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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

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ASUTATUD, PEATATUD JA LÕPETATUD KOMITEED

EVS/PK 70 „Ehitiste projekteerimise ja ehitustööde riigihangete korraldamine“ asutamine

Komitee tähis: EVS/PK 70

Komitee nimi: Ehitiste projekteerimise ja ehitustööde riigihangete korraldamine

Komitee asutamise kuupäev: 09.05.2018

Komitee eesmärk: Standardi EVS 915:2012 „Ehitustööde ja ehitiste projekteerimise riigihangete korraldamine“ uustöötuse koostamine.

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 12216:2018

Luugid, väli- ja siserulood. Terminoloogia, sõnastik ja määratlused Shutters, external blinds, internal blinds - Terminology, glossary and definitions

This European Standard details the general terminology for internal blinds, external blinds and shutters as they are normally used and applied to buildings. Internal blinds, external blinds and shutters are covered by product standards EN 13120, EN 13561 and EN 13659, respectively. This European Standard does not apply to industrial, commercial or garage doors. NOTE The figures in this standard are solely for the purpose of terminology and should not be seen as recommendations for design, construction etc.

Keel: en

Alusdokumendid: EN 12216:2018

Asendab dokumenti: EVS-EN 12216:2002

EVS-EN ISO 9687:2015/A1:2018

Dentistry - Graphical symbols for dental equipment (ISO 9687:2015/Amd 1:2018)

ISO 9687:2015 specifies graphical symbols for dental equipment. It is intended that the symbols are to be used on the appropriate piece of dental equipment and in documents pertaining to dental equipment, for example in instructions for use, marking, labelling and technical product documentation.

Keel: en

Alusdokumendid: ISO 9687:2015; EN ISO 9687:2015/A1:2018

Muudab dokumenti: EVS-EN ISO 9687:2015

EVS-IEC 60050(702):2001/A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992/AMD3:2017)

Muudatus standardile EVS-IEC 60050(702):2001.

Keel: et-en

Alusdokumendid: IEC 60050-702:1992/AMD3:2017

Muudab dokumenti: EVS-IEC 60050(702):2001

EVS-IEC 60050(702):2001+A1+A2+A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992 + IEC 60050-702:1992/AMD1:2016 + IEC 60050-702:1992/AMD2:2016 + IEC 60050-702:1992/AMD3:2017)

Standardi IEC 60050 see osa annab peamised võnkumiste, signaalide ja vastavate seadmete alased terminid.

Keel: et-en

Alusdokumendid: IEC 60050-702:1992; IEC 60050-702:1992/AMD1:2016; IEC 60050-702:1992/AMD2:2016; IEC 60050-702:1992/AMD3:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A1:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A2:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A3:2018

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

EVS-ISO 21001:2018

Haridusasutused. Haridusasutuste juhtimissüsteemid. Nõuded koos kasutusjuhistega Educational organizations - Management systems for educational organizations - Requirements with guidance for use (ISO 21001:2018, identical)

See dokument spetsifitseerib nõuded haridusasutuste juhtimissüsteemile juhaks, kui selline organisatsioon a) peab näitama oma suutlikkust toetada kompetentsuse omandamist ja arendamist õpetamise, õppimise või uurimistegevuse kaudu ning b) püüab suurendada õppijate, teiste kasusaajate ja töötajate rahulolu haridusasutuste juhtimissüsteemi mõjusa rakendamise kaudu, sealhulgas süsteemi parandamise protsessid ning õppijate ja teiste kasusaajate nõuetele vastavuse tagamine. Kõik selle dokumendi nõuded on üldised ja mõeldud kohaldamiseks mis tahes organisatsioonile, mis kasutab õppekava, et toetada kompetentsuse arengut õpetamise, õppimise ja uurimistegevuse kaudu, selle tüübist, suurusest või õpetamise meetoditest sõltumata. Seda dokumenti saavad kohaldada ka haridusasutused suuremates organisatsioonides, kelle põhitegevus ei ole haridusteenuse osutamine, nagu erialast väljaõpet pakuvad osakonnad. See dokument ei rakendu organisatsioonidele, mis ainult valmistavad haridustooteid.

Keel: en
Alusdokumendid: ISO 21001:2018

11 TERVISEHOOLDUS

EVS-EN 50527-2-2:2018

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 2-2: Specific assessment for workers with cardioverter defibrillators (ICDs)

This European Standard provides the procedure for the specific assessment required in Annex A of EN 50527 1:2015 for workers with implanted cardioverter defibrillators. It offers different approaches for doing the risk assessment. The most suitable one shall be used. If the worker has other Active Implantable Medical Devices (AIMDs) implanted additionally, they have to be assessed separately.

Keel: en
Alusdokumendid: EN 50527-2-2:2018

EVS-EN ISO 10139-1:2018

Dentistry - Soft lining materials for removable dentures - Part 1: Materials for short-term use (ISO 10139-1:2018)

ISO 10139-1:2018 specifies requirements for the physical properties, test methods, packaging, marking and manufacturer's instructions for soft denture lining materials suitable for short-term use, including functional impression taking using existing removable prosthesis.

Keel: en
Alusdokumendid: ISO 10139-1:2018; EN ISO 10139-1:2018
Asendab dokumenti: EVS-EN ISO 10139-1:2005
Asendab dokumenti: EVS-EN ISO 10139-1:2005/AC:2013

EVS-EN ISO 11979-10:2018

Ophthalmic implants - Intraocular lenses - Part 10: Clinical investigations of intraocular lenses for correction of ametropia in phakic eyes (ISO 11979-10:2018)

ISO 11979-10:2018 specifies requirements for any intraocular lenses to be implanted in the anterior segment of the eye with the primary indication to modify its refractive power. There are three main categories of phakic intraocular lenses depending on the optical design: a) Phakic monofocal (PIOL); b) Phakic multifocal (PMIOL); and c) Phakic toric (PTIOL). Each of these categories is further designated for implantation in either the anterior or posterior chamber of the anterior segment of the eye. The basic phakic IOL requirements apply to all the types. Additional requirements apply to PMIOL and PTIOL designs. ISO 11979-10:2018 addresses specific clinical requirements for phakic IOLs that are not addressed in the other parts of ISO 11979.

Keel: en
Alusdokumendid: ISO 11979-10:2018; EN ISO 11979-10:2018
Asendab dokumenti: EVS-EN ISO 11979-10:2006
Asendab dokumenti: EVS-EN ISO 11979-10:2006/A1:2014

EVS-EN ISO 11979-7:2018

Ophthalmic implants - Intraocular lenses - Part 7: Clinical investigations of intraocular lenses for the correction of aphakia (ISO 11979-7:2018)

ISO 11979-7:2018 specifies the particular requirements for the clinical investigations of intraocular lenses that are implanted in the eye in order to correct aphakia.

Keel: en
Alusdokumendid: ISO 11979-7:2018; EN ISO 11979-7:2018
Asendab dokumenti: EVS-EN ISO 11979-7:2014

EVS-EN ISO 12870:2018

Oftalmiline optika. Prilliraamid. Nõuded ja katsemeetodid Ophthalmic optics - Spectacle frames - Requirements and test methods (ISO 12870:2016)

ISO 12870:2016 specifies fundamental requirements for unglazed spectacle frames designed for use with all prescription lenses. It is applicable to frames at the point of sale by the manufacturer or supplier to the retailer. This International Standard is applicable to all spectacle frame types, including rimless mounts, semi-rimless mounts and folding spectacle frames. It is also applicable to spectacle frames made from natural organic materials. NOTE See Annex A for recommendations on the design of spectacle frames. ISO 12870:2016 is not applicable to complete custom-made spectacle frames or to products designed specifically to provide personal eye protection.

Keel: en
Alusdokumendid: ISO 12870:2016; EN ISO 12870:2018
Asendab dokumenti: EVS-EN ISO 12870:2014

EVS-EN ISO 5832-2:2018

Implantaadid kirurgias. Metallmaterjalid. Osa 2: Legeerimata titaan Implants for surgery - Metallic materials - Part 2: Unalloyed titanium (ISO 5832-2:2018)

ISO 5832-2:2018 specifies the characteristics of, and corresponding test methods for, unalloyed titanium for use in the manufacture of surgical implants. Six grades of titanium based on tensile strength are listed in Table 2. NOTE The mechanical properties of a sample obtained from a finished product made of this metal do not necessarily comply with those specified in ISO 5832-2:2018.

Keel: en

Alusdokumendid: ISO 5832-2:2018; EN ISO 5832-2:2018

Asendab dokumenti: EVS-EN ISO 5832-2:2012

EVS-EN ISO 9687:2015/A1:2018

Dentistry - Graphical symbols for dental equipment (ISO 9687:2015/Amd 1:2018)

ISO 9687:2015 specifies graphical symbols for dental equipment. It is intended that the symbols are to be used on the appropriate piece of dental equipment and in documents pertaining to dental equipment, for example in instructions for use, marking, labelling and technical product documentation.

Keel: en

Alusdokumendid: ISO 9687:2015; EN ISO 9687:2015/A1:2018

Muudab dokumenti: EVS-EN ISO 9687:2015

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CWA 17260:2018

Guidelines on evaluation systems and schemes for physical security products

This CEN Workshop Agreement provides guidelines on how to design certification systems and schemes for physical security products and presents a framework in which these systems and schemes can be upheld. Physical security products include products which provide protection of people, property and infrastructure from acts of malicious intent, such as physical attacks. It does not cover IT or cyber security and does not include products for safety, for instance protection from natural disasters. This CWA focuses on schemes for standalone security products and system components rather than systems and services based on these products and components. Whilst there are several types of performance indicator for physical security products, this CWA focuses on their functional performance, not on aspects such as interoperability and environmental factors. Functional performance encompasses the security performance features of these products where sophisticated testing is often required. Schemes may also include other types of requirement such as interoperability, reliability, usability and resistance to unauthorised tampering. The framework is based on the ISO/IEC 17000 standards series, supplemented with features that take account for the particular nature of security products: — Realistic and adversarial testing; — Continually evolving threat; — Security sensitivity; — Diverse range of products and applications. The wide range of types of product and application, the need to operate in both regulated and unregulated environments as well as physical security products with very different maturity and market sizes, means that a range of different types of certification scheme are needed. Hence, the framework comprises a top-level structure with certification systems for performance measurement as well as systems for assessment of conformity with threshold performance requirements. This CWA targets stakeholders in the physical security product area such as user organisations and manufacturers; standards and certification bodies; governments and regulators who are involved in policy, setting up, operating and maintaining schemes. Before new or additional standards and certification schemes are developed, a full impact assessment should be conducted to justify the need for standards and the potential costs incurred. Any certification schemes and standards for physical security products must: — be operationally practical and proportionate to the threat that they seek to address, and be targeted to and tested in the real environment in which they are to be implemented in a manner relevant to the security threats in the applications where they will be implemented. — not add unnecessary costs or delays for equipment manufacturers, or risk impairing Europe's capacity to swiftly develop, adapt or deploy equipment that can combat emerging security threats.

Keel: en

Alusdokumendid: CWA 17260:2018

EVS 812-7:2018

Ehitiste tuleohutus. Osa 7: Ehitisele esitatavad tuleohutusnõuded Fire safety of constructions - Part 7: Fire safety requirements for the building

See standard annab selgitused ja tüüplahendused standardolukordade lahendamiseks ehituslike tuleohutusnõuete määrusega kehtestatud oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Eriahenduste sobivust on endiselt võimalik analüütiliselt tõendada, kui on tagatud oluliste tuleohutusnõuete minimaalne tase. Standard EVS 812-7 ei käsitlen põhjalikult ehituslikke nõudeid ehitistele ja tuleohutuspäigaldistele, mis on juba kaetud standardi, tehnilise spetsifikatsiooni või määrusega.

Keel: et

Asendab dokumenti: EVS 812-7:2008

Asendab dokumenti: EVS 812-7:2008/AC:2011

Asendab dokumenti: EVS 812-7:2008/AC:2016

EVS 812-8:2018

Ehitiste tuleohutus. Osa 8: Kõrghoonete tuleohutus Fire safety of constructions - Part 8: Fire safety of high-rise buildings

Selles Eesti standardis käsitletakse kõrghoonete tuleohutust, välja arvatud aatriumruumidega hooned.

Keel: et
Asendab dokumenti: EVS 812-8:2011

EVS-EN 1366-11:2018

Fire resistance tests for service installations - Part 11: Fire protective systems for cable systems and associated components

This European Standard describes the method to evaluate the performance of protective systems for electrical cable and busbar systems in order to maintain the circuit integrity under fire conditions to classify the protective system according to EN 13501-3 for the P classification. The test examines the behaviour of cable protection systems exposed to fire from outside. The tests specified in this standard are not aimed for assessing the performance of the fire protective system and the penetration seal for maintaining the requirements of the penetrated wall or ceiling (classification E / I). This method is very different to EN 50200 for the PH classification and also to IEC 60331-11, IEC 60331-21, IEC 60331-23, and IEC 60331-25, which are not designed for fire protective systems for electrical cable systems. This standard should be used in conjunction with EN 1363-1. The test results apply to fire protective systems for electrical cable systems rated for voltages up to 1 kV. The test procedure should also be used to determine the performance of protective systems for use with data and optical cables, however, verification procedures for such cables are still under development. Proposals are given in Annex C. The protective system may include ventilation devices, inspection hatches, fixed or removable lids etc. The tests specified in this standard are not aimed for assessing the performance of sprayed or painted coatings (e.g. intumescent or ablative coating, plastic film, epoxy resin) and similar protective layers (e.g. wrap, bandage) applied directly on the cables or bus bars as fire protective system. Also, cables and bus bars with intrinsic resistance to fire, and without fire protective systems around, are excluded (see CENELEC standard EN 50577). This test method is not applicable for cabinets for electrical accessory containing bus systems, relays or similar.

Keel: en
Alusdokumendid: EN 1366-11:2018

EVS-EN 689:2018

Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values

This European Standard specifies a strategy to perform representative measurements of exposure by inhalation to chemical agents in order to demonstrate the compliance with occupational exposure limit values (OELVs). This European Standard is not applicable to OELVs with reference periods less than 15 min.

Keel: en
Alusdokumendid: EN 689:2018
Asendab dokumenti: EVS-EN 689:1999

EVS-EN 81-28:2018

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kaupade transpordiks mõeldud liftid. Osa 28: Sõidu- ja kaubaliftide kaugside-häiresüsteem

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 European Standard applies to alarm systems for all types of passenger and goods passenger lifts, in particular those covered in the EN 81 series. This European Standard also deals with the minimum information to be provided as part of the instruction manual related to maintenance and the rescue service. This European Standard deals with the following significant hazard relevant to lifts when they are used as intended and under the conditions foreseen by the installer/manufacture: - entrapment of users due to the lift not working properly. This European Standard is not applicable to alarm systems intended to be used to call for help in other cases, e.g. heart attack, seeking information. This European Standard is applicable to alarm systems used for lifts manufactured and installed after the date of publication by CEN of this standard. However, this European Standard can be taken into account when applied to existing lifts. EN 81-70 gives additional requirements for persons with disabilities (e.g. inductive loop, alarm button).

Keel: en
Alusdokumendid: EN 81-28:2018
Asendab dokumenti: EVS-EN 81-28:2003

EVS-EN ISO 18640-2:2018

Protective clothing for firefighters - Physiological impact - Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters (ISO 18640-2:2018)

This European standard describes a thermophysiological model (thermal human simulator) that uses the output data of the first part to obtain physiological heat load criteria that predicts the (maximal) duration of work in the protective clothing in fire fighters' relevant conditions. NOTE The human simulator method using the Sweating Torso (i.e. coupling of the instrumented manikin with a thermo-physiological feedback model) is validated for different scenarios by comparison to human subject trials (1, 2). The scenarios also included warm and hot environments as can be expected for firefighter applications. Core temperature, being one of the most important physiological variables, and mean skin temperature, which is a useful indicator of thermal comfort sensation and of the overall condition of the body, are chosen as relevant physiological parameters for the thermophysiological human simulator.

