saadud kvaliteedihaldussüsteem vastab sellele dokumendile või ei vasta. Sel juhul saab organisatsioon tarkvaravaldkonna kvaliteedihaldussüsteemide hindamiskriteeriumidena kasutada nii seda dokumenti kui ka standardit ISO 9001.

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 60335-2-27:2014	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha ultraviolet- ja infrapunakiiritusseadmetele	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-27: Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel
EVS-EN 60335-2-27:2014	Household and similar electrical appliances - Safety -- Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation	Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation

UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 197-2:2020	Cement - Part 2: Assessment and verification of constancy of performance	Tsement. Osa 2: Toimivuse püsivuse hindamine ja kontrollimine