

Avaldatud 01.12.2017

EVS TEATAJA

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID	3
ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID.....	25
STANDARDIKAVANDITE ARVAMUSKÜSITLUS	35
TÖLKED KOMMENTEERIMISEL	55
TÜHISTAMISKÜSITLUS	57
AVALDATUD EESTIKEELSED STANDARDIPARANDUSED	59
UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID	60
STANDARDIPEALKIRJADE MUUTMINE.....	63
UUED HARMONEERITUD STANDARDID.....	65

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 1907:2017

Safety requirements for cableway installations designed to carry persons - Terminology

This document specifies general terms used in the European standards on safety requirements for cableway installations designed to carry persons. The document concerns terms which are - part of the vocabulary specific to these installations; - scientific, technical or in everyday use and have a particular meaning in this field or for which definition in more detail seems necessary. Terms which are specific to standards which are listed in the foreword are defined in each of these standards. This document does not apply to installations for the transportation of goods, nor to elevators. In the application of this document, the following terms are used, defined and given the reference numbers below.

Keel: en

Alusdokumendid: EN 1907:2017

Asendab dokumenti: EVS-EN 1907:2005

EVS-EN 60445:2017

Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otsastuste ja juhtide tuvastamine

Basic and safety principles for man-machine interface, marking and identification -

Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2017 + COR1:2017)

See dokument käib elektriseadmete, nagu näiteks takistite, sulavkaitsmete, releede, kontaktorite, trafode, pöörlevate masinate ja sel määral mil rakendatav, selliste seadmete kombinatsioonide (nt koostete) klemmide tuvastamise ja märgistamise kohta, aga ka mõningate kindla otstarbega juhtide otsastuste tuvastamise kohta. Selles nähakse ette ka põhireeglid teatavate värvide ja tähelis-numbriliste kombinatsioonide kasutamiseks juhtide tuvastamisel, et vältida nende segiajamist ja tagada ohutut talitlust. Need juhtide värvid ja tähelis-numbrilised kombinatsioonid on ette nähtud rakendamiseks kaablitel, juhtmetel, kaabli- ja juhtmesoontel, kogumislattidel, elektriseadmetel ja elektripaigaldistes. See ohutuse põhipublikatsioon on eeskätt ette nähtud kasutamiseks tehnilistes komiteedes standardite koostamisel põhimõtete kohaselt, mis on esitatud juhendites IEC Guide 104 ja ISO/IEC Guide 51. Standard ei ole ette nähtud kasutamiseks tootjatele ega sertifitseerimisorganisatsioonidele. Tehniliste komiteede üks vastutusala on kasutada ohutuse põhipublikatsioone, kui vähegi võimalik, oma publikatsioonide koostamisel. Selle ohutuse põhipublikatsiooni nõuded rakenduvad üksnes siis, kui vastavates publikatsioonides on neile viidatud või kui nad neisse on lisatud.

Keel: en, et

Alusdokumendid: IEC 60445:2017; IEC 60445:2017/COR1:2017; EN 60445:2017

Asendab dokumenti: EVS-EN 60445:2011

EVS-EN ISO 13567-2:2017

Technical product documentation - Organization and naming of layers for CAD - Part 2: Concepts, format and codes used in construction documentation (ISO 13567-2:2017)

ISO 13567-2:2017 covers the organization and allocation of layers for CAD on construction projects for the purposes of communication and management.

Keel: en

Alusdokumendid: ISO 13567-2:2017; EN ISO 13567-2:2017

Asendab dokumenti: EVS-EN ISO 13567-2:2002

EVS-IEC 60050(713):2001/A2:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 713: Raadioside: saatjad, vastuvõtjad, võrgud ja eksploatatsioon

International Electrotechnical Vocabulary (IEV) - Chapter 713: Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998/AMD2:2017)

Muudatus standardile EVS-IEC 60050(713):2001.