Keel: en
Alusdokumendid: ISO 18640-2:2018; EN ISO 18640-2:2018

EVS-EN ISO 19085-1:2017/AC:2018

Puidutöötlemismasinad. Ohutus. Osa 1: Ühtsed nõuded

Woodworking machines - Safety - Part 1: Common requirements (ISO 19085-1:2017)

Parandus standardile EN ISO 19085-1:2017

Keel: en

Alusdokumendid: EN ISO 19085-1:2017/AC:2018

Parandab dokumenti: EVS-EN ISO 19085-1:2017

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 50527-2-2:2018

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 2-2: Specific assessment for workers with cardioverter defibrillators (ICDs)

This European Standard provides the procedure for the specific assessment required in Annex A of EN 50527 1:2015 for workers with implanted cardioverter defibrillators. It offers different approaches for doing the risk assessment. The most suitable one shall be used. If the worker has other Active Implantable Medical Devices (AIMDs) implanted additionally, they have to be assessed separately.

Keel: en

Alusdokumendid: EN 50527-2-2:2018

EVS-EN 62053-11:2003/A1:2017/AC:2018

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 11: Elektromehaanilised aktiivenergiaarvestid (klassid 0,5, 1 ja 2)

Electricity metering equipment (a.c.) - Part 11: Electromechanical meters for active energy (classes 0,5, 1 and 2)

Parandus standardile EN 62053-11:2003/A1:2017

Keel: en

Alusdokumendid: IEC 62053-11:2003/A1:2016/COR1:2018; EN 62053-11:2003/A1:2017/AC:2018-05

Parandab dokumenti: EVS-EN 62053-11:2003/A1:2017

EVS-EN 62053-21:2003/A1:2017/AC:2018

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 21: Staatilised aktiivenergiaarvestid (klassid 1 ja 2)

Electricity metering equipment (a.c.) - Part 21: Static meters for active energy (classes 1 and 2)

Parandus standardile EN 62053-21:2003/A1:2017

Keel: en

Alusdokumendid: IEC 62053-21:2003/A1:2016/COR1:2018; EN 62053-21:2003/A1:2017/AC:2018-05

Parandab dokumenti: EVS-EN 62053-21:2003/A1:2017

EVS-EN 62053-22:2003/A1:2017/AC:2018

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 22: Staatilised aktiivenergia arvestid (klass 0,2 S ja 0,5 S)

Electricity metering equipment (a.c.) - Part 22: Static meters for active energy (classes 0,2 S and 0,5 S)

Parandus standardile EN 62053-22:2003/A1:2017

Keel: en

Alusdokumendid: IEC 62053-22:2003/A1:2016/COR1:2018; EN 62053-22:2003/A1:2017/AC:2018-05

Parandab dokumenti: EVS-EN 62053-22:2003/A1:2017

EVS-EN 62053-23:2003/A1:2017/AC:2018

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 23: Staatilised reaktiivenergia arvestid (klass 2 ja 3)

Electricity metering equipment (a.c.) - Part 23: Static meters for reactive energy (classes 2 and 3)

Parandus standardile EN 62053-23:2003/A1:2017

Keel: en

Alusdokumendid: IEC 62053-23:2003/A1:2016/COR1:2018; EN 62053-23:2003/A1:2017/AC:2018-05

Parandab dokumenti: EVS-EN 62053-23:2003/A1:2017

EVS-EN 62053-24:2015/A1:2017/AC:2018

Vahelduvvoolu-mõõteseadmed. Erinõuded. Osa 24: Staatilised põhisagedus-reaktiivenergiaarvestid (klassid 0,5 S, 1 S ja 1)

Electricity metering equipment (a.c.) - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)

Parandus standardile EN 62053-24:2015/A1:2017

Keel: en

Alusdokumendid: IEC 62053-24:2014/A1:2016/COR1:2018; EN 62053-24:2015/A1:2017/AC:2018-05

Parandab dokumenti: EVS-EN 62053-24:2015/A1:2017

19 KATSETAMINE

EVS-EN IEC 60068-3-6:2018/AC:2018

Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/humidity chambers

Corrigendum for EN IEC 60068-3-6:2018

Keel: en

Alusdokumendid: EN IEC 60068-3-6:2018/AC:2018-05

Parandab dokumenti: EVS-EN IEC 60068-3-6:2018

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 14399-10:2018

High-strength structural bolting assemblies for preloading - Part 10: System HRC - Bolt and nut assemblies with calibrated preload

This European Standard specifies, together with EN 14399- and EN 14399-2, the requirements for assemblies of high-strength structural bolts and nuts of system HRC suitable for preloaded joints, with hexagon head (large widths across flats), cup head or countersunk head, thread sizes M12 to M36 and property class 10.9/10. Bolting assemblies in accordance with this document have been designed to allow preloading of at least $0,7 f_{ub} \times A_s$) according to EN 1993-1-8 (Eurocode 3) and to obtain ductility predominantly by plastic elongation of the bolt. For this purpose the components have the following characteristics: - regular nut height according to (style 1), see EN ISO 4032; or - nut with height $m = 1 D$; - thread length of the bolt in accordance with ISO 888. Bolting assemblies in accordance with this document include washers according to EN 14399-6 or to EN 14399-5 (under the nut only). NOTE Attention is drawn to the importance of ensuring that the bolting assemblies are correctly used if a satisfactory result is to be obtained. For recommendations concerning proper application, reference to EN 1090-2 is made. General requirements and requirements for suitability for preloading are specified in EN 14399-2 and in Clause 8 of this document.

Keel: en

Alusdokumendid: EN 14399-10:2018

Asendab dokumenti: EVS-EN 14399-10:2009

EVS-EN 14399-9:2018

High-strength structural bolting assemblies for preloading - Part 9: System HR or HV - Direct tension indicators for bolt and nut assemblies

This European Standard specifies, together with EN 14399-1 and EN 14399-2, the requirements for direct tension indicators, nut face washers (HN) and bolt face washers (HB) as part of high-strength structural bolting assemblies suitable for preloaded joints. These direct tension indicators are specified as part of high-strength structural bolting assemblies of system HR or HV in accordance with EN 14399-3, EN 14399-4, EN 14399-7 or EN 14399-8, with nominal thread sizes M12 up to and including M36 and property classes 8.8/8 or 8.8/10 and 10.9/10. It specifies two property designations H8 and H10 for direct tension indicators, together with general dimensions, tolerances, materials and functional property/ies. Bolting assemblies in accordance with this document have been designed to allow preloading of at least $0,7 f_{ub} \times A_s$) according to EN 1993-1-8 (Eurocode 3) and to obtain ductility predominantly by plastic elongation of the bolt for system HR in accordance with EN 14399-3 or EN 14399-7, or by plastic deformation of the engaged threads for system HV in accordance with EN 14399-4 or EN 14399-8. Bolting assemblies conforming to this document may include washer(s) according to EN 14399-6 or to EN 14399-5 (under the nut only). NOTE 1 Attention is drawn to the importance of ensuring that the bolting assemblies are correctly used if satisfactory results are to be obtained. For recommendations concerning proper application, reference to EN 1090-2 is made. General requirements and requirements for suitability for preloading are specified in EN 14399-2 together with Clause 5 of this document. NOTE 2 Direct tension indicators are also known as load indicating washers.

Keel: en

Alusdokumendid: EN 14399-9:2018

Asendab dokumenti: EVS-EN 14399-9:2009

25 TOOTMISTEHNOLLOOGIA

EVS-EN 1011-8:2018

Welding - Recommendations for welding of metallic materials - Part 8: Welding of cast irons

This document specifies the requirements for fusion welding of unalloyed and low-alloy cast iron castings produced in accordance with: - EN 1561, Founding - Grey cast irons; - EN 1562, Founding - Malleable cast irons; - EN 1563, Founding - Spheroidal graphite cast irons. This document does not apply to the joint welding of cast iron castings to other materials.

Keel: en

Alusdokumendid: EN 1011-8:2018

Asendab dokumenti: EVS-EN 1011-8:2005

29 ELEKTROTEHNIKA

EVS-EN 1366-11:2018

Fire resistance tests for service installations - Part 11: Fire protective systems for cable systems and associated components

This European Standard describes the method to evaluate the performance of protective systems for electrical cable and busbar systems in order to maintain the circuit integrity under fire conditions to classify the protective system according to EN 13501-3 for the P classification. The test examines the behaviour of cable protection systems exposed to fire from outside. The tests specified in this standard are not aimed for assessing the performance of the fire protective system and the penetration seal for maintaining the requirements of the penetrated wall or ceiling (classification E / I). This method is very different to EN 50200 for the PH classification and also to IEC 60331-11, IEC 60331-21, IEC 60331-23, and IEC 60331-25, which are not designed for fire protective systems for electrical cable systems. This standard should be used in conjunction with EN 1363-1. The test results apply to fire protective systems for electrical cable systems rated for voltages up to 1 kV. The test procedure should also be used to determine the performance of protective systems for use with data and optical cables, however, verification procedures for such cables are still under development. Proposals are given in Annex C. The protective system may include ventilation devices, inspection hatches, fixed or removable lids etc. The tests specified in this standard are not aimed for assessing the performance of sprayed or painted coatings (e.g. intumescent or ablative coating, plastic film, epoxy resin) and similar protective layers (e.g. wrap, bandage) applied directly on the cables or bus bars as fire protective system. Also, cables and bus bars with intrinsic resistance to fire, and without fire protective systems around, are excluded (see CENELEC standard EN 50577). This test method is not applicable for cabinets for electrical accessory containing bus systems, relays or similar.

Keel: en

Alusdokumendid: EN 1366-11:2018

EVS-EN 60081:2002/A11:2018

Kahepoolse sokeldusega luminifoorlambid. Toimivusnõuded Double-capped fluorescent lamps - Performance specifications

Amendment for EN 60081:1998

Keel: en

Alusdokumendid: EN 60081:1998/A11:2018

Muudab dokumenti: EVS-EN 60081:2002

EVS-EN 62504:2014/A1:2018

Üldtarbevalgustus. Valgusdioodtöötud ja nendega seotud seadmed. Terminid ja määratlused General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions

Muudatus standardile EN 62504:2014

Keel: en

Alusdokumendid: IEC 62504:2014/A1:2018; EN 62504:2014/A1:2018

Muudab dokumenti: EVS-EN 62504:2014

EVS-EN IEC 60071-2:2018

Insulation co-ordination - Part 2: Application guidelines

IEC 60071-2:2018 constitutes application guidelines and deals with the selection of insulation levels of equipment or installations for three-phase electrical systems. It gives guidance for the determination of the rated withstand voltages for ranges I and II of IEC 60071-1 and to justify the association of these rated values with the standardized highest voltages for equipment. It covers three-phase systems with nominal voltages above 1 kV. It has the status of a horizontal standard in accordance with IEC Guide 108. This edition includes the following significant technical changes with respect to the previous edition: a) the annex on clearance in air to assure a specified impulse withstand voltage installation is deleted because the annex in IEC 60071-1 is overlapped; b) 4.2 and 4.3 on surge arresters are updated; c) 4.3.5 on very-fast-front overvoltages is revised. Annex J on insulation co-ordination for very-fast-front overvoltages in UHV substations is added; d) Annex H on atmospheric correction – altitude correction is added. e) Annex I on evaluation method of non-standard lightning overvoltage shape is added.

Keel: en

Alusdokumendid: IEC 60071-2:2018; EN IEC 60071-2:2018

Asendab dokumenti: EVS-EN 60071-2:2003

EVS-EN IEC 62485-1:2018

Safety requirements for secondary batteries and battery installations - Part 1: General safety information

IEC 62485-1:2015 specifies the basic requirements for secondary batteries and battery installations. The requirements regarding safety, reliability, life expectancy, mechanical strength, cycle stability, internal resistance, and battery temperature, are determined by various applications, and this, in turn, determines the selection of the battery design and technology. In general, the requirements and definitions are specified for lead-acid and nickel-cadmium batteries. For other battery systems with aqueous electrolyte, the requirements may be applied accordingly. The standard covers safety aspects taking into account hazards associated with: - electricity (installation, charging, discharging, etc.); - electrolyte; - inflammable gas mixtures; - storage and transportation.

Keel: en

Alusdokumendid: IEC 62485-1:2015; EN IEC 62485-1:2018

Asendab dokumenti: EVS-EN 50272-1:2010

EVS-EN IEC 62485-2:2018

Safety requirements for secondary batteries and battery installations - Part 2: Stationary batteries

IEC 62485-2:2010 applies to stationary secondary batteries and battery installations with a maximum voltage of DC 1 500 V (nominal) and describes the principal measures for protections against hazards generated from: - electricity, - gas emission, - electrolyte. This International Standard provides requirements on safety aspects associated with the erection, use, inspection, maintenance and disposal. It covers lead-acid and NiCd/NiMH batteries.

Keel: en

Alusdokumendid: IEC 62485-2:2010; EN IEC 62485-2:2018

Asendab dokumenti: EVS-EN 50272-2:2006

EVS-EN IEC 62485-4:2018

Safety requirements for secondary batteries and battery installations - Part 4: Valve-regulated lead-acid batteries for use in portable appliances

IEC 62485-4:2015 applies to the safety aspects associated with the accommodation, the arrangements of circuits and the operation of secondary valve-regulated lead-acid cells and batteries in portable appliances. Requirements are specified which oblige the manufacturers of appliances and secondary batteries to prevent the misuse of batteries in the course of operation to provide protective measures avoiding injury to persons in case of battery failure and to provide sufficient information to users. This standard does not apply to secondary cells and batteries containing alkaline or other non-acid electrolytes. This first edition cancels and replaces the first edition of IEC TR 61056-3 published in 1991. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the IEC TR 61056-3: Updating of the requirements, and harmonisation of the text for consistency with the IEC 62485 series.

Keel: en

Alusdokumendid: IEC 62485-4:2015; EN IEC 62485-4:2018

Asendab dokumenti: EVS-EN 50272-4:2007

EVS-IEC 60050(702):2001/A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992/AMD3:2017)

Muudatus standardile EVS-IEC 60050(702):2001.

Keel: et-en

Alusdokumendid: IEC 60050-702:1992/AMD3:2017

Muudab dokumenti: EVS-IEC 60050(702):2001

EVS-IEC 60050(702):2001+A1+A2+A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992 + IEC 60050-702:1992/AMD1:2016 + IEC 60050-702:1992/AMD2:2016 + IEC 60050-702:1992/AMD3:2017)

Standardi IEC 60050 see osa annab peamised võnkumiste, signaalide ja vastavate seadmete alased terminid.

Keel: et-en

Alusdokumendid: IEC 60050-702:1992; IEC 60050-702:1992/AMD1:2016; IEC 60050-702:1992/AMD2:2016; IEC 60050-702:1992/AMD3:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A1:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A2:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A3:2018

31 ELEKTROONIKA

EVS-EN 61760-4:2015/A1:2018

Surface mounting technology - Part 4: Classification, packaging, labelling and handling of moisture sensitive devices

Amendment for EN 61760-4:2015

Keel: en

Alusdokumendid: IEC 61760-4:2015/A1:2018; EN 61760-4:2015/A1:2018

Muudab dokumenti: EVS-EN 61760-4:2015

EVS-IEC 60050(702):2001/A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992/AMD3:2017)

Muudatus standardile EVS-IEC 60050(702):2001.

Keel: et-en

Alusdokumendid: IEC 60050-702:1992/AMD3:2017

Muudab dokumenti: EVS-IEC 60050(702):2001

EVS-IEC 60050(702):2001+A1+A2+A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992 + IEC 60050-702:1992/AMD1:2016 + IEC 60050-702:1992/AMD2:2016 + IEC 60050-702:1992/AMD3:2017)

Standardi IEC 60050 see osa annab peamised võnkumiste, signaalide ja vastavate seadmete alased terminid.