Keel: et-en

Alusdokumendid: IEC 60050-713:1998/AMD2:2017

Muudab dokumenti: EVS-IEC 60050(713):2001

EVS-IEC 60050(713):2001+A1+A2:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 713: Raadioside: saatjad, vastuvõtjad, võrgud ja eksploatatsioon

International Electrotechnical Vocabulary (IEV) - Chapter 713: Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998 + IEC 60050-713:1998/AMD1:2016 + IEC 60050-713:1998/AMD2:2017)

Käesolev Eesti standard on koostatud rahvusvahelise standardi IEC 60050(713):1998 "International Electrotechnical Vocabulary Chapter 713: Radiocommunication: transmitters, receivers, networks and operation" alusel.

Keel: et-en

Alusdokumendid: IEC 60050-713:1998; IEC 60050-713:1998/AMD1:2016; IEC 60050-713:1998/AMD2:2017

Konsolideerib dokumenti: EVS-IEC 60050(713):2001

Konsolideerib dokumenti: EVS-IEC 60050(713):2001/A1:2017

Konsolideerib dokumenti: EVS-IEC 60050(713):2001/A2:2017

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

CEN ISO/TS 17444-2:2017

Electronic fee collection - Charging performance - Part 2: Examination framework (ISO/TS 17444-2:2017)

ISO/TS 17444-2:2017 defines the Examination Framework for the measurement of charging performance metrics defined in ISO/TS 17444-1 to be used during Evaluation and/or on-going Monitoring. It specifies a method for the specification and documentation of a Specific Examination Framework which can be used by the responsible entity to evaluate charging performance for a particular information exchange interface or for overall charging performance within a Toll Scheme. It provides a toolbox of Examination Tests for the roles of Toll Charger and Toll Service Provider for the following Scheme types: a) DSRC Discrete; b) Autonomous Discrete; c) Autonomous Continuous. The detailed choice of the set of examination tests to be used depends on the application and the respective context. Compliance with this specification is understood as using the definitions and prescriptions laid out in ISO/TS 17444-2:2017 whenever the respective system aspects are subjected to performance measurements, rather than using other definitions and examination methods than the ones specified in ISO/TS 17444-2:2017. The following aspects are outside the scope of ISO/TS 17444-2:2017. - ISO/TS 17444-2:2017 does not propose specific numeric performance bounds, or average or worst-case error bounds in percentage or monetary units. Those decisions are left to the Toll Charger (or to agreements between Toll Charger and Service Provider). ISO/TS 17444-2:2017 does not consider the evaluation of the expected performance of a system based on modelling and measured data from trial at another place. - ISO/TS 17444-2:2017 does not consider the specification of a common reference system which would be required for comparison of performance between systems. - ISO/TS 17444-2:2017 defines measurements only on standardized interfaces. Proprietary interfaces are excluded, because it is not possible to define standardized metrics on such system properties. These excluded interfaces are among others the link between Toll Charger RSE and central systems in DSRC systems, and the additional sensor input of GNSS modules (inertial sensors, CAN-bus for wheel ticks, etc.).

Keel: en

Alusdokumendid: ISO/TS 17444-2:2017; CEN ISO/TS 17444-2:2017

Asendab dokumenti: CEN ISO/TS 17444-2:2013

11 TERVISEHOOLDUS

CEN/TR 16953:2017

Medical gloves for single use - Guidance for selection

This Technical Report provides information for those choosing or using sterile and non-sterile gloves for medical applications based on a risk assessment. It deals with gloves worn primarily for the protection of the patient and glove user from biological cross contamination. NOTE Gloves worn specifically for the protection of the glove user from e.g. chemical and biological hazards are covered by the EU-Directive on Personal Protective Equipment (PPE) and the related standards e.g. EN 16523-1, EN 374-2, EN 374-4, EN ISO 374-1 and EN ISO 374-5. This document describes the rationale behind the requirements of the EN 455 series and explores the possible trade-offs in glove selection between the various factors which affect glove, physical properties, biocompatibility, comfort and sensitivity. The strengths and weaknesses of various alternative glove materials and the potential biological hazards presented by their use are also explored.