Keel: et-en

Alusdokumendid: IEC 60050-702:1992; IEC 60050-702:1992/AMD1:2016; IEC 60050-702:1992/AMD2:2016; IEC 60050-702:1992/AMD3:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A1:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A2:2017

Konsolideerib dokumenti: EVS-IEC 60050(702):2001/A3:2018

33 SIDETEHNIKA

EVS-EN IEC 62325-301:2018

Framework for energy market communications - Part 301: Common Information Model (CIM) extensions for markets

IEC 62325-301:2018 specifies the common information model (CIM) for energy market communications. The CIM facilitates integration by defining a common language (i.e. semantics) based on the CIM to enable these applications or systems to access public data and exchange information independent of how such information is represented internally. The object classes represented in the CIM are abstract in nature and may be used in a wide variety of applications. The use of the CIM goes far beyond its application in a market management system. This new edition of IEC 62325-301 contains support for demand-side communication within a wholesale market. The IEC 62325-301 additions include support for demand-side resource registration and enrollment of a market participating resource as well as support for deployment and performance evaluation of demand side resources. A new package has been included in this edition of IEC 62325-301 to support environmental (weather) data.

Keel: en

Alusdokumendid: IEC 62325-301:2018; EN IEC 62325-301:2018

Asendab dokumenti: EVS-EN 62325-301:2014

35 INFOTEHNOLOOGIA

CEN ISO/TS 19293:2018

Health Informatics - Requirements for a record of the dispense of a medicinal product (ISO/TS 19293:2018)

ISO/TS 19293:2018 specifies requirements for a record of a dispense of a medicinal product. It is intended to be adopted by detailed, implementable specifications, such as interoperability standards, system specifications, and regulatory programs. ISO/TS 19293:2018 applies to information systems in which a dispense of a medicinal product is registered, and the systems that consume such information. These systems are usually in pharmacies or other healthcare institutions. This document does not necessarily apply to non-pharmacy shops or other non-clinical systems (e.g. supermarket cashiers). The scope of ISO/TS 19293:2018 includes the activities relating to the dispensing of a medicinal product and the information content for the capture of structured information produced in those events. These activities include any actual dispense, cancellation or other outcome that may have occurred at the time of planned or actual dispense. In other words, the dispense record also contains information that medication was expected to be dispensed but was not dispensed.

Keel: en
Alusdokumendid: ISO/TS 19293:2018; CEN ISO/TS 19293:2018

CLC/TR 50542-1:2018

Railway applications - Driver's cab train display controller (TDC) - Part 1: General architecture

In accordance with the ERTMS/ETCS specifications, Subset 121, UIC 612 leaflet, ERA_ERTMS_015560 document, EN 50126 and EN 61375 series requirements, this Technical Report describes the Train Display System (TDS) in the driver's cab, and the link between the TDS/TDC and some of its interfaces (Blue box and blue links only). The scope of this document is to define the functional architecture around the TDC. This Technical Report excludes the following items: - Communication protocols (e.g. EN 61375 series); - Ergonomic aspects; - Interface with ETCS (Subset 121); - Train functions; - GSM-R EIRENE functions; - Use of the displays as terminals for maintenance purpose.

Keel: en
Alusdokumendid: CLC/TR 50542-1:2018
Asendab dokumenti: CLC/TR 50542-1:2014

EVS-EN 419221-5:2018

Protection Profiles for TSP Cryptographic Modules - Part 5: Cryptographic Module for Trust Services

This part of EN 419221 specifies a Protection Profile for cryptographic modules suitable for use by trust service providers supporting electronic signature and electronic sealing operations, certificate issuance and revocation, time stamp operations, and authentication services, as identified by the (EU) No 910/2014 regulation of the European Parliament and of the Council on electronic identification and trust services for electronic transactions in the internal market (eIDAS) in [Regulation]. The Protection Profile also includes optional support for protected backup of keys. The document follows the rules and conventions laid out in Common Criteria part 1 [CC1], Annex B "Specification of Protection Profiles".

Keel: en
Alusdokumendid: EN 419221-5:2018

45 RAUDTEETEHNIKA

CLC/TR 50542-1:2018

Railway applications - Driver's cab train display controller (TDC) - Part 1: General architecture

In accordance with the ERTMS/ETCS specifications, Subset 121, UIC 612 leaflet, ERA_ERTMS_015560 document, EN 50126 and EN 61375 series requirements, this Technical Report describes the Train Display System (TDS) in the driver's cab, and the link between the TDS/TDC and some of its interfaces (Blue box and blue links only). The scope of this document is to define the functional architecture around the TDC. This Technical Report excludes the following items: - Communication protocols (e.g. EN 61375 series); - Ergonomic aspects; - Interface with ETCS (Subset 121); - Train functions; - GSM-R EIRENE functions; - Use of the displays as terminals for maintenance purpose.

Keel: en
Alusdokumendid: CLC/TR 50542-1:2018
Asendab dokumenti: CLC/TR 50542-1:2014

61 RÕIVATOOSTUS

EVS-EN ISO 20863:2018

Footwear - Test methods for stiffeners and toepuffs - Bondability (ISO 20863:2018)

ISO 20863:2018 specifies a method for the determination of the bondability of heat activated and solvent activated stiffeners and toepuffs to upper and lining materials.

Keel: en
Alusdokumendid: ISO 20863:2018; EN ISO 20863:2018
Asendab dokumenti: EVS-EN ISO 20863:2005

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 9233-1:2018

Cheese, cheese rind and processed cheese - Determination of natamycin content - Part 1: Molecular absorption spectrometric method for cheese rind (ISO 9233-1:2018)

ISO 9233-1 | IDF 140-1:2018 specifies a method for the determination in cheese rind of natamycin mass fraction of above 0,5 mg/kg and surface-area-related natamycin mass of above 0,03 mg/dm². NOTE It is possible that the method is suitable for detecting migration of natamycin into the cheese.

Keel: en
Alusdokumendid: ISO 9233-1:2018; EN ISO 9233-1:2018
Asendab dokumenti: EVS-EN ISO 9233-1:2013

EVS-EN ISO 9233-2:2018

Cheese, cheese rind and processed cheese - Determination of natamycin content - Part 2: High-performance liquid chromatographic method for cheese, cheese rind and processed cheese (ISO 9233-2:2018)

ISO 9233-2 | IDF 140-2:2018 specifies a method for the determination of natamycin mass fraction in cheese, cheese rind and processed cheese of above 0,5 mg/kg and of the surface-area-related natamycin mass in cheese rind of above 0,03 mg/dm².

Keel: en

Alusdokumendid: ISO 9233-2:2018; EN ISO 9233-2:2018

Asendab dokumenti: EVS-EN ISO 9233-2:2013

77 METALLURGIA

EVS-EN ISO 4829-1:2018

Steel and cast iron - Determination of total silicon contents - Reduced molybdosilicate spectrophotometric method - Part 1: Silicon contents between 0,05 % and 1,0 % (ISO 4829-1:2018)

This document specifies a spectrophotometric method for the determination of total silicon in steel and cast iron using reduced molybdosilicate. The method is applicable to the determination of silicon mass fraction between 0,05 % and 1,0 %.

Keel: en

Alusdokumendid: EN ISO 4829-1:2018; ISO 4829-1:2018

Asendab dokumenti: EVS-EN 24829-1:2000

79 PUIDUTEHNOLOOGIA

EVS-EN ISO 19085-1:2017/AC:2018

Puidutöötlemismasinad. Ohutus. Osa 1: Ühtsed nõuded Woodworking machines - Safety - Part 1: Common requirements (ISO 19085-1:2017)

Parandus standardile EN ISO 19085-1:2017

Keel: en

Alusdokumendid: EN ISO 19085-1:2017/AC:2018

Parandab dokumenti: EVS-EN ISO 19085-1:2017

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11357-3:2018

Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization (ISO 11357-3:2018)

ISO 11357-3:2018 specifies a method for the determination of the temperatures and enthalpies of melting and crystallization of crystalline or partially crystalline plastics.

Keel: en

Alusdokumendid: ISO 11357-3:2018; EN ISO 11357-3:2018

Asendab dokumenti: EVS-EN ISO 11357-3:2013

91 EHITUSMATERJALID JA EHITUS

EVS 812-7:2018

Ehitiste tuleohutus. Osa 7: Ehitisele esitatavad tuleohutusnõuded Fire safety of constructions - Part 7: Fire safety requirements for the building

See standard annab selgitused ja tüüplahendused standardolukordade lahendamiseks ehituslike tuleohutusnõuete määрусega kehtestatud oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Eri lahenduste sobivust on endiselt võimalik analüütiliselt tõendada, kui on tagatud oluliste tuleohutusnõuete minimaalne tase. Standard EVS 812-7 ei käsitle põhjalikult ehituslikke nõudeid ehitistele ja tuleohutuspaigaldistele, mis on juba kaetud standardi, tehnilise spetsifikatsiooni või määрусega.

Keel: et

Asendab dokumenti: EVS 812-7:2008

Asendab dokumenti: EVS 812-7:2008/AC:2011

Asendab dokumenti: EVS 812-7:2008/AC:2016

EVS 812-8:2018

Ehitiste tuleohutus. Osa 8: Kõrghoonete tuleohutus Fire safety of constructions - Part 8: Fire safety of high-rise buildings

Selles Eesti standardis käsitletakse kõrghoonete tuleohutust, välja arvatud aatriumruumidega hooned.

Keel: et
Asendab dokumenti: EVS 812-8:2011

EVS-EN 12216:2018

Luugid, väli- ja siserulood. Terminoloogia, sõnastik ja määratlused Shutters, external blinds, internal blinds - Terminology, glossary and definitions

This European Standard details the general terminology for internal blinds, external blinds and shutters as they are normally used and applied to buildings. Internal blinds, external blinds and shutters are covered by product standards EN 13120, EN 13561 and EN 13659, respectively. This European Standard does not apply to industrial, commercial or garage doors. NOTE The figures in this standard are solely for the purpose of terminology and should not be seen as recommendations for design, construction etc.

Keel: en
Alusdokumendid: EN 12216:2018
Asendab dokumenti: EVS-EN 12216:2002

EVS-EN 1366-11:2018

Fire resistance tests for service installations - Part 11: Fire protective systems for cable systems and associated components

This European Standard describes the method to evaluate the performance of protective systems for electrical cable and busbar systems in order to maintain the circuit integrity under fire conditions to classify the protective system according to EN 13501-3 for the P classification. The test examines the behaviour of cable protection systems exposed to fire from outside. The tests specified in this standard are not aimed for assessing the performance of the fire protective system and the penetration seal for maintaining the requirements of the penetrated wall or ceiling (classification E / I). This method is very different to EN 50200 for the PH classification and also to IEC 60331-11, IEC 60331-21, IEC 60331-23, and IEC 60331-25, which are not designed for fire protective systems for electrical cable systems. This standard should be used in conjunction with EN 1363-1. The test results apply to fire protective systems for electrical cable systems rated for voltages up to 1 kV. The test procedure should also be used to determine the performance of protective systems for use with data and optical cables, however, verification procedures for such cables are still under development. Proposals are given in Annex C. The protective system may include ventilation devices, inspection hatches, fixed or removable lids etc. The tests specified in this standard are not aimed for assessing the performance of sprayed or painted coatings (e.g. intumescent or ablative coating, plastic film, epoxy resin) and similar protective layers (e.g. wrap, bandage) applied directly on the cables or bus bars as fire protective system. Also, cables and bus bars with intrinsic resistance to fire, and without fire protective systems around, are excluded (see CENELEC standard EN 50577). This test method is not applicable for cabinets for electrical accessory containing bus systems, relays or similar.

Keel: en
Alusdokumendid: EN 1366-11:2018

EVS-EN 62053-24:2015/A1:2017/AC:2018

Vahelduvvoolu-mõõteseadmed. Erinõuded. Osa 24: Staatilised põhisagedus-reaktiivenergiaarvestid (klassid 0,5 S, 1 S ja 1) Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)

Parandus standardile EN 62053-24:2015/A1:2017

Keel: en
Alusdokumendid: IEC 62053-24:2014/A1:2016/COR1:2018; EN 62053-24:2015/A1:2017/AC:2018-05
Parandab dokumenti: EVS-EN 62053-24:2015/A1:2017

EVS-EN 81-28:2018

Liftide valmistamise ja paigaldamise ohutusekirjad. Inimeste ja kaupade transpordiks mõeldud liftid. Osa 28: Sõidu- ja kaubaliftide kaugside-häiresüsteem 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 European Standard applies to alarm systems for all types of passenger and goods passenger lifts, in particular those covered in the EN 81 series. This European Standard also deals with the minimum information to be provided as part of the instruction manual related to maintenance and the rescue service. This European Standard deals with the following significant hazard relevant to lifts when they are used as intended and under the conditions foreseen by the installer/manufacturer: - entrapment of users due to the lift not working properly. This European Standard is not applicable to alarm systems intended to be used to call for help in other cases, e.g. heart attack, seeking information. This European Standard is applicable to alarm systems used for lifts manufactured and installed after the date of publication by CEN of this standard. However, this European Standard can be taken into account when applied to existing lifts. EN 81 70 gives additional requirements for persons with disabilities (e.g. inductive loop, alarm button).

Keel: en
Alusdokumendid: EN 81-28:2018
Asendab dokumenti: EVS-EN 81-28:2003

EVS-EN 81-71:2018

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Reisijate ja kaupade veoks mõeldud liftide eriotstarbelised rakendused. Osa 71: Vandalismikindlad liftid 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 additional and deviating requirements to EN 81-20 as applicable in order to ensure the safety of lift users and the availability of lifts, which may be used for vandal resistant purposes. In all other respects such lifts are designed in accordance with EN 81-20. This document deals with the significant hazards, hazardous situations and events relevant to lifts which can be affected by vandalism (as listed in Clause 4) when they are used under the conditions as foreseen by the installer. It does not cover building security or Category 0 lifts (see definition 3.2). For other types of lifts, e.g. inclined lifts according to EN 81-22, this standard can usefully be taken as a basis.

Keel: en

Alusdokumendid: EN 81-71:2018

Asendab dokumenti: EVS-EN 81-71:2005+A1:2007

93 RAJATISED

EVS-EN 16932-1:2018

Äravoolu- ja kanalisatsioonisüsteemid väljaspool hooneid. Pumpamissüsteemid. Osa 1: Üldnõuded

Drain and sewer systems outside buildings - Pumping systems - Part 1: General requirements

See Euroopa standard määrab kindlaks väljaspool hooneid asuvate ja nende teenindamiseks ettenähtud reovee äravoolu- ja kanalisatsioonisüsteemide nõuded nende pumpamissüsteemide kavandamiseks, ehitamiseks ja vastuvõtukatsetamiseks. See sisaldab pumpamissüsteeme äravoolu- ja kanalisatsioonisüsteemides, mis toimivad põhiliselt iseoolsetena, aga samuti süsteeme, milles kasutatakse ülerõhku või osalist vaakumit. Selles dokumendis esitatakse üldnõuded, mida kohaldatakse kõigile reovee pumpamissüsteemidele äravoolu- ja kanalisatsioonisüsteemides.

Keel: en, et

Alusdokumendid: EN 16932-1:2018

Asendab dokumenti: EVS-EN 1091:2000

Asendab dokumenti: EVS-EN 1671:2000

EVS-EN 16932-2:2018

Äravoolu- ja kanalisatsioonisüsteemid väljaspool hooneid. Pumpamissüsteemid. Osa 2: Ülerõhusüsteemid

Drain and sewer systems outside buildings - Pumping systems - Part 2: Positive pressure systems

See Euroopa standard määrab kindlaks väljaspool hooneid asuvate ja nende teenindamiseks ettenähtud reovee äravoolu- ja kanalisatsioonisüsteemide nõuded nende pumpamissüsteemide kavandamiseks, ehitamiseks ja vastuvõtukatsetamiseks. See sisaldab pumpamissüsteeme äravoolu- ja kanalisatsioonisüsteemides, mis toimivad põhiliselt iseoolsetena, aga samuti süsteeme, milles kasutatakse ülerõhku või osalist vaakumit. See dokument on rakendatav ülerõhusüsteemidele.

Keel: en, et

Alusdokumendid: EN 16932-2:2018

Asendab dokumenti: EVS-EN 1091:2000

Asendab dokumenti: EVS-EN 1671:2000

EVS-EN 16932-3:2018

Äravoolu- ja kanalisatsioonisüsteemid väljaspool hooneid. Pumpamissüsteemid. Osa 3: Vaakumsüsteemid

Drain and sewer systems outside buildings - Pumping systems - Part 3: Vacuum systems

See Euroopa standard määrab kindlaks väljaspool hooneid asuvate ja nende teenindamiseks ettenähtud reovee äravoolu- ja kanalisatsioonisüsteemide nõuded nende pumpamissüsteemide kavandamiseks, ehitamiseks ja vastuvõtukatsetamiseks. See sisaldab pumpamissüsteeme äravoolu- ja kanalisatsioonisüsteemides, mis toimivad põhiliselt iseoolsetena, aga samuti süsteeme, milles kasutatakse ülerõhku või osalist vaakumit. See dokument on rakendatav vaakumäravoolusüsteemidele ja vaakumkanalisatsioonisüsteemidele.

Keel: en, et

Alusdokumendid: EN 16932-3:2018

Asendab dokumenti: EVS-EN 1091:2000

Asendab dokumenti: EVS-EN 1671:2000

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 12216:2002

Shutters, external blinds, internal blinds - Terminology, glossary and definitions

Keel: en

Alusdokumendid: EN 12216:2002

Asendatud järgmise dokumendiga: EVS-EN 12216:2018

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 1060-3:1997+A2:2009

Mitteinvasiivsed sfügmomanomeetrid. Osa 3: Lisanõuded elektromehaanilistele vererõhu mõõtesüsteemidele. KONSOLIDEERITUD TEKST

Non-invasive sphygmomanometers - Part 3: Supplementary requirements for electro-mechanical blood pressure measuring systems CONSOLIDATED TEXT

Keel: en, et

Alusdokumendid: EN 1060-3:1997+A2:2009

Standardi staatus: Kehtetu

EVS-EN ISO 10139-1:2005

Dentistry - Soft lining materials for removable dentures - Part 1: Materials for short-term use

Keel: en

Alusdokumendid: ISO 10139-1:2005; EN ISO 10139-1:2005 + AC:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 10139-1:2018

Parandatud järgmise dokumendiga: EVS-EN ISO 10139-1:2005/AC:2013

Standardi staatus: Kehtetu

EVS-EN ISO 11979-10:2006

Ophthalmic implants - Intraocular lenses - Part 10: Phakic intraocular lenses

Keel: en

Alusdokumendid: ISO 11979-10:2006; EN ISO 11979-10:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 11979-10:2018

Muudetud järgmise dokumendiga: EVS-EN ISO 11979-10:2006/A1:2014

Standardi staatus: Kehtetu

EVS-EN ISO 11979-10:2006/A1:2014

Ophthalmic implants - Intraocular lenses - Part 10: Phakic intraocular lenses (ISO 11979-10:2006/Amd 1:2014)

Keel: en

Alusdokumendid: ISO 11979-10:2006/Amd 1:2014; EN ISO 11979-10:2006/A1:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 11979-10:2018

Standardi staatus: Kehtetu

EVS-EN ISO 11979-7:2014

Ophthalmic implants - Intraocular lenses - Part 7: Clinical investigations (ISO 11979-7:2014)

Keel: en

Alusdokumendid: ISO 11979-7:2014; EN ISO 11979-7:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 11979-7:2018

Standardi staatus: Kehtetu

EVS-EN ISO 12870:2014

Oftalmiline optika. Prilliraamid. Nõuded ja katsemeetodid

Ophthalmic optics - Spectacle frames - Requirements and test methods (ISO 12870:2012)

Keel: en

Alusdokumendid: ISO 12870:2012; EN ISO 12870:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 12870:2018

Standardi staatus: Kehtetu

EVS-EN ISO 5832-2:2012

Implants for surgery - Metallic materials - Part 2: Unalloyed titanium (ISO 5832-2:1999)

Keel: en

Alusdokumendid: ISO 5832-2:1999; EN ISO 5832-2:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 5832-2:2018

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS 812-7:2008

Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõude, tuleohutusnõude tagamine projekteerimise ja ehitamise käigus

Fire safety of constructions – Part 7: The fulfilment of essential requirement - Safety of construction works in case of fire in the course of design and building process

Keel: et

Alusdokumendid: EVS 812-7:2008+AC:2011; EVS 812-7:2008/AC:2016

Asendatud järgmise dokumendiga: EVS 812-7:2018

Parandatud järgmise dokumendiga: EVS 812-7:2008/AC:2011

Parandatud järgmise dokumendiga: EVS 812-7:2008/AC:2016

Standardi staatus: Kehtetu

EVS 812-7:2008/AC:2011

Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõude, tuleohutusnõude tagamine projekteerimise ja ehitamise käigus

Fire safety of constructions – Part 7: The fulfilment of essential requirement - Safety of construction works in case of fire in the course of design and building process

Keel: et

Asendatud järgmise dokumendiga: EVS 812-7:2018

Standardi staatus: Kehtetu

EVS 812-7:2008/AC:2016

Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõude, tuleohutusnõude tagamine projekteerimise ja ehitamise käigus

Fire safety of constructions – Part 7: The fulfilment of essential requirement - Safety of construction works in case of fire in the course of design and building process

Keel: et

Asendatud järgmise dokumendiga: EVS 812-7:2018

Standardi staatus: Kehtetu

EVS 812-8:2011

Ehitiste tuleohutus. Osa 8: Kõrghoonete tuleohutus

Fire safety of constructions – Part 8: High-rise buildings

Keel: et

Asendatud järgmise dokumendiga: EVS 812-8:2018

Standardi staatus: Kehtetu

EVS-EN 1091:2000

Vaakumkanalisatsiooni süsteemid väljaspool hooneid

Vacuum sewerage systems outside buildings

Keel: en, et

Alusdokumendid: EN 1091:1996

Asendatud järgmise dokumendiga: EVS-EN 16932-1:2018

Asendatud järgmise dokumendiga: EVS-EN 16932-2:2018

Asendatud järgmise dokumendiga: EVS-EN 16932-3:2018

Standardi staatus: Kehtetu

EVS-EN 50272-1:2010

Safety requirements for secondary batteries and battery installations - Part 1: General safety information

Keel: en

Alusdokumendid: EN 50272-1:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 62485-1:2018

Standardi staatus: Kehtetu

EVS-EN 689:1999

Töökeskonna õhu kvaliteet. Juhised keemiliste toimeainete sissehingamise mõju hindamiseks, piirnormide toimega võrdlemiseks ja mõõtemetodite kohta
Workplace atmospheres - Guidance for the assessment of exposure binhalation to chemical agents for comparison with limit values and measurement strategy

Keel: en
Alusdokumendid: EN 689:1995
Asendatud järgmise dokumendiga: EVS-EN 689:2018
Standardi staatus: Kehtetu

EVS-EN 81-28:2003

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kauba transpordi liftid. Osa 28: Reisi- ja kaubaliftide kaugjuhtimishäiresüsteem
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

Keel: en
Alusdokumendid: EN 81-28:2003
Asendatud järgmise dokumendiga: EVS-EN 81-28:2018
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 14399-10:2009

High-strength structural bolting assemblies for preloading - Part 10: System HRC - Bolt and nut assemblies with calibrated preload

Keel: en
Alusdokumendid: EN 14399-10:2009
Asendatud järgmise dokumendiga: EVS-EN 14399-10:2018
Standardi staatus: Kehtetu

EVS-EN 14399-9:2009

High-strength structural bolting assemblies for preloading - Part 9: System HR or HV - Direct tension indicators for bolt and nut assemblies

Keel: en
Alusdokumendid: EN 14399-9:2009
Asendatud järgmise dokumendiga: EVS-EN 14399-9:2018
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLLOOGIA

EVS-EN 1011-8:2005

Welding - Recommendations for welding of metallic materials - Part 8: Welding of cast irons

Keel: en
Alusdokumendid: EN 1011-8:2004
Asendatud järgmise dokumendiga: EVS-EN 1011-8:2018
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50272-1:2010

Safety requirements for secondary batteries and battery installations - Part 1: General safety information

Keel: en
Alusdokumendid: EN 50272-1:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 62485-1:2018
Standardi staatus: Kehtetu

EVS-EN 50272-2:2006

Ohutusnõuded tagavaraakudele ja akupaigaldistele. Osa 2: Statsionaarsed akud
Safety requirements for secondary batteries and battery installations - Part 2: Stationary batteries

Keel: en, et
Alusdokumendid: EN 50272-2:2001

Asendatud järgmise dokumendiga: EVS-EN IEC 62485-2:2018
Standardi staatus: Kehtetu

EVS-EN 50272-4:2007

Safety requirements for secondary batteries and battery installations Part 4: Batteries for use in portable appliances

Keel: en
Alusdokumendid: EN 50272-4:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 62485-4:2018
Standardi staatus: Kehtetu

EVS-EN 60071-2:2003

Insulation co-ordination - Part 2: Application guide

Keel: en
Alusdokumendid: IEC 71-2:1996; EN 60071-2:1997
Asendatud järgmise dokumendiga: EVS-EN IEC 60071-2:2018
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 50337-5-1:2003

Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications Part 5-1: Type EC terminated on IEC 60793-2 category B1.1 singlemode fibre

Keel: en
Alusdokumendid: EN 50337-5-1:2003
Standardi staatus: Kehtetu

EVS-EN 62325-301:2014

Framework for energy market communications - Part 301: Common Information Model (CIM) extensions for markets

Keel: en
Alusdokumendid: IEC 62325-301:2014; EN 62325-301:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62325-301:2018
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CLC/TR 50542-1:2014

Railway applications – Driver's cab train display controller (TDC) - Part 1: General architecture

Keel: en
Alusdokumendid: CLC/TR 50542-1:2014
Asendatud järgmise dokumendiga: CLC/TR 50542-1:2018
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

CLC/TR 50542-1:2014

Railway applications – Driver's cab train display controller (TDC) - Part 1: General architecture

Keel: en
Alusdokumendid: CLC/TR 50542-1:2014
Asendatud järgmise dokumendiga: CLC/TR 50542-1:2018
Standardi staatus: Kehtetu

61 RÕIVATÖÖSTUS

EVS-EN ISO 20863:2005

Jalatsid. Jäigastusplaatide ja ninatäidiste katsemeetodid. Liimitavus Footwear - Test methods for stiffeners and toepuffs - Bondability

Keel: en
Alusdokumendid: ISO 20863:2004; EN ISO 20863:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 20863:2018
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

CEN/TR 15623:2008

Food processing machinery - Route map - Materials for food area

Keel: en

Alusdokumendid: CEN/TR 15623:2008

Standardi staatus: Kehtetu

EVS-EN ISO 9233-1:2013

Cheese, cheese rind and processed cheese - Determination of natamycin content - Part 1: Molecular absorption spectrometric method for cheese rind (ISO 9233-1:2007 including Amd 1:2012)

Keel: en

Alusdokumendid: ISO 9233-1:2007 + Amd 1:2012; EN ISO 9233-1:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 9233-1:2018

Standardi staatus: Kehtetu

EVS-EN ISO 9233-2:2013

Cheese, cheese rind and processed cheese - Determination of natamycin content - Part 2: High-performance liquid chromatographic method for cheese, cheese rind and processed cheese (ISO 9233-2:2007 including Amd 1:2012)

Keel: en

Alusdokumendid: ISO 9233-2:2007 + Amd 1:2012; EN ISO 9233-2:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 9233-2:2018

Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 24829-1:2000

Teras ja malm - Räni üldsisalduse määramine. Spektrofotomeetriline meetod taandatud molübdosilikaadiga. Osa 1: Ränisisaldus vahemikus 0,05 kuni 1,0% Steel and cast iron - Determination of total silicon content - Reduced molybdosilicate spectrophotometric method - Part 1: Silicon contents between 0,05 and 1,0

Keel: en

Alusdokumendid: ISO 4829-1:1986; EN 24829-1:1990+AC:1991

Asendatud järgmise dokumendiga: EVS-EN ISO 4829-1:2018

Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11357-3:2013

Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization (ISO 11357-3:2011)

Keel: en

Alusdokumendid: ISO 11357-3:2011; EN ISO 11357-3:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 11357-3:2018

Standardi staatus: Kehtetu

91 EHTUSMATERJALID JA EHTUS

EVS 812-7:2008

Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõude, tuleohutusnõude tagamine projekteerimise ja ehitamise käigus Fire safety of constructions – Part 7: The fulfilment of essential requirement - Safety of construction works in case of fire in the course of design and building process

Keel: et

Alusdokumendid: EVS 812-7:2008+AC:2011; EVS 812-7:2008/AC:2016

Asendatud järgmise dokumendiga: EVS 812-7:2018

Parandatud järgmise dokumendiga: EVS 812-7:2008/AC:2011

Parandatud järgmise dokumendiga: EVS 812-7:2008/AC:2016

Standardi staatus: Kehtetu

EVS 812-7:2008/AC:2016

Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõude, tuleohutusnõude tagamine projekteerimise ja ehitamise käigus
Fire safety of constructions – Part 7: The fulfilment of essential requirement - Safety of construction works in case of fire in the course of design and building process

Keel: et
Asendatud järgmise dokumendiga: EVS 812-7:2018
Standardi staatus: Kehtetu

EVS 812-8:2011

Ehitiste tuleohutus. Osa 8: Kõrghoonete tuleohutus
Fire safety of constructions – Part 8: High-rise buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 812-8:2018
Standardi staatus: Kehtetu

EVS-EN 12216:2002

Shutters, external blinds, internal blinds - Terminology, glossary and definitions

Keel: en
Alusdokumendid: EN 12216:2002
Asendatud järgmise dokumendiga: EVS-EN 12216:2018
Standardi staatus: Kehtetu

EVS-EN 81-28:2003

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kauba transpordi liftid. Osa 28: Reisi- ja kaubaliftide kaugjuhtimishäiresüsteem
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

Keel: en
Alusdokumendid: EN 81-28:2003
Asendatud järgmise dokumendiga: EVS-EN 81-28:2018
Standardi staatus: Kehtetu

EVS-EN 81-71:2005+A1:2007

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Reisijate ja kaupade veoks mõeldud liftide eriotstarbelised rakendused. Osa 71: Vandalismikindlad liftid KONSOLIDEERITUD TEKST
Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 81-71:2005+A1:2006
Asendatud järgmise dokumendiga: EVS-EN 81-71:2018
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 1671:2000

Survelised kanalisatsioonisüsteemid väljaspool hooneid
Pressure sewerage systems outside buildings

Keel: en, et
Alusdokumendid: EN 1671:1997
Asendatud järgmise dokumendiga: EVS-EN 16932-1:2018
Asendatud järgmise dokumendiga: EVS-EN 16932-2:2018
Asendatud järgmise dokumendiga: EVS-EN 16932-3:2018
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) 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;
- käsitlusala;
- keel (en = inglise; et = eesti);
- Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
- asendusseos, selle olemasolul;
- arvamuste esitamise tähtaeg.

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 16972

Respiratory protective devices - Definitions of terms and pictograms (ISO/DIS 16972:2018)

This European Standard is applicable to respiratory protective devices except diving apparatus for which the definitions are given in EN 250. This European Standard defines commonly used terms and pictograms of this area. The object of this European Standard is to achieve a uniform interpretation of these terms and pictograms in order to prevent ambiguous use of them. EN 135 contains a survey of these terms in the three official languages English, French and German.