Keel: en

Alusdokumendid: CEN/TR 16953:2017

EVS-EN 50637:2017

Elektrilised meditsiiniseadmed. Erinõuded meditsiiniliste lastevoodite esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Particular requirements for the basic safety and essential performance of medical beds for children

201.1 Scope, object and related standards Clause 1 of EN 60601-1:2006, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, applies, except as follows: 201.1.1 * Scope Replacement: This Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of MEDICAL BEDS, hereafter referred to as MEDICAL BEDS as defined in 201.3.218, intended for CHILDREN as defined in 201.3.207, and ADULTS with atypical anatomy (ADULTS ranging outside the definition for ADULTS in 201.3.201). This standard applies to medical beds with nonadjustable and electrical / mechanical adjustable functions. This Standard applies to MEDICAL BEDS with an internal length of up to 180 cm suitable to a body length of 155 cm. NOTE 1 The limitation of 180 cm is in order to minimize the foreseeable misuse, of a parent sharing the bed with the child or that the bed will be used by an ADULT. If a manufacturer wishes to make a bed that can be used by both a child and an ADULT, e.g. length of 180 cm or more, then it will fulfil both EN 60601-2-52 and this particular standard. This Standard does not apply to MEDICAL BEDS intended for ADULTS as defined in 201.3.201 (covered by EN 60601-2-52). This Standard does not apply to : - incubators covered by EN 60601-2-19 ; - beds for children, covered by EN 716-1 and EN 716-2 ; - cribs and cradles covered by EN 1130 (all parts) ; - bunk beds and high beds, covered by EN 747-1 and 747-2. If a clause or subclause is

specifically intended to be applicable to a MEDICAL BED 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 MEDICAL BEDS and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of MEDICAL BED or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of EN 60601-1:2006. NOTE 2 See also 4.2 of EN 60601-1:2006. NOTE 3 Body length is measured from crown to sole.

Keel: en

Alusdokumendid: EN 50637:2017

EVS-EN ISO 16671:2015/A1:2017

Oftalmilised implantaadid. Loputuslahused silmakirurgias. Muudatus 1 Ophthalmic implants - Irrigating solutions for ophthalmic surgery - Amendment 1 (ISO 16671:2015/Amd 1:2017)

Amendment for EN ISO 16671:2015

Keel: en

Alusdokumendid: ISO 16671:2015/Amd 1:2017; EN ISO 16671:2015/A1:2017

Muudab dokumenti: EVS-EN ISO 16671:2015

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CLC/TS 50625-3-5:2017

Collection, logistics & Treatment requirements for WEEE - Part 3-5: Technical specification for de-pollution - Photovoltaic panels

Clause 1 is replaced with the following: This European Technical Specification is intended to be used in conjunction with the WEEE Treatment Standard for photovoltaic panels, FprEN 50625-2-4 and Technical Specification for de-pollution - General CLC/TS 50625-3-1:2015.

Keel: en

Alusdokumendid: CLC/TS 50625-3-5:2017

EVS-EN 13277-8:2017

Võitlusspordi kaitsevarustus. Osa 8: Lisanõuded ja katsemeetodid karate näokaitsetele Protective equipment for martial arts - Part 8: Additional requirements and test methods for karate face protectors

This European standard specifies additional test methods and requirements for face protectors, used in the practice of karate. This European Standard is not applicable for other sports equipment and protectors except face protectors for karate because the test methods and requirements are very specific for karate face protectors and do not meet the characteristics of face protectors for other sports.

Keel: en

Alusdokumendid: EN 13277-8:2017

EVS-EN 14058:2017

Kaitseriietus. Rõivad kaitseks jahedate keskkondade eest Protective clothing - Garments for protection against cool environments

This European Standard specifies requirements and test methods for the performance of garments for protection against the effects of cool environments above -5°C (see Annex C). These effects comprise not only low air temperatures, but also humidity and air velocity. Cold protective ensembles are excluded from this standard. The protective effects and requirements of footwear, gloves and separate head wear are excluded from the scope of this standard.

Keel: en

Alusdokumendid: EN 14058:2017

Asendab dokumenti: EVS-EN 14058:2004

EVS-EN 342:2017

Kaitseriietus. Külmakaitsekomplektid ja -rõivad Protective clothing - Ensembles and garments for protection against cold

This European Standard specifies requirements and test methods for the performance of clothing ensembles (i.e. g two piece suits or coveralls) for protection against the effects of cold environments equal to or below -5°C (see Annex C). These effects comprise not only low air temperatures but also humidity and air velocity. Requirements and test methods of garments for protection against cool environments are specified in EN 14058. The protective effects and requirements of footwear, gloves and separate head wear are excluded from the scope of this standard.