Keel: en

Alusdokumendid: ISO/DIS 16972; prEN ISO 16972

Asendab dokumenti: EVS-EN 132:1999

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO/ASTM 52900

Additive manufacturing - General principles - Terminology (ISO/ASTM DIS 52900:2018)

This International Standard establishes and defines terms used in additive manufacturing (AM) technology, which applies the additive shaping principle and thereby builds physical three-dimensional (3D) geometries by successive addition of material. The terms have been classified into specific fields of application. New terms emerging from the future work within ISO/TC 261 and ASTM F42 will be included in upcoming amendments and overviews of this International Standard.

Keel: en

Alusdokumendid: ISO/ASTM DIS 52900; prEN ISO/ASTM 52900

Asendab dokumenti: EVS-EN ISO/ASTM 52900:2017

Arvamusküsitluse lõppkuupäev: 16.07.2018

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

prEN 15017

Funeral Services - Requirements

This document sets out the requirements for the provision of funeral services with respect to education, transport, facilities, advisory services, and care of the deceased for both burial and cremation services. This document is applicable to all funeral professionals, funeral homes, and funeral-related services at cemeteries and crematoria as well as any other person(s) providing funeral services of any kind. This document does not apply to product-related technical requirements. Occupational health and safety requirements are not covered by this document.

Keel: en

Alusdokumendid: prEN 15017

Asendab dokumenti: EVS-EN 15017:2005

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEVS-ISO 10006

Kvaliteedijuhtimissüsteemid. Juhised projektide kvaliteedijuhtimiseks **Quality management systems - Guidelines for quality management in projects**

ISO 10006:2017 esitab nõuandeid kvaliteedijuhtimise rakendamiseks projektides. See sobib organisatsioonidele, mis töötavad erineva keerukusega projektidega, kas väikeste või suurte, lühi- või pikaajaliste, üksikprojektidega või projektidega, mis on programmi või projektiportfelli osa, eri keskkondades ja olenemata toote/teenuse või protsessi liigist, mille eesmärk on rahuldada huvipooli, tutvustades kvaliteedijuhtimist projektides. Seetõttu võib osutuda vajalikuks juhise teatud kohandamine, et see sobiks kindla projektiga. ISO 10006:2017 ei ole juhised projektijuhtimisele. See dokument käsitleb kvaliteedijuhtimise projektijuhtimise protsessides. Juhised projektijuhtimisest ja seotud protsessidest sisalduvad standardis ISO 21500. ISO 10006:2017 käsitleb nii mõistet „kvaliteedijuhtimine projektides“ kui ka mõistet „kvaliteedijuhtimissüsteemid projektides“. Neid eristatakse eri käsitluste abil järgmiste teemade ja peatükkide/jaotiste kaudu: kvaliteedijuhtimine projektides sisaldab kvaliteedijuhtimissüsteeme projektides (peatükk 4); juhtkonna vastutus projektides (peatükk 5); ressursside juhtimine projektides (punkt 6); toote/teenuse realiseerimine projektis (peatükk 7) ning mõõtmine, analüüs ja parendamine projektides (peatükk 8); kvaliteedijuhtimissüsteemid projektides sisaldavad projekti omadusi (4.1); kvaliteedijuhtimise põhimõtteid projektides (4.2); projekti kvaliteedijuhtimise protsesse (4.3); ja kvaliteediplaani projektile (4.4).

Keel: en

Alusdokumendid: ISO 10006:2017

Asendab dokumenti: EVS-ISO 10006:2008

Arvamusküsitluse lõppkuupäev: 16.07.2018

07 LOODUS- JA RAKENDUSTEADUSED

prEN 15634-1

Foodstuffs - Detection of food allergens by molecular biological methods - Part 1: General considerations

This document provides the overall framework for detection of sequences corresponding to species containing allergens using the polymerase chain reaction (PCR). It relates to the requirements for the specific amplification of target nucleic acid sequences (DNA) and for the confirmation of the identity of the amplified nucleic acid sequence. Guidelines, minimum requirements and performance criteria laid down in this document are intended to ensure that comparable and reproducible results are obtained in different laboratories. This document has been established for food matrices.

Keel: en

Alusdokumendid: prEN 15634-1

Asendab dokumenti: EVS-EN 15634-1:2009

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 15634-2

Foodstuffs - Detection of food allergens by molecular biological methods - Part 2: Celery (Apium graveolens) - Detection of a specific DNA sequence in cooked sausages by real-time PCR

This document specifies a method for the detection of celery (*Apium graveolens*) in emulsion-type sausages (e.g. Frankfurter, Wiener). Real-time PCR detection of celery is based on an 101 bp (base pair) sequence from the gene of the mannitol dehydrogenase (GenBank Acc. No. AF067082) of celery (*Apium graveolens*). The method has been validated on emulsion-type sausages (Bavarian "Leberkäse") spiked with celery. For this purpose meat batter containing mass fractions of 50 % pork meat, 25 % pork fat, 23 % crushed ice and 1,8 % of a mixture of sodium chloride, nitrite, nitrate, phosphates and ascorbates was prepared according to a standard procedure for emulsion-type sausage. The meat batter was spiked with either ground celery seeds or celery root powder to 1000 mg/kg. Lower spiking levels were obtained by diluting with celery-free meat batter. The batter was stuffed into casings and heated at 65 °C for 60 min [2].

Keel: en

Alusdokumendid: prEN 15634-2

Asendab dokumenti: CEN/TS 15634-2:2012

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 15216-2

Microbiology of the food chain - Horizontal method for determination of hepatitis A virus and norovirus in food using real-time RT-PCR - Part 2: Method for detection (ISO/DIS 15216-2:2018)

This document specifies a method for detection of HAV and norovirus genogroups I (GI) and II (GII), from test samples of foodstuffs (soft fruit, leaf, stem and bulb vegetables, bottled water, BMS) or food surfaces. Following liberation of viruses from the test sample, viral RNA is then extracted by lysis with guanidine thiocyanate and adsorption on silica. Target sequences within the viral RNA are amplified and detected by real-time RT-PCR. This method is not validated for detection of the target viruses in other foodstuffs (including multicomponent foodstuffs), or any other matrices, nor for the detection of other viruses in foodstuffs, food surfaces or other matrices.

Keel: en

Alusdokumendid: ISO/DIS 15216-2; prEN ISO 15216-2

Asendab dokumenti: CEN ISO/TS 15216-2:2013

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 60601-2-83:2018**Medical electrical equipment - Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment**

Clause 1 of the general standard applies, except as follows: 201.1.1 Scope Replacement: This particular standard is applicable to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HOME LIGHT THERAPY EQUIPMENT, intended for use in the HOME HEALTHCARE ENVIRONMENT. HOME LIGHT THERAPY EQUIPMENT is typically used by a LAY OPERATOR. The scope of this standard includes all light sources except laser. 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. 201.1.2 Object Replacement: The object of this particular standard is to establish particular requirements for the BASIC SAFETY and ESSENTIAL PERFORMANCE of HOME LIGHT THERAPY EQUIPMENT.

Keel: en

Alusdokumendid: IEC 60601-2-83:201X; prEN 60601-2-83:2018

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 14708-2**Implants for surgery - Active implantable medical devices - Part 2: Cardiac pacemakers (ISO/DIS 14708-2:2018)**

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

Keel: en

Alusdokumendid: prEN ISO 14708-2; ISO/DIS 14708-2:2018

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 14708-6**Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (ISO/DIS 14708-6:2018)**

This document specifies requirements that are applicable to IMPLANTABLE CARDIOVERTER DEFIBRILLATORS AND CRT-DS and the functions of ACTIVE IMPLANTABLE MEDICAL DEVICES intended to treat tachyarrhythmia. The tests that are specified in ISO 14708 are type tests and are to be carried out on samples of a device to show compliance. This document was designed for tachyarrhythmia PULSE generators used with either endocardial or epicardial LEADS. At the time of this edition, the authors recognized the emergence of technologies that do not use ENDOCARDIAL or EPICARDIAL LEADS for which adaptations of this part will be required. Such adaptations are left to the discretion of MANUFACTURERS incorporating these technologies. This document is also applicable to some non-implantable parts and accessories of the devices (see Note 1). The characteristics of the IMPLANTABLE PULSE GENERATOR or LEAD shall be determined by either the appropriate method detailed in this document or by any other method demonstrated to have accuracy equal to, or better than, the method specified. In the case of dispute, the method detailed in this document shall apply. Any aspect of an ACTIVE IMPLANTABLE MEDICAL DEVICE intended to treat bradyarrhythmias or cardiac resynchronization is covered by ISO 14708-2. NOTE 1 The device that is commonly referred to as an ACTIVE IMPLANTABLE MEDICAL DEVICE might in fact be a single device, a combination of devices, or a combination of a device or devices and one or more accessories. Not all of these parts are required to be either partially or totally implantable, but there is a need to specify some requirements of non-implantable parts and accessories if they could affect the safety or performance of the implantable device. NOTE 2 The terminology used in this European Standard is intended to be consistent with the terminology of Directive 90/385/EEC. NOTE 3 In this document, terms printed in small capital letters are used as defined in Clause 3. Where a defined term is used as a qualifier in another term, it is not printed in small capital letters unless the concept thus qualified is also defined. NOTE 4 Particular requirements for congestive heart failure devices are under consideration. These types of devices are not covered by this document.

Keel: en

Alusdokumendid: prEN ISO 14708-6; ISO/DIS 14708-6:2018

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 45558**General method to declare the use of critical raw materials in energy related products**

This document specifies a procedure relating to the declaration on the use of critical raw materials in energy related products. Process chemicals, emissions during product manufacturing and packaging are not in scope of this document. The main intended use of this document is to provide a means for information on the use of CRMs to be exchanged up and down the supply chain and with other relevant stakeholders. Potential users of this document are any public, private and social enterprises involved in the production and the treatment of waste of ErP, as well as manufacturers of energy-related products (including SMEs) and other organisations in the product supply chain. It is also relevant to European market surveillance and trade authorities as well as European policy makers. This document does not include product-specific provisions, and can, in fact, be applied directly to any type of energy-related product. It is intended that product-specific provisions that are related to CRM will be fully based on and use the principles and procedures of this document. This document proposes a standardized format for reporting use of critical raw materials in energy-related products by applying the IEC 62474 materials declaration standard. However, it does not provide or determine any specific method or tool to collect critical raw material data.

Keel: en

Alusdokumendid: prEN 45558

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 45559**Methods for providing information relating to material efficiency aspects of energy-related products**

This document establishes a common methodology for the provision of information related to the material efficiency aspects of energy-related products. It has a two key intentions: Its provisions are intended to apply to generic or horizontal material efficiency standards being prepared under the standardization request M/543, by providing a format for reporting material efficiency aspects. This document does not include any product-specific provisions, but rather it proposes a generic methodology on how to create a communication strategy related to material efficiency aspects to be applied by standard writers when preparing product or product-group standards.

Keel: en

Alusdokumendid: prEN 45559

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 14644-16**Cleanrooms and associated controlled environments - Part 16: Code of practice for improving energy efficiency in cleanrooms and clean air devices (ISO/DIS 14644-16:2018)**

This standard gives recommendations on reducing energy consumption and maintaining energy efficiency in new and existing cleanrooms and clean air devices, as classified by EN ISO 14644-1.

Keel: en

Alusdokumendid: ISO/DIS 14644-16; prEN ISO 14644-16

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 16972**Respiratory protective devices - Definitions of terms and pictograms (ISO/DIS 16972:2018)**

This European Standard is applicable to respiratory protective devices except diving apparatus for which the definitions are given in EN 250. This European Standard defines commonly used terms and pictograms of this area. The object of this European Standard is to achieve a uniform interpretation of these terms and pictograms in order to prevent ambiguous use of them. EN 135 contains a survey of these terms in the three official languages English, French and German.

Keel: en

Alusdokumendid: ISO/DIS 16972; prEN ISO 16972

Asendab dokumenti: EVS-EN 132:1999

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 22065**Workplace air - Procedures for measuring gases and vapours using pumped samplers - Requirements and test methods (ISO/DIS 22065:2018)**

This document specifies performance requirements and test methods under prescribed laboratory conditions for the evaluation of pumped samplers used in conjunction with an air sampling pump and of procedures using these samplers for the determination of gases and vapours in workplace atmospheres. This document is applicable to pumped samplers and measuring procedures using these samplers in which sampling and analysis are carried out in separate stages. This document is not applicable to pumped samplers which are used for the direct determination of concentrations, for example, length-of-stain detector tubes and samplers which rely on sorption into a liquid, and subsequent analysis of the solution (bubblers).

Keel: en

Alusdokumendid: ISO/DIS 22065; prEN ISO 22065

Asendab dokumenti: EVS-EN 1076:2010

19 KATSETAMINE

prEN 60721-3-3:2018

Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 3: Stationary use at weatherprotected locations

This section of IEC 60721-3 classifies groups of environmental parameters and their severities to which products are subjected when installed for stationary use at weather-protected locations. The environmental conditions specified in this standard are limited to those which may directly affect the performance of products. Only environmental conditions as such are considered. No special description of the effects of these conditions on the products is provided. Environmental conditions directly related to explosion hazards, microclimate within a product, fire extinction and ionizing radiation are excluded. Any other unforeseen incidents are also excluded. The possibility of their occurrence should be considered as special cases. This standard does not cover equipment covered by building standards, codes or regulations. Conditions of stationary use at non-weatherprotected locations, portable and non-stationary use, use in vehicles and ships, conditions of storage and transportation, and microclimates inside products are given in other sections of IEC 60721-3. A limited number of classes of environmental conditions is given, covering a broad field of application. The user of this standard should select the lowest classification necessary for covering the conditions of the intended use.

Keel: en

Alusdokumendid: prEN 60721-3-3:2018; IEC 60721-3-3:201X (104/801/CDV) (EQV)

Asendab dokumenti: EVS-EN 60721-3-3:2002

Arvamusküsitluse lõppkuupäev: 16.07.2018

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 10216-2:2013/prA1

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

This European Standard specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel. This Part of EN 10216 may also be applied for tubes of non-circular cross section; necessary modification should be agreed at the time of enquiry and order. NOTE Once this standard is published in the Official Journal of the European Union (OJEU) under Directive 97/23/EC, presumption of conformity to the Essential Safety Requirements (ESR) of Directive 97/23/EC is limited to technical data of materials in this standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive are satisfied, needs to be done by the designer or manufacturer of the pressure equipment, taking also into account the subsequent manufacturing processes which may affect properties of the base materials.

Keel: en

Alusdokumendid: EN 10216-2:2013/prA1

Muudab dokumenti: EVS-EN 10216-2:2013

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 1401-1

Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes, fittings and the systems

This document specifies the requirements for solid wall pipes with smooth internal and external surfaces, extruded from the same formulation throughout the wall, fittings and the system of unplasticized poly(vinyl chloride) (PVC U) piping systems in the field of non-pressure underground drainage and sewerage: - buried in ground outside the building structure (application area code "U"), and - both buried in ground, within the building structure (application area code "D") and outside the building. This is reflected in the marking of products by "U" and "UD". It also specifies the test parameters for the test methods referred to in this document. NOTE 1 Solid wall multilayer pipes with different formulations throughout the wall and foamed core pipes are covered by EN 13476-2 [1] (see also CEN ISO/TR 27165 [2]). This document covers a range of nominal sizes, a range of pipes and fittings series and a range of stiffness classes and gives recommendations concerning colours. NOTE 2 It is the responsibility of the purchaser or specifier to make the appropriate selection from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. In conjunction with prCEN/TS 1401-2 [3], it is applicable to PVC U pipes and fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for buried piping systems for non-pressure underground drainage and sewerage. NOTE 3 Pipes, fittings and other components conforming to any of the plastics product standards listed in Annex C can be used with pipes and fittings conforming to this document, provided they conform to the requirements for joint dimensions given in Clause 7 and to the requirements of Table 15.

Keel: en

Alusdokumendid: prEN 1401-1

Asendab dokumenti: EVS-EN 1401-1:2009

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 12759-4

Fans - Efficiency classification for fans - Part 4: Driven fans at maximum operating speed (ISO/DIS 12759-4:2018)

This international standard deals with the classification of fan efficiency for all fan types driven by motors of nominal rating 0.125kW and above. This standard may be used by legislators or regulatory bodies for defining future energy saving targets. This applies to the fan (driven) only but not to the system (finished Original Equipment Manufacturer's product, e.g. box fans and roof fans or ventilation system) in which it is installed.

Keel: en

Alusdokumendid: ISO/DIS 12759-4; prEN ISO 12759-4

Asendab dokumenti: EVS-EN ISO 12759:2015

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 9809-1

Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1 100 MPa (ISO/DIS 9809-1:2018)

This part of ISO 9809 specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at time of manufacture for - refillable seamless steel gas cylinders and tubes - water capacities up to and including 450 l - compressed, liquefied and dissolved gases - quenched and tempered steel cylinders and tubes with a maximum actual tensile strength R_{ma} of less than 1 100 MPa.

Keel: en

Alusdokumendid: ISO/DIS 9809-1; prEN ISO 9809-1

Asendab dokumenti: EVS-EN ISO 9809-1:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 9809-2

Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 2: Quenched and tempered steel cylinders and tubes with tensile strength greater than or equal to 1 100 MPa (ISO/DIS 9809-2:2018)

This part of ISO 9809 specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at time of manufacture for - refillable seamless steel gas cylinders and tubes - of water capacities up to and including 450 l - for compressed, liquefied and dissolved gases. - quenched and tempered steel cylinders and tubes with an actual tensile strength $R_{ma} \geq 1\ 100$ MPa. It is not applicable to: - cylinders and tubes with R_{ma} , max > 1 300 MPa for diameters > 140 mm and guaranteed wall thicknesses $a' \geq 12$ mm and - cylinders and tubes with R_{ma} , max > 1 400 MPa for diameters ≤ 140 mm and guaranteed wall thicknesses $a' \geq 6$ mm, because beyond these limits, additional requirements can apply.

Keel: en

Alusdokumendid: ISO/DIS 9809-2; prEN ISO 9809-2

Asendab dokumenti: EVS-EN ISO 9809-2:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 9809-3

Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 3: Normalized steel cylinders and tubes (ISO/DIS 9809-3:2018)

This part of ISO 9809 specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at the time of manufacture for - refillable seamless steel gas cylinders and tubes - water capacities up to and including 450 l - compressed, liquefied and dissolved gases. - normalized or normalized and tempered steel cylinders and tubes

Keel: en

Alusdokumendid: ISO/DIS 9809-3; prEN ISO 9809-3

Asendab dokumenti: EVS-EN ISO 9809-3:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

25 TOOTMISTEHNOLLOOGIA

prEN ISO/ASTM 52900

Additive manufacturing - General principles - Terminology (ISO/ASTM DIS 52900:2018)

This International Standard establishes and defines terms used in additive manufacturing (AM) technology, which applies the additive shaping principle and thereby builds physical three-dimensional (3D) geometries by successive addition of material. The terms have been classified into specific fields of application. New terms emerging from the future work within ISO/TC 261 and ASTM F42 will be included in upcoming amendments and overviews of this International Standard.

Keel: en

Alusdokumendid: ISO/ASTM DIS 52900; prEN ISO/ASTM 52900

Asendab dokumenti: EVS-EN ISO/ASTM 52900:2017

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO/ASTM 52902

Additive manufacturing - Test artefacts - Standard guideline for geometric capability assessment of additive manufacturing systems (ISO/ASTM DIS 52902:2018)

This document covers the general description of benchmarking test piece geometries along with quantitative and qualitative measurements to be taken on the benchmarking test piece(s) to assess the performance of additive manufacturing (AM) systems. The benchmarking test piece(s) is primarily used to quantitatively assess the geometric performance of an AM system. The standard describes a suite of test geometries, each designed to investigate one or more specific performance metrics, and several example configurations of these geometries into test piece(s). The standard prescribes quantities and qualities of the test geometries to be measured, but does not dictate specific measurement methods. Various user applications may require various grades of performance. This standard discusses examples of feature configurations as well as measurement uncertainty requirements to demonstrate low and high grade examination and performance. This standard does not discuss a specific procedure or machine settings for manufacturing a test piece although these should be recorded as per ASTM F2971 and other relevant process specific specifications.

Keel: en

Alusdokumendid: ISO/ASTM DIS 52902; prEN ISO/ASTM 52902

Arvamusküsitluse lõppkuupäev: 16.07.2018

29 ELEKTROTEHNIKA

FprEN 4706

Aerospace series - LED colour and brightness ranking

This European Standard defines selection ranks for LED Luminaires, and LEDs including OLEDs for the use in aircraft lighting. The size of these ranks is defined by the use of grades. This European Standard is valid for photopic light levels only.

Keel: en

Alusdokumendid: FprEN 4706

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 60480

Specification for re-use of SF6 and its mixtures in electrical equipment

Sulphur hexafluoride (SF6), Nitrogen (N2) and Carbon Tetrafluoride (CF4), are gases commonly used for electrical equipment. Taking into account environmental concerns, particular attention shall be paid to re-use criteria for SF6 and its mixtures with N2 and CF4 as used in electrical equipment. This International Standard provides criteria for re-use of SF6 and its mixtures after recovery and reclaiming from electrical equipment (e.g. for maintenance, at the end-of-life). Procedures for recovering and reclaiming used SF6 and its mixtures are out of the scope of this Standard and are described in IEC 62271-4. Description of the different methods of analysis, by-products, procedure for evaluating the potential health effects from by-products, cryogenic reclaiming of SF6, and reclaiming recommendations are provided in the annexes of this standard. Storage, transportation and disposal of SF6 and its mixtures are out of the scope of this Standard and are covered by IEC 62271-4. Procedures to determine SF6 leakages are described in IEC 60068-2-17. For the purposes of this document, the complementary gases used in SF6 mixtures will be limited to N2 or CF4.

Keel: en

Alusdokumendid: IEC 60480:201X; prEN 60480

Asendab dokumenti: EVS-EN 60480:2005

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 60947-5-2:2018

Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches

The provisions of the general rules in IEC 60947-1 are applicable to this document, where specifically called for. General rules clauses and subclauses thus applicable, as well as tables, figures and annexes, are identified by references to IEC 60947-1, e.g. subclause 7.1.9.3 of IEC 60947-1:2007 or Annex C of IEC 60947-1:2007, IEC 60947-1:2007/AMD1:2010. Clauses 1 to 9 contain the general requirements. Additional information for the various types of proximity switches are given in Annex A. This part of IEC 60947 applies to inductive and capacitive proximity switches that sense the presence of metallic and/or non-metallic objects, ultrasonic proximity switches that sense the presence of sound reflecting objects, photoelectric proximity switches that sense the presence of objects and non-mechanical magnetic proximity switches that sense the presence of objects with a magnetic field. Products covered by the scope of this standard are not subjected to defined behaviors under fault conditions. Proximity switches with defined behavior are covered by IEC 60947-5-3 and have to fulfil additional requirements. These proximity switches are self-contained, have semiconductor switching element(s) and are intended to be connected to circuits, the rated voltage of which does not exceed 250 V 50 Hz/60 Hz AC RMS or 300 V DC. Examples of typical applications for in-scope products: – factory automation and machinery industry; – logistic and packaging industry; – conveyor belts, lifts; – process industry; – power plants. Special applications (e.g. corrosive atmosphere) can cause additional requirements. This document is not intended to cover proximity switches with analogue outputs. The object of this document is to state for proximity switches: – definitions; – classification; – characteristics; – product information; – normal service, mounting and transport conditions; – constructional and performance requirements; – tests to verify rated characteristics. Products covered by the scope of this document are expected to be selected, installed, and maintained by skilled personnel only.

Keel: en

Alusdokumendid: IEC 60947-5-2:201X; prEN 60947-5-2:2018
Asendab dokumenti: EVS-EN 60947-5-2:2008
Asendab dokumenti: EVS-EN 60947-5-2:2008/A1:2012

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 61293:2018

Marking of electrical equipment with ratings related to electrical supply - Safety requirements

This International Standard establishes minimum requirements and general rules on marking electric equipment with ratings and other characteristics to enable the proper and safe selection and installation of electric equipment related to any supply of electricity. The object of this standard is to: • provide general requirements for marking of the characteristics related to any supply system, such as voltage, current, frequency and power without any restrictions; • provide technical committees with uniform methods for the marking of electrical ratings of products. This publication is primarily intended for application by technical committees when specifying minimum markings of ratings related to any electrical supply of equipment, sub-assemblies and components, but is also applicable for application by product manufacturers for marking their products. NOTE For further markings see ISO/IEC Guide 51.

Keel: en

Alusdokumendid: IEC 61293:201X; prEN 61293:2018
Asendab dokumenti: EVS-EN 61293:2001

Arvamusküsitluse lõppkuupäev: 16.07.2018

31 ELEKTROONIKA

prEN 60747-16-6:2018

Semiconductor devices - Part 16-6: Microwave integrated circuits - Frequency multipliers

This part of IEC 60747 specifies the terminology, essential ratings and characteristics, and measuring methods of microwave integrated circuit frequency multipliers.

Keel: en

Alusdokumendid: IEC 60747-16-6:201X; prEN 60747-16-6:2018

Arvamusküsitluse lõppkuupäev: 16.07.2018

33 SIDETEHNIKA

prEN 50411-4-1

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications - Part 4-1: Passive optical street cabinet for category A

This European Standard covers street cabinets for up to 1440 fibre connections for use in outside plant environments under category A according to EN 61753-1:Ed2. This document contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements of a fully installed passive optical fibre street cabinet, in order for it to be categorised as an EN standard product. The street cabinet is a housing containing modular fibre management systems with splice trays for various fibre separation levels and connector mounting plates. The street cabinet may contain one or more of the following: storage and/or routing of cable; through-box/uncut fibre, cable storage; connectors passive optical devices.

Keel: en

Alusdokumendid: prEN 50411-4-1

Arvamusküsitluse lõppkuupäev: 16.06.2018

35 INFOTEHNOLOOGIA

prEN 17099

Fish and seafood products - Requirements for labelling of distribution units and pallets in the trade of fish and seafood products

This standard specifies design requirements for labels to be used on distribution units and pallets for seafood products, ensuring a uniform label design that will facilitate the flow of information on the products and on their production along the value chain, including traceability information using text and machine readable codes in the form of bar codes. The traceability of fish is generally covered by ISO 12875 and ISO 12877. This standard will not cover consumer packaging. The standard will consider radio frequency identification (RFID) and 2D bar codes as part of the scope.

Keel: en

Alusdokumendid: prEN 17099

Arvamusküsitluse lõppkuupäev: 16.07.2018

45 RAUDTEETEHNIKA

prEN 62290-3:2018

Railway applications - Urban guided transport management and command/control systems - Part 3: System requirements specifications

This part of IEC 62290 specifies the system architecture for Urban Guided Transport Management and Command/Control systems (UGTMS) as defined in part 1 and 2, and the allocation of functions and requirements defined in part 2 to the different UGTMS subsystems (designated as system constituents in parts 1 and 2), for use in urban guided passenger transport lines and networks. This part of IEC 62290 is applicable for new lines or for upgrading existing signalling and command control systems. This part of IEC 62290 is applicable to applications using: • continuous data transmission • continuous supervision of train movements by train protection profile • localisation by reporting trains, and optionally by external wayside equipment for non-reporting ones (e.g. in case of mixed operation or degraded operation) This standard is not applicable to existing command and control systems or projects in progress prior to the effective date of this standard. The functional allocations of the UGTMS subsystems are mandatory (forming a sort of core system) or optional, according to the mandatory/optional functions and requirements defined in part 2. This part of the standard is applicable as a basis to define FIS and FFFIS. For specific applications, some elements may be added to meet the requirements coming from additional functions or equipment.

Keel: en

Alusdokumendid: IEC 62290-3:201X; prEN 62290-3:2018

Arvamusküsitluse lõppkuupäev: 16.07.2018

47 LAEVAEHITUS JA MERE-EHITISED

FprEN 4708-103

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 103: Fluoroelastomer sleeves - Operating temperature -55 °C to 200 °C - Product standard

This European Standard specifies the required characteristics for two types a heat-shrinkable, fluoroelastomer sleeving for use in aircraft electrical systems at operating temperatures between -55 °C and 200 °C. Type A Thick wall Type B Thin wall This sleeving has good flexibility, is flame retarded and has a thick wall for mechanical protection. It is for use in areas subject to prolonged contamination by aircraft fuel and fluids with the exception of phosphate ester-based hydraulic fluids. The standard colour is black. These sleeveings are normally supplied with internal diameters up to 50 mm for shrink ratios of 2:1. They are available in black only. Sizes other than those specifically listed in this standard may be available. These items shall be considered to comply with this standard if they comply with the property requirements listed in Tables 2, 3 and 4 except for dimensions and mass.

Keel: en

Alusdokumendid: FprEN 4708-103

Arvamusküsitluse lõppkuupäev: 16.07.2018

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 2267-010

Aerospace series - Cables, electrical, for general purpose - Operating temperatures between -55 °C and 260 °C - Part 010: DR family, single UV laser printable - Product standard

This European Standard specifies the characteristics of UV laser printable electrical lightweight wires DR family for use in the on-board up to 115 V (phase to neutral) or 200 V (phase to phase) AC and 28 Vdc and electrical systems of aircraft at operating temperatures between -55 °C and 260 °C. These cables are demonstrated to be arc resistant in sizes AWG 26 to 14 (115/200 Vac). In addition, these cables may be suitable for use up to 230/400 Vac in pressurised zones only when installed to take account of possible short circuit effects. Other electrical system configurations is the responsibility of the users.

Keel: en

Alusdokumendid: FprEN 2267-010

Asendab dokumenti: EVS-EN 2267-010:2017

Arvamusküsitluse lõppkuupäev: 16.07.2018

FprEN 4611-003

Aerospace series - Cables, electrical, for general purpose, single and multicore assembly - XLETFE Family - Part 003: Tin plated copper - Operating temperatures, between -65 °C and 135 °C - Single extruded wall for enclosed applications - UV laser printable - Product standard

This European Standard specifies the characteristics of UV laser printable, tin plated copper conductor electrical cables Crosslinked Ethylene Tetra Fluoro Ethylene co-polymer (XLETFE) family for use in the on-board electrical systems of aircraft operating at temperatures between -65 °C and 135 °C. The voltage rating is 600 Vrms at sea level. This insulation system has been used in aerospace applications using 115 Vac (phase-to-neutral) 400 Hz and 28 Vdc. Verification of the suitability of cables for use in other electrical systems is the responsibility of the user. These cables are only suitable for airframe use with additional protection against mechanical abuse. In case of conflict between this standard and other referenced documents the requirements of this standard shall take precedence.

Keel: en

Alusdokumendid: FprEN 4611-003

Asendab dokumenti: EVS-EN 4611-003:2012

Arvamusküsitluse lõppkuupäev: 16.07.2018

FprEN 4681-005

Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 005: AZ family, single, for use in low pressure atmosphere - Product standard

This European Standard specifies the characteristics of electrical wires AZ family for use in the on board: 115 V (phase to neutral) or 200 V (phase to phase) electrical network of aircraft. 230 V (phase to neutral) or 400 V (phase to phase) electrical network of aircraft and particularly use in non-pressurized areas. This cable family is used at operating temperature between 65 °C and 180 °C.