Keel: en

Alusdokumendid: EN 342:2017

Asendab dokumenti: EVS-EN 342:2004

Asendab dokumenti: EVS-EN 342:2004/AC:2008

EVS-EN 50131-2-2:2017

Alarm systems - Intrusion and hold-up systems - Part 2-2: Intrusion detectors - Passive infrared detectors

This European Standard is for passive infrared detectors installed in buildings and provides for security grades 1 to 4 (see EN 50131-1), specific or non-specific wired or wire-free detectors, and uses environmental classes I to IV (see EN 50130-5). This European Standard does not include requirements for passive infrared detectors intended for use outdoors. It is essential that a detector fulfils all the requirements of the specified grade. Functions additional to the mandatory functions specified in this standard may be included in the detector, providing they do not influence the correct operation of the mandatory functions. This European Standard does not apply to system interconnections.

Keel: en

Alusdokumendid: EN 50131-2-2:2017

Asendab dokumenti: EVS-EN 50131-2-2:2008

Asendab dokumenti: EVS-EN 50131-2-2:2008/IS:2014

EVS-EN 50625-2-4:2017

Collection, logistics & treatment requirements for WEEE - Part 2-4: Treatment requirements for photovoltaic panels

This clause of part 1 is replaced with the following: This European Standard is applicable to the treatment of photovoltaic panels as mentioned in the WEEE Directive under Annex 4. The scope of this document is limited to photovoltaic panels with a minimum surface area of 0,2 m². This European Standard applies to the treatment of photovoltaic panels until end-of-waste status is fulfilled, or photovoltaic panel fractions are recycled, recovered or disposed. This European Standard addresses all operators involved in the treatment including related handling, sorting and storage of photovoltaic panels. This European Standard applies to all facilities including those whose treatment operations using mobile treatment installation.

Keel: en

Alusdokumendid: EN 50625-2-4:2017

EVS-EN 60445:2017

Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otsastuste ja juhtide tuvastamine

Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2017 + COR1:2017)

See dokument käib elektriseadmete, nagu näiteks takistite, sulavkaitsmete, releede, kontaktorite, trafode, pöörlevate masinate ja sel määral mil rakendatav, selliste seadmete kombinatsioonide (nt koostete) klemmide tuvastamise ja märgistamise kohta, aga ka mõningate kindla otstarbega juhtide otsastuste tuvastamise kohta. Selles nähakse ette ka põhireeglid teatavate värvide ja tähelis-numbriliste kombinatsioonide kasutamiseks juhtide tuvastamisel, et vältida nende segiajamist ja tagada ohutut talitlust. Need juhtide värvid ja tähelis-numbrilised kombinatsioonid on ette nähtud rakendamiseks kaablitel, juhtmetel, kaabli- ja juhtmesoontel, kogumislattidel, elektriseadmetel ja elektripaigaldistes. See ohutuse põhipublikatsioon on eeskätt ette nähtud kasutamiseks tehnilistes komiteedes standardite koostamisel põhimõtete kohaselt, mis on esitatud juhendites IEC Guide 104 ja ISO/IEC Guide 51. Standard ei ole ette nähtud kasutamiseks tootjatele ega sertifitseerimisorganisatsioonidele. Tehniliste komiteede üks vastutusala on kasutada ohutuse põhipublikatsiooni, kui vähegi võimalik, oma publikatsioonide koostamisel. Selle ohutuse põhipublikatsiooni nõuded rakenduvad üksnes siis, kui vastavates publikatsioonides on neile viidatud või kui nad neisse on lisatud.

Keel: en, et

Alusdokumendid: IEC 60445:2017; IEC 60445:2017/COR1:2017; EN 60445:2017

Asendab dokumenti: EVS-EN 60445:2011

EVS-EN 61511-1:2017/A1:2017

Functional safety - Safety instrumented systems for the process industry sector - Normative (uon) - Part 1: Framework, definitions, system, hardware and software requirements

Amendment for EN 61511-1:2017

Keel: en

Alusdokumendid: IEC 61511-1:2016/A1:2017; EN 61511-1:2017/A1:2017

Muudab dokumenti: EVS-EN 61511-1:2017

EVS-EN 62321-4:2014/A1:2017

Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS

Amendment for EN 62321-4:2014

Keel: en

Alusdokumendid: IEC 62321-4:2013/A1:2017; EN 62321-4:2014/A1:2017

Muudab dokumenti: EVS-EN 62321-4:2014

EVS-EN ISO 11508:2017

Soil quality - Determination of particle density (ISO 11508:2017)

ISO 11508:2017 specifies two methods for the determination of particle density of soils calculated from the mass and the volume of soil particles. The first method (4.1) is applicable to fine soil (< 2 mm diameter) and the second method (4.2) is applicable to both porous and nonporous gravel and stones (> 2 mm diameter). The particle density can be used for the calculation of the proportion of solids and of the porosity of soil layers in combination with the procedure given in ISO 11272.

Keel: en

Alusdokumendid: ISO 11508:2017; EN ISO 11508:2017

Asendab dokumenti: EVS-EN ISO 11508:2014

EVS-EN ISO 19918:2017

Kaitseriietus. Kaitse kemikaalide eest. Madala materjale läbistava aururõhuga kemikaalide kumulatiivse imbumise mõõtmine

Protective clothing - Protection against chemicals - Measurement of cumulative permeation of chemicals with low vapour pressure through materials (ISO 19918:2017)

ISO 19918 describes laboratory test methods to determine the resistance of materials, closures, and seams used in personal protective equipment (PPE) to permeation by solid or liquid chemicals with low vapour pressure (less than 133,322 Pa at 25 °C) and/or insolubility in water or other liquids commonly used as collection media. These chemicals that are often part of pesticide formulations and other mixtures cannot be measured using other standards for measuring permeation. This test method is suitable for field strength and concentrated pesticide formulations as well as other mixtures in which the active ingredient is a chemical with low vapour pressure and/or low solubility in commonly used liquid and gaseous collection media. This test method is not intended to be used in place of standards such as ISO 6529, EN 16523-1 and ASTM F739, which measure permeation of chemicals that are either volatile or soluble in water or other liquids that do not interact with the material being tested. ISO 19918 is not suitable for measurement of volatile chemicals that may evaporate before the chemical analysis is complete. The degree of contamination depends on numerous factors, such as type of exposure, application technique, and chemical formulation. As the level of exposure can vary considerably, this method is designed to rate relative performance of PPE materials for different durations. This method is designed to measure cumulative permeation. Breakthrough time cannot be measured by this method. This test method does not measure resistance to penetration or degradation. The test method standard may be used for the evaluation of PPE materials that are new or those for which the product standard requires treatment, such as laundering or simulated abrasion. Details of the treatment shall be reported.

Keel: en

Alusdokumendid: ISO 19918:2017; EN ISO 19918:2017

EVS-EN ISO 27065:2017

Kaitseriietus. Toimivusnõuded pestitsiidide käitajatele ja pestitsiididega töödeldud alale naasvate töötajate kaitseriietusele

Protective clothing - Performance requirements for protective clothing worn by operators applying pesticides and for re-entry workers (ISO 27065:2017)

ISO 27065 establishes minimum performance, classification, and marking requirements for protective clothing worn by operators handling pesticide products as well as re-entry workers. For the purpose of ISO 27065, the term pesticide applies to insecticides, herbicides, fungicides, and other substances applied in liquid form that are intended to prevent, destroy, repel, or reduce any pest or weeds in agricultural settings, green spaces, roadsides, etc. It does not include biocidal products used for agricultural and non-agricultural settings. Pesticide handling includes mixing and loading, application, and other activities such as cleaning contaminated equipment and containers. Concentrated pesticides are typically handled during mixing and loading. Protective clothing covered by ISO 27065 includes, but is not limited to, shirts, jackets, trousers, coveralls, aprons, protective sleeves, caps/hats and other headwear (excluding hard hats made of rigid materials, e.g. hats worn by construction workers), and accessories used under knapsack/backpack sprayers. ISO 27065 does not address items used for the protection of the respiratory tract, hands, and feet. ISO 27065 does not address protection against fumigants.