Keel: en

Alusdokumendid: FprEN 4681-005

Asendab dokumenti: EVS-EN 4681-005:2015

Arvamusküsitluse lõppkuupäev: 16.07.2018

FprEN 4681-006

Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 006: AZA family, single and multicore assembly, for use in low pressure atmosphere - Product standard

This European Standard specifies the characteristics of electrical wires AZA family for use in the on board: 115 V (phase to neutral) or 200 V (phase to phase) electrical network of aircraft. 230 V (phase to neutral) or 400 V (phase to phase) electrical network of aircraft and particularly use in non-pressurized areas. This cable family is used at operating temperature between 65 °C and 180 °C.

Keel: en

Alusdokumendid: FprEN 4681-006

Asendab dokumenti: EVS-EN 4681-006:2015

Arvamusküsitluse lõppkuupäev: 16.07.2018

FprEN 4706

Aerospace series - LED colour and brightness ranking

This European Standard defines selection ranks for LED Luminaires, and LEDs including OLEDs for the use in aircraft lighting. The size of these ranks is defined by the use of grades. This European Standard is valid for photopic light levels only.

Keel: en

Alusdokumendid: FprEN 4706

Arvamusküsitluse lõppkuupäev: 16.07.2018

FprEN 4859

Aerospace series - Sensor based clamp load determination / high tensile bolts - Technical specification

This document specifies the technical, qualification and quality assurance requirements for sensor based clamp load measurement systems for high tensile bolts and other clamp load sensitive elements. Primarily for aerospace applications, it is applicable to such products when referenced on the product standard or drawing.

Keel: en

Alusdokumendid: FprEN 4859

Arvamusküsitluse lõppkuupäev: 16.07.2018

53 TÖSTE- JA TEISALDUS-SEADMED

prEN 1459-5

Rough-terrain trucks - Safety requirements and verification - Part 5: Attachments and attachment interface

This document specifies requirements for the interchangeable equipment and interchangeable equipment interface of rough-terrain non-slewing and slewing variable reach trucks (hereafter referred to as "trucks") dealt with in EN 1459-1, EN 1459-2 and prEN 1459-4. This document does not cover tools since they are covered in EN 1459-1 and EN 1459-2. This document only covers interchangeable equipment fitted to the interchangeable equipment interface on the telescopic boom. This document does not cover: - interchangeable equipment designed for lifting person(s); - power transmission between the truck and the interchangeable equipment if realized by means other than hydraulic; - interchangeable equipment for container handling; - equipment permanently installed on the machine and not intended to be removed by the user; NOTE In this case equipment becomes part of the truck. - visibility for interchangeable equipment exceeding dimensional limits defined in B.3.1.

Keel: en

Alusdokumendid: prEN 1459-5

Arvamusküsitluse lõppkuupäev: 16.06.2018

prEN 17076

Tower cranes - Anti-collision systems - Safety requirements

This document specifies the requirements of anti-collision devices and systems installed on tower cranes (as defined in EN 14439) to avoid the risks of collision between several cranes in service, between a crane in use and fixed obstacles, and over prohibited zones. It also specifies the requirements for working range limiting devices. Anti-collision devices and systems and working range limiting devices according to this document are safety components. It applies to anti-collision devices manufactured after the publication of this document. NOTE For anti-collision systems used to avoid the risk of collision with power lines, additional requirements might be necessary. This document defines the safety characteristics and requirements of anti-collision devices and systems intended for installation on self-erecting tower cranes and tower cranes erected from parts. In particular: - performance level; - information to be provided by the sensors installed on the crane; - operation, particularly in the event of failure, override and free jib slewing states of a crane; - type of communication between devices; - information for the crane operator and outside indicator. It also specifies the requirements for marking the device or the system and the content of the instructions for use. The significant hazards covered by this document are identified in Clause 4. This document is not applicable to anti-collision devices and systems which are manufactured before the date of publication by CEN of this document.

Keel: en

Alusdokumendid: prEN 17076

Arvamusküsitluse lõppkuupäev: 16.06.2018

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 10722

Geosynthetics - Index test procedure for the evaluation of mechanical damage under repeated loading - Damage caused by granular material (Laboratory test method) (ISO/DIS 10722:2018)

This International Standard describes an index test procedure for simulating mechanical damage to geosynthetics, caused by granular material, under repeated loading. The damage is assessed visually and by the loss of tensile strength. Other reference tests may be used to assess the damage caused by this test. The test method described is an index test procedure, using a standard granular material, and should not be used for the derivation of a reduction factor for geosynthetic soil reinforcement.

Keel: en

Alusdokumendid: ISO/DIS 10722; prEN ISO 10722

Asendab dokumenti: EVS-EN ISO 10722:2007

Arvamusküsitluse lõppkuupäev: 16.07.2018

67 TOIDUAINETE TEHNOLOOGIA

prEN 15633-1

Foodstuffs - Detection of food allergens by immunological methods - Part 1: General considerations

This document provides an overall framework covering qualitative and quantitative methods for the determination of food allergens and allergenic ingredients using antibody-based methods in foods. This European Standard specifies general guidelines and performance criteria for antibody-based methods for the detection and quantification of proteins that serve as markers for the presence of allergy provoking foods or food ingredients. Other methods than those described can also detect and identify the proteins. Guidelines, minimum requirements and performance criteria laid down in this European Standard are intended to ensure that comparable and reproducible results are obtained by different analysts in food premises and laboratories.

Keel: en

Alusdokumendid: prEN 15633-1

Asendab dokumenti: EVS-EN 15633-1:2009

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 15634-2

Foodstuffs - Detection of food allergens by molecular biological methods - Part 2: Celery (Apium graveolens) - Detection of a specific DNA sequence in cooked sausages by real-time PCR

This document specifies a method for the detection of celery (*Apium graveolens*) in emulsion-type sausages (e.g. Frankfurter, Wiener). Real-time PCR detection of celery is based on an 101 bp (base pair) sequence from the gene of the mannitol dehydrogenase (GenBank Acc. No. AF067082) of celery (*Apium graveolens*). The method has been validated on emulsion-type sausages (Bavarian "Leberkäse") spiked with celery. For this purpose meat batter containing mass fractions of 50 % pork meat, 25 % pork fat, 23 % crushed ice and 1,8 % of a mixture of sodium chloride, nitrite, nitrate, phosphates and ascorbates was prepared according to a standard procedure for emulsion-type sausage. The meat batter was spiked with either ground celery seeds or celery root powder to 1000 mg/kg. Lower spiking levels were obtained by diluting with celery-free meat batter. The batter was stuffed into casings and heated at 65 °C for 60 min [2].

Keel: en

Alusdokumendid: prEN 15634-2

Asendab dokumenti: CEN/TS 15634-2:2012

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 15842

Foodstuffs - Detection of food allergens - General considerations and validation of methods

This document specifies how to use the standards for immunoassays, nucleic based and chromatographic methods and their relationship in the analysis of food allergens; and contains general definitions, requirements and guidelines for laboratory set-up, method validation requirements, description of methods, and test reports. This document also specifies general guidelines for the requirements and use of reference materials for the determination of allergenic commodities in food products. The term "reference materials" in this document includes certified reference materials as well as quality control materials. Currently only a limited number of reference materials for food allergen determination are available. As new materials become accepted and validated, they can be appended as an annex to this document. This document does not deal with sampling issues. It simply details processes involved from receipt of the laboratory sample to the end result.

Keel: en

Alusdokumendid: prEN 15842

Asendab dokumenti: EVS-EN 15842:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 17099

Fish and seafood products - Requirements for labelling of distribution units and pallets in the trade of fish and seafood products

This standard specifies design requirements for labels to be used on distribution units and pallets for seafood products, ensuring a uniform label design that will facilitate the flow of information on the products and on their production along the value chain, including traceability information using text and machine readable codes in the form of bar codes. The traceability of fish is generally covered by ISO 12875 and ISO 12877. This standard will not cover consumer packaging. The standard will consider radio frequency identification (RFID) and 2D bar codes as part of the scope.

Keel: en

Alusdokumendid: prEN 17099

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 17250

Foodstuffs - Determination of ochratoxin A in paprika, chilli, black & white pepper, nutmeg, spice mix, liquorice, cocoa and cocoa products by immunoaffinity column clean-up and high performance liquid chromatography with fluorescence detection

This document describes a procedure for the determination of ochratoxin A (OTA) in chilli, paprika, black and white pepper, nutmeg, spice mix, liquorice (root and extracts), cocoa and cocoa products by high performance liquid chromatography (HPLC) with immunoaffinity column clean-up and fluorescence detection. This method has been validated in interlaboratory studies via the analysis of both naturally contaminated and spiked samples ranging from 1,0 µg/kg to 84,9 µg/kg for spices (paprika and chilli [5], black and white pepper, nutmeg and spice mix [6]), ranging from 7,7 µg/kg to 96,8 µg/kg for liquorice [7] and ranging from 2,1 µg/kg to 26,3 µg/kg for cocoa and cocoa products [6]. For further information on the validation see clause 9 and Annex B.

Keel: en

Alusdokumendid: prEN 17250

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 17251

Foodstuffs - Determination of ochratoxin A in pork meat and derived products by high performance liquid chromatography with fluorescence detection (HPLC-FLD)

This document describes a procedure for the determination of ochratoxin A (OTA) in pork products specifically ham, pork based products (canned chopped pork) and pork liver using high performance liquid chromatography with fluorescence detection (HPLC-FLD). The method has been validated for ochratoxin A with naturally contaminated ham, pork based products (canned chopped pork) and pork liver containing 0,5 µg/kg to 11 µg/kg [4, 5, 6]. Laboratory experiences have shown that this method is also applicable to pâté and kidney [4].

Keel: en

Alusdokumendid: prEN 17251

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 17252

Foodstuffs - Determination of phomopsin A in lupin seeds and lupin derived products by LC-MS/MS

This document describes a procedure for the determination of phomopsins in lupin seeds and lupin-derived products based on liquid chromatography with tandem mass spectrometry (LC-MS/MS). Several phomopsins exist, i.e. phomopsin A, B, C and D, but the method only deals with the quantitative measurement of phomopsin A due to lack of commercially available analytical reference standards for the other phomopsins. The method has been validated for phomopsin A in naturally contaminated lupin seeds, lupin flour and crisp bread at levels ranging from approximately 5 µg/kg to 60 µg/kg.

Keel: en

Alusdokumendid: prEN 17252

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 17254

Foodstuffs - Minimum performance requirements for determination of gluten by ELISA

This document specifies minimum method performance requirements for enzyme-linked immunosorbent assays that quantify non-fragmented or fragmented gluten from wheat (e.g. *Triticum aestivum*), rye, and barley in raw and processed foodstuffs..

Keel: en

Alusdokumendid: prEN 17254

Arvamusküsitluse lõppkuupäev: 16.07.2018

71 KEEMILINE TEHNOLOOGIA

prEN 1276

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1)

This European Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water or - in the case of ready-to-use products - with water. Products can only be tested at a concentration of 80 % or less, as some dilution is always produced by adding the test organisms and interfering substance. This document applies to products that are used in food, industrial, domestic and institutional areas excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues except those for hand hygiene in the above considered areas. The following areas are at least included: a) processing, distribution and retailing of: 1) food of animal origin: milk and milk products; meat and meat products; fish, seafood, and related products; eggs and egg products; animal feeds; etc. 2) food of vegetable origin: beverages; fruits, vegetables and derivatives (including sugar, distillery, etc.); flour, milling and baking; animal feeds; etc. b) institutional and domestic areas: catering establishments; public areas; public transports; schools; nurseries; shops; sports rooms; waste containers (bins, etc.); hotels; dwellings; clinically non sensitive areas of hospitals; offices; etc. c) other industrial areas: packaging material; biotechnology (yeast, proteins, enzymes, etc.); pharmaceutical; cosmetics and toiletries; textiles; space industry, computer industry; etc. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations". NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used. NOTE 2 This method corresponds to a phase 2 step 1 test.

Keel: en

Alusdokumendid: prEN 1276

Asendab dokumenti: EVS-EN 1276:2009

Asendab dokumenti: EVS-EN 1276:2009/AC:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 15154-5

Emergency safety showers - Part 5: Water overhead body showers for sites other than laboratories

This document is a product specification, giving performance requirements for water overhead emergency safety body showers installed on industrial and logistic sites, (in combination with safety eyewashes and hand-held showers as well), a) which are permanently connected to a water supply or b) which are equipped with a store tank and optionally connected to an uninterrupted or a temporary water supply. Emergency safety body showers using fluid other than water are not considered in this standard. This standard also specifies requirements in respect of installation, adjustment and marking of the showers as well as operation and maintenance instructions to be given by the manufacturer. NOTE 1 Plumbed-in body showers designed for laboratory facilities are dealt with in EN 15154-1. NOTE 2 Water multiple nozzle body showers for sites other than laboratories are dealt with in prEN 15154-6. NOTE 3 Attention is drawn to national regulations which may apply in respect of the installation and use of emergency safety showers

Keel: en

Alusdokumendid: prEN 15154-5

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 15154-6

Emergency safety showers - Part 6: Plumbed-in multiple nozzle body showers for sites other than laboratories

This document is a product specification, giving performance requirements for plumbed-in multiple nozzle emergency safety body showers which are permanently connected to a water supply and installed on industrial and logistic sites. Emergency safety body showers using fluid other than water are not considered in this standard. This standard also specifies requirements in respect of installation, adjustment and marking of the showers as well as operation and maintenance instructions to be given by the manufacturer. NOTE 1 Plumbed-in emergency safety body showers designed for laboratory facilities are dealt with in EN 15154-1. NOTE 2 Water overhead body showers for sites other than laboratories are dealt with in prEN 15154-5. NOTE 3 Attention is drawn to national regulations which may apply in respect of the installation and use of emergency safety showers.

Keel: en

Alusdokumendid: prEN 15154-6

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 1650

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1)

This document specifies a test method and the minimum requirements for fungicidal or yeasticidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water or - in the case of ready-to-use-products - with water. Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms and interfering substance. This document applies to products that are used in food, industrial, domestic and institutional areas excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues except those for hand hygiene in the above considered areas. The following areas are at least included: a) processing, distribution and retailing of: 1) food of animal origin: 2) food of vegetable origin: milk and milk products; beverages; meat and meat products; fruits, vegetables and derivatives (including sugar, distillery ...); fish, seafood, and related products; flour, milling and baking; eggs and egg products; - animal feeds; etc. b) institutional and domestic areas: - catering establishments; public areas; public transports; schools; nurseries; shops; sports rooms; waste containers (bins ...); hotels; dwellings; clinically non-sensitive areas of hospitals; offices; etc. c) other industrial areas: - packaging material; biotechnology (yeast, proteins, enzymes, ...); pharmaceutical; cosmetics and toiletries; textiles; space industry, computer industry; etc. EN 14885 specifies in detail the relationship of the various tests to one another and to use recommendations. NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used. NOTE 2 This method corresponds to a phase 2 step 1 test.

Keel: en

Alusdokumendid: prEN 1650

Asendab dokumenti: EVS-EN 1650:2008+A1:2013

Arvamusküsitluse lõppkuupäev: 16.07.2018

73 MÄENDUS JA MAAVARAD

prEVS-ISO 562

Kivisüsi, koks, põlevkivi. Lenduvate ainete määramine Hard coal and coke, oil shale - Determination of volatile matter (ISO 562:2010, modified)

See rahvusvaheline standard käsitleb lenduvate ainete määramist kivisöes, koksis [MOD] ja põlevkivis. [MOD]. Seda ei kohaldata pruunsöele ja ligniitidele.

Keel: en

Alusdokumendid: ISO 562:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

75 NAFTA JA NAFTATEHNOLOOGIA

prEVS-ISO 562

Kivisüsi, koks, põlevkivi. Lenduvate ainete määramine Hard coal and coke, oil shale - Determination of volatile matter (ISO 562:2010, modified)

See rahvusvaheline standard käsitleb lenduvate ainete määramist kivisöes, koksis [MOD] ja põlevkivis. [MOD]. Seda ei kohaldata pruunsöele ja ligniitidele.