Keel: en

Alusdokumendid: ISO 27065:2017; EN ISO 27065:2017

EVS-EN ISO 9696:2017

Water quality - Gross alpha activity - Test method using thick source (ISO 9696:2017)

ISO 9696:2017 specifies a method for the determination of gross alpha activity in non-saline waters for alpha-emitting radionuclides which are not volatile up to 350 °C. The method is applicable to raw and potable waters. The range of application depends on the amount of total soluble salts in the water and on the performance characteristics (background count rate and counting efficiency) of the counter. It is the laboratory's responsibility to ensure the suitability of this method for the water samples tested.

Keel: en

Alusdokumendid: ISO 9696:2017; EN ISO 9696:2017

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 13032-2:2017

Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places

This European Standard specifies the required data for lamps and luminaires for the verification of conformity to the requirements of EN 12464-1 and EN 12464-2. It also specifies data that are commonly used for lighting of indoor and outdoor work places. When these data are provided, they should conform to this document. An increasing number of luminaires mainly those with LED

are luminaires with non-replaceable light sources. Therefore data should always be given for luminaires. For luminaires with replaceable lamps, lamp data should also be provided. NOTE Product, safety and performance data can be found in CENELEC documents (see Bibliography).

Keel: en
Alusdokumendid: EN 13032-2:2017
Asendab dokumenti: EVS-EN 13032-2:2005
Asendab dokumenti: EVS-EN 13032-2:2005/AC:2013

19 KATSETAMINE

EVS-EN ISO 16371-2:2017

Non-destructive testing - Industrial computed radiography with storage phosphor imaging plates - Part 2: General principles for testing of metallic materials using X-rays and gamma rays (ISO 16371-2:2017)

ISO 16371-2:2017 specifies fundamental techniques of computed radiography with the aim of enabling satisfactory and repeatable results to be obtained economically. The techniques are based on the fundamental theory of the subject and tests measurements. ISO 16371-2:2017 specifies the general rules for industrial computed X-rays and gamma radiography for flaw detection purposes, using storage phosphor imaging plates (IP). It is based on the general principles for radiographic examination of metallic materials on the basis of films, as specified in ISO 5579. The basic set-up of radiation source, detector and the corresponding geometry are intended to be applied in accordance with ISO 5579 and corresponding product standards such as ISO 17636 for welding and EN 12681 for foundry. ISO 16371-2:2017 does not lay down acceptance criteria of the imperfections. Computed radiography (CR) systems provide a digital grey value image which can be viewed and evaluated on basis of a computer only. This practice describes the recommended procedure for detector selection and radiographic practice. Selection of computer, software, monitor, printer and viewing conditions are important but not the main focus of ISO 16371-2:2017. The procedure it specifies provides the minimum requirements and practice to permit the exposure and acquisition of digital radiographs with a sensitivity of imperfection detection equivalent to film radiography and as specified in ISO 5579. Some application standards, e.g. EN 16407, can require different and less stringent practice conditions.

Keel: en
Alusdokumendid: ISO 16371-2:2017; EN ISO 16371-2:2017
Asendab dokumenti: EVS-EN 14784-2:2005

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12627:2017

Industrial valves - Butt welding ends for steel valves

This European Standard specifies the dimensions of butt welding ends of steel valves DN 8 to DN 1 400 designed to be butt welded to standardized pipes. NOTE The outside diameters and wall thickness of standardized pipes are in accordance with ISO 4200.

Keel: en
Alusdokumendid: EN 12627:2017
Asendab dokumenti: EVS-EN 12627:1999

EVS-EN 1451-1:2017

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

This part of EN 1451 specifies the requirements for solid-wall polypropylene (PP) pipes, fittings and the system intended for: - soil and waste discharge applications (low and high temperature) inside buildings (application area code "B"); - soil and waste discharge applications (low and high temperature) for both inside buildings and buried in the ground within the building structure (application area code "BD"). This part of EN 1451 is also applicable to PP pipes and fittings and the system intended for the following purposes: - ventilating part of the pipework in association with discharge applications; - rainwater pipework within the building structure. It also specifies the test parameters for the test methods referred to in this standard. This standard covers a range of nominal sizes, a range of pipes and fittings series and gives recommendations concerning colours. It applies to pipes and fittings, marked with "B", which are intended to be used inside buildings and outside buildings fixed onto the wall. This standard is applicable to PP pipes and fittings of the following types: - plain-ended; - with integral elastomeric ring seal socket; - for butt fusion joints. whereby the fittings can be manufactured by injection-moulding or be fabricated from pipes and/or mouldings.