Keel: en

Alusdokumendid: ISO 562:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

77 METALLURGIA

EN 10216-2:2013/prA1

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

This European Standard specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel. This Part of EN 10216 may also be applied for tubes of non-circular cross section; necessary modification should be agreed at the time of enquiry and order. NOTE Once this standard is published in the Official Journal of the European Union (OJEU) under Directive 97/23/EC, presumption of conformity to the Essential Safety Requirements (ESR) of Directive 97/23/EC is limited to technical data of materials in this standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive are satisfied, needs to be done by the designer or manufacturer of the pressure equipment, taking also into account the subsequent manufacturing processes which may affect properties of the base materials.

Keel: en

Alusdokumendid: EN 10216-2:2013/prA1

Muudab dokumenti: EVS-EN 10216-2:2013

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN ISO 4022

Permeable sintered metal materials - Determination of fluid permeability (ISO/FDIS 4022:2018)

This document specifies a method for the determination of the fluid permeability of permeable sintered metal materials in which the porosity is deliberately continuous or interconnecting, testing being carried out under such conditions that the fluid permeability can be expressed in terms of viscous and inertia permeability coefficients (see Annex A). This document does not apply to very long hollow cylindrical test pieces of small diameter, in which the pressure drop of the fluid in passing along the bore of the cylinder might not be negligible compared with the pressure drop of the fluid passing through the wall thickness (see Annex A, Clause A.5).

Keel: en

Alusdokumendid: ISO/FDIS 4022; prEN ISO 4022

Asendab dokumenti: EVS-EN ISO 4022:2006

Arvamusküsitluse lõppkuupäev: 16.07.2018

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN 12878

Pigments for the colouring of building materials based on cement and/or lime - Specifications and methods of test

This document specifies the characteristics and the methods of test for pigments for use in the colouring of building materials based on cement and cement/lime combinations. Pigments covered by this document may also be used in pure lime mortar. For this application, see EN 459-1 and EN 459-2. Pigments for this purpose may be single pigments, blends of pigments, or blends of pigments and extenders, in powder or granular form, or aqueous preparations. Pigments typically belong to one of the following classes of compounds: - synthetic or natural oxides and hydroxides of iron; - oxides of chromium, titanium and manganese; - complex inorganic pigments, for example combinations of the above mentioned metal oxides and hydroxides with cobalt, aluminium, nickel and antimony oxides and hydroxides; - ultramarine pigments; - phthalocyanine blue and green; - elemental carbon (shall be regarded as an inorganic pigment); - blends of the above materials (which may also include extenders).

Keel: en

Alusdokumendid: prEN 12878

Asendab dokumenti: EVS-EN 12878:2014

Arvamusküsitluse lõppkuupäev: 16.07.2018

91 EHITUSMATERJALID JA EHITUS

prEN 12878

Pigments for the colouring of building materials based on cement and/or lime - Specifications and methods of test

This document specifies the characteristics and the methods of test for pigments for use in the colouring of building materials based on cement and cement/lime combinations. Pigments covered by this document may also be used in pure lime mortar. For this application, see EN 459-1 and EN 459-2. Pigments for this purpose may be single pigments, blends of pigments, or blends of pigments and extenders, in powder or granular form, or aqueous preparations. Pigments typically belong to one of the following classes of compounds: - synthetic or natural oxides and hydroxides of iron; - oxides of chromium, titanium and manganese; - complex inorganic pigments, for example combinations of the above mentioned metal oxides and hydroxides with cobalt, aluminium, nickel and antimony oxides and hydroxides; - ultramarine pigments; - phthalocyanine blue and green; - elemental carbon (shall be regarded as an inorganic pigment); - blends of the above materials (which may also include extenders).

Keel: en

Alusdokumendid: prEN 12878

Asendab dokumenti: EVS-EN 12878:2014

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 13358

Bitumen and bituminous binders - Determination of the distillation characteristics of cut-back and fluxed bituminous binders made with mineral fluxes

This document specifies a method for the determination of the distillation characteristics of cut-back and fluxed bituminous binders made with mineral fluxes. **WARNING** - The use of this European Standard can involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 13358

Asendab dokumenti: EVS-EN 13358:2010

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 13791

Assessment of in-situ compressive strength in structures and precast concrete components

(1) This document: - gives methods and procedures for the estimation of the in-situ compressive strength and characteristic in-situ compressive strength of concrete in structures and precast concrete components using direct methods (core testing) and indirect methods, e.g. ultra-sonic pulse velocity, rebound number; - provides principles and guidance for establishing the relationships between test results from indirect test methods and the in-situ compressive strength; - provides procedures and guidance for assessing the conformity with the compressive strength class of a recently supplied concrete. (2) This document provides requirements for determining the in-situ strength at test locations and the characteristic strength of test regions, but how this information is to be applied needs to be considered in the light of the specific situation and engineering judgement applied to the specific case. (3) This document does not include the assessment of the quality of concrete for properties other than compressive strength, e.g. durability-related properties. (4) This document is not for the assessment of conformity of concrete compressive strength in accordance with EN 206 or EN 13369, except as indicated in EN 206:2013+A1:2016, 5.5.1.2 or 8.4. (5) This document does not cover the procedures or criteria for the routine conformity control of precast concrete components using either direct or indirect measurements of the in-situ strength.

Keel: en

Alusdokumendid: prEN 13791

Asendab dokumenti: EVS-EN 13791:2007

Arvamusküsitluse lõppkuupäev: 16.06.2018

prEN 33

WC pans and WC suites - Connecting dimensions

This document specifies the connecting dimensions of WC pans and WC suites regardless of the materials used for their manufacture. This document does not apply to siphonic action WC pans and WC suites. NOTE 1 Other connecting dimensions are permitted, e. g. special designs of WC pans, if the manufacturer supplies or recommends the appropriate fittings. NOTE 2 The shape of the appliance in the figures is for illustration only; it in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

Keel: en

Alusdokumendid: prEN 33

Asendab dokumenti: EVS-EN 33:2011

Asendab dokumenti: EVS-EN 33:2011/AC:2013

Arvamusküsitluse lõppkuupäev: 16.07.2018

97 OLME. MEELELAHUTUS. SPORT

EN 527-2:2016/prA1

Office furniture - Work tables - Part 2: Safety, strength and durability requirements

This European Standard specifies safety, strength and durability requirements on work tables. It does not apply to other tables in the office area for which EN standard exists (EN 15372). Annex A (informative) contains a test for deflection of tables tops.

Keel: en

Alusdokumendid: EN 527-2:2016/prA1

Muudab dokumenti: EVS-EN 527-2:2016

Arvamusküsitluse lõppkuupäev: 16.07.2018

prEN 1466

Child use and care articles - Carry cots and stands - Safety requirements and test methods

This European Standard document specifies safety requirements and test methods for products which are intended for the purpose of carrying a child in a lying position by means of handle(s) and for stands which may be used in conjunction with these products (see C.2). These products are intended for a child who cannot sit unaided, roll over or push up on its hands and knees, with a maximum weight of 9 kg. Hereafter, in this European Standard these products are called "carry cots" and include all types of carry cot with rigid or soft sides as well as Moses baskets and any similar products. This European Standard has not considered the requirements of children with special needs.

Keel: en

Alusdokumendid: prEN 1466

Asendab dokumenti: EVS-EN 1466:2014

Asendab dokumenti: EVS-EN 1466:2014/AC:2015

Arvamusküsitluse lõppkuupäev: 16.07.2018

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 828:2009

Sertifikaadid Eesti Vabariigi isikutunnistusel Certificates on identity card of Republic of Estonia

Standard kirjeldab Eesti Vabariigi isikutunnistusele (ID-kaart) kantavate digitaalsete sertifikaatide profiili. Standardi lisa A esitatakse tehniline lisainformatsioon ning tuuakse ära sertifikaatide näidised.

Pikendamisküsitluse lõppkuupäev: 16.06.2018

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 846:2013

Hoone kanalisatsioon

Draining system inside buildings

See standard kehtib hoone kanalisatsioonile, mille kaudu reoveed suubuvad linna, asula ühiskanalisatsiooni või otse loodusesse (veekogusse või pinnasesse). Hoone kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) kuni hoone välisseinani ja võimalike eelpuhastitega hoones (joonis 1). Standardis ei käsitleta tulekustutuspaigaldiste rakendamisel või katsetamisel tekkinud vete äravoolu. Standardi nõudeid tuleb täita nii uue hoone kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel. Kõik standardis toodud joonised on esitatud näidetena. Nendel esitatu ei ole tehniliste lahenduste osas kohustuslik ega muid lahendusi välistav.

Kehtima jätmise alus: EVS/TK 48 otsus 20.03.2018 2.5/17 ja teade pikendamisküsitlusest 02.04.2018 EVS Teatajas

EVS 848:2013

Väliskanalisatsioonivõrk

Sewer systems outside buildings

Standard on rakendatav hooneväliste kanalisatsioonivõrkudele, s.o hooneviimast (hoone välisseinast) või sademevee restkaevust kohani, kus vesi jõuab reoveepuhastisse või heitvee suublasse. Hoonealused torustikud kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa hoone kanalisatsioonisüsteemist. Standardis määratakse kindlaks funktsionaalsed nõuded kanalisatsioonivõrgule seoses planeerimise, projek-teerimise, ehitamise, käitamise, hoolduse ja eksploatatsiooniga, ning tegevused nõuete täitmiseks.

Kehtima jätmise alus: EVS/TK 48 otsus 20.03.2018 2.5/18 ja teade pikendamisküsitlusest 02.04.2018 EVS Teatajas

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 691-1:2012

Safety of woodworking machines - Part 1: Common requirements

This European Standard is applicable to woodworking machines with cutting tools and/or sanding tools as defined in 3.2.1, when they are used as intended and under the conditions foreseen by the manufacturer. This document deals with some but not all significant hazards, hazardous situations and events relevant to woodworking machines: those that are common to most of such machines and are listed in Clause 4. When a relevant part EN 691-XX does not exist, EN 691-1 can help to establish the requirements for the machine, but will not by itself provide a means of conforming to the relevant essential health and safety requirements of the Machinery Directive. In this case a risk assessment should be performed. NOTE 1 Reasonably foreseeable misuse of machines is dealt with in the relevant parts EN 691-XX. This document is not applicable to: - machines set up on a bench or a table similar to a bench, which are intended to carry out work in a stationary position, capable of being lifted by one person by hand, having a mass not exceeding 25 kg; the bench can also be an integrated part of the machine if it consists of hinged legs which can be extended down; NOTE 2 A relevant part EN 691-XX may define different criteria for delimiting the Scope. NOTE 3 Transportable electrically driven machines excluded by the Scope of this document are covered by the requirements of EN 61029-1:2009 and parts of EN 61029-2-XX. - hand held woodworking machines (hand held motor operated tools) or any adaptation permitting their use in a different mode, i.e. bench mounting. NOTE 4 Driven hand held motor operated tools are covered by EN 60745-1:2009 and parts of EN 60745-2-XX. NOTE 5 Machines for capturing and extracting dust are covered by EN 12779:2004+A1:2009. This document is not applicable to woodworking machines which are manufactured before the date of its publication as EN. NOTE 6 This document covers also woodworking machines which fulfil the criteria of the Machinery Directive, Annex IV.

Keel: en

Alusdokumendid: EN 691-1:2012

Tühistamisküsitluse lõppkuupäev: 16.06.2018

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 812-7:2018

Ehitiste tuleohutus. Osa 7: Ehitisele esitatavad tuleohutusnõuded Fire safety of constructions - Part 7: Fire safety requirements for the building

See standard annab selgitused ja tüüplahendused standardolukordade lahendamiseks ehituslike tuleohutusnõuete määrusega kehtestatud oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Eriahenduste sobivust on endiselt võimalik analüütiliselt tõendada, kui on tagatud oluliste tuleohutusnõuete minimaalne tase. Standard EVS 812-7 ei käsitte põhjalikult ehituslike nõudeid ehitistele ja tuleohutuspaigaldistele, mis on juba kaetud standardi, tehnilise spetsifikatsiooni või määrusega.

EVS 812-8:2018

Ehitiste tuleohutus. Osa 8: Kõrghoonete tuleohutus Fire safety of constructions - Part 8: Fire safety of high-rise buildings

Selles Eesti standardis käsitletakse kõrghoonete tuleohutust, välja arvatud aatriumruumidega hooned.

EVS-EN 16932-1:2018

Äravoolu- ja kanalisatsioonisüsteemid väljaspool hooneid. Pumpamissüsteemid. Osa 1: Üldnõuded

Drain and sewer systems outside buildings - Pumping systems - Part 1: General requirements

See Euroopa standard määrab kindlaks väljaspool hooneid asuvate ja nende teenindamiseks ettenähtud reovee äravoolu- ja kanalisatsioonisüsteemide nõuded nende pumpamissüsteemide kavandamiseks, ehitamiseks ja vastuvõtukatsetamiseks. See sisaldab pumpamissüsteeme äravoolu- ja kanalisatsioonisüsteemides, mis toimivad põhiliselt isevoolsetena, aga samuti süsteeme, milles kasutatakse ülerõhku või osalist vaakumit. Selles dokumendis esitatakse üldnõuded, mida kohaldatakse kõigile reovee pumpamissüsteemidele äravoolu- ja kanalisatsioonisüsteemides.

EVS-EN 16932-2:2018

Äravoolu- ja kanalisatsioonisüsteemid väljaspool hooneid. Pumpamissüsteemid. Osa 2: Ülerõhusüsteemid

Drain and sewer systems outside buildings - Pumping systems - Part 2: Positive pressure systems

See Euroopa standard määrab kindlaks väljaspool hooneid asuvate ja nende teenindamiseks ettenähtud reovee äravoolu- ja kanalisatsioonisüsteemide nõuded nende pumpamissüsteemide kavandamiseks, ehitamiseks ja vastuvõtukatsetamiseks. See sisaldab pumpamissüsteeme äravoolu- ja kanalisatsioonisüsteemides, mis toimivad põhiliselt isevoolsetena, aga samuti süsteeme, milles kasutatakse ülerõhku või osalist vaakumit. See dokument on rakendatav ülerõhusüsteemidele.

EVS-EN 16932-3:2018

Äravoolu- ja kanalisatsioonisüsteemid väljaspool hooneid. Pumpamissüsteemid. Osa 3: Vaakumsüsteemid

Drain and sewer systems outside buildings - Pumping systems - Part 3: Vacuum systems

See Euroopa standard määrab kindlaks väljaspool hooneid asuvate ja nende teenindamiseks ettenähtud reovee äravoolu- ja kanalisatsioonisüsteemide nõuded nende pumpamissüsteemide kavandamiseks, ehitamiseks ja vastuvõtukatsetamiseks. See sisaldab pumpamissüsteeme äravoolu- ja kanalisatsioonisüsteemides, mis toimivad põhiliselt isevoolsetena, aga samuti süsteeme, milles kasutatakse ülerõhku või osalist vaakumit. See dokument on rakendatav vaakumäravoolusüsteemidele ja vaakumkanalisatsioonisüsteemidele.

EVS-IEC 60050(702):2001/A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992/AMD3:2017)

Muudatus standardile EVS-IEC 60050(702):2001.

EVS-IEC 60050(702):2001+A1+A2+A3:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 702: Võnkumised, signaalid ja vastavad seadmed International Electrotechnical Vocabulary (IEV). Chapter 702: Oscillations, signals and related devices (IEC 60050-702:1992 + IEC 60050-702:1992/AMD1:2016 + IEC 60050-702:1992/AMD2:2016 + IEC 60050-702:1992/AMD3:2017)

Standardi IEC 60050 see osa annab peamised võnkumiste, signaalide ja vastavate seadmete alased terminid.