Keel: en
Alusdokumendid: EN 1451-1:2017
Asendab dokumenti: EVS-EN 1451-1:2000

EVS-ISO 12917-1:2017

Toornafta ja vedelad naftatooted. Horisontaalsete silindriliste mahutite kalibreerimine. Osa 1: Käsitsi mõõtemetodid Petroleum and liquid petroleum products - Calibration of horizontal cylindrical tanks - Part 1: Manual methods (ISO 12917-1:2017)

See dokument määratleb käsitsi mõõtemetodid fikseeritud asukohta paigaldatud, olemuselt horisontaalsete mahutite kalibreerimisel. Meetodid selles dokumendis on rakendatavad nii soojustatud kui ka soojustuseta mahutite korral asukohaga nii maa all kui ka maa peal. Meetodid on rakendatavad survestatud mahutite korral ning mahutitele, millel on üleminekuraadiusega ümarad, tasapinnalised, elliptilised või sfäärilise kujuga otsad. See dokument on rakendatav kaldega mahutite korral, eeldusel et kalde mõõtetulemuste põhjal rakendatakse vastavat parandit. Kuigi see dokument ei kehtesta piiranguid mahuti maksimaalsele läbimõõdule ega kaldele, mille korral dokument on rakendatav, on praktilised piirid ligikaudu 4 m läbimõõdule ja 10° kaldele.

Keel: en, et

Alusdokumendid: ISO 12917-1:2017

Asendab dokumenti: EVS-ISO 12917-1:2006

Asendab dokumenti: EVS-ISO 12917-1:2006/AC:2010

25 TOOTMISTEHNOLOGIA

EVS-EN 61511-1:2017/A1:2017

Functional safety - Safety instrumented systems for the process industry sector - Normative (uon) - Part 1: Framework, definitions, system, hardware and software requirements

Amendment for EN 61511-1:2017

Keel: en

Alusdokumendid: IEC 61511-1:2016/A1:2017; EN 61511-1:2017/A1:2017

Muudab dokumenti: EVS-EN 61511-1:2017

EVS-EN 62439-2:2017

Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)

The IEC 62439 series is applicable to high-availability automation networks based on the ISO/IEC/IEEE 8802-3 (IEEE 802.3) (Ethernet) technology. This part of the IEC 62439 series specifies a recovery protocol based on a ring topology, designed to react deterministically on a single failure of an inter-switch link or switch in the network, under the control of a dedicated media redundancy manager node.

Keel: en

Alusdokumendid: EN 62439-2:2017; IEC 62439-2:2016

Asendab dokumenti: EVS-EN 62439-2:2010

EVS-EN 62453-303-2:2009/A1:2017

Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP3/6

Amendment for EN 62453-303-2:2009

Keel: en

Alusdokumendid: EN 62453-303-2:2009/A1:2017; IEC 62453-303-2:2009/A1:2016

Muudab dokumenti: EVS-EN 62453-303-2:2009

EVS-EN 62453-315:2009/A1:2017

Field device tool (FDT) interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15

Amendment for EN 62453-315:2009

Keel: en

Alusdokumendid: EN 62453-315:2009/A1:2017; IEC 62453-315:2009/A1:2016

Muudab dokumenti: EVS-EN 62453-315:2009

EVS-EN ISO 10675-2:2017

Non-destructive testing of welds - Acceptance levels for radiographic testing - Part 2: Aluminium and its alloys (ISO 10675-2:2017)

This document specifies acceptance levels for indications from imperfections in aluminium butt welds detected by radiographic testing. If agreed, the acceptance levels can be applied to other types of welds or materials. The acceptance levels can be related to welding standards, application standards, specifications or codes. This document assumes that the radiographic testing has been carried out in accordance with ISO 17636-1 for RT-F (F = film) or ISO 17636-2 for RT-S (S = radioscopy) and RT-D (D = digital detectors). When assessing whether a weld meets the requirements specified for a weld quality level, the sizes of imperfections permitted by standards are compared with the dimensions of indications revealed by a radiograph made of the weld.

Keel: en

Alusdokumendid: ISO 10675-2:2017; EN ISO 10675-2:2017

Asendab dokumenti: EVS-EN ISO 10675-2:2013

EVS-EN ISO 2143:2017

Anodizing of aluminium and its alloys - Estimation of loss of absorptive power of anodic oxidation coatings after sealing - Dye-spot test with prior acid treatment (ISO 2143:2017)

ISO 2143 specifies a method of estimating the loss of absorptive power of anodic oxidation coatings that have undergone a sealing treatment, by dye absorption after acid pretreatment. The method is suitable for use as a production control method and can be applicable to anodic oxidation coatings which may be subjected to weathering or aggressive environments, or where resistance to staining is important. The method is not applicable to those coatings that a) are formed on alloys containing more than 2 % copper or 4 % silicon, b) are sealed by the dichromate process, c) have been given supplementary processing, e.g. oiling, waxing or lacquering, d) are coloured in deep shades, and e) are less than 3 µm thickness. The method is less appropriate where nickel or cobalt salts, or organic additives, have been added to baths used for hydrothermal sealing.

Keel: en

Alusdokumendid: ISO 2143:2017; EN ISO 2143:2017

Asendab dokumenti: EVS-EN ISO 2143:2010

27 ELEKTRI- JA SOOJUSENERGEETIKA

CLC/TS 50625-3-5:2017

Collection, logistics & Treatment requirements for WEEE - Part 3-5: Technical specification for de-pollution - Photovoltaic panels

Clause 1 is replaced with the following: This European Technical Specification is intended to be used in conjunction with the WEEE Treatment Standard for photovoltaic panels, FprEN 50625-2-4 and Technical Specification for de-pollution - General CLC/TS 50625-3-1:2015.

Keel: en

Alusdokumendid: CLC/TS 50625-3-5:2017

EVS-EN 50625-2-4:2017

Collection, logistics & treatment requirements for WEEE - Part 2-4: Treatment requirements for photovoltaic panels

This clause of part 1 is replaced with the following: This European Standard is applicable to the treatment of photovoltaic panels as mentioned in the WEEE Directive under Annex 4. The scope of this document is limited to photovoltaic panels with a minimum surface area of 0,2 m². This European Standard applies to the treatment of photovoltaic panels until end-of-waste status is fulfilled, or photovoltaic panel fractions are recycled, recovered or disposed. This European Standard addresses all operators involved in the treatment including related handling, sorting and storage of photovoltaic panels. This European Standard applies to all facilities including those whose treatment operations using mobile treatment installation.

Keel: en

Alusdokumendid: EN 50625-2-4:2017

EVS-EN 62788-1-5:2016/AC:2017

Measurement procedures for materials used in photovoltaic modules - Part 1-5: Encapsulants - Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions

Corrigendum for EN 62788-1-5:2016

Keel: en

Alusdokumendid: IEC 62788-1-5:2016/COR1:2017; EN 62788-1-5:2016/AC:2017-11

Parandab dokumenti: EVS-EN 62788-1-5:2016

EVS-EN 62817:2015/A1:2017

Photovoltaic systems - Design qualification of solar trackers

IEC 62817:2014 is a design qualification standard applicable to solar trackers for photovoltaic systems, but may be used for trackers in other solar applications. The standard defines test procedures for both key components and for the complete tracker system. In some cases, test procedures describe methods to measure and/or calculate parameters to be reported in the defined tracker specification sheet. In other cases, the test procedure results in a pass/fail criterion. This standard ensures the user of the said tracker that parameters reported in the specification sheet were measured by consistent and accepted industry procedures. The tests with pass/fail criteria are engineered with the purpose of separating tracker designs that are likely to have early failures from those designs that are sound and suitable for use as specified by the manufacturer.

Keel: en

Alusdokumendid: EN 62817:2015/A1:2017; IEC 62817:2014/A1:2017

Muudab dokumenti: EVS-EN 62817:2015

EVS-EN ISO 9806:2017

Solar energy - Solar thermal collectors - Test methods (ISO 9806:2017)

ISO 9806:2017 specifies test methods for assessing the durability, reliability, safety and thermal performance of fluid heating solar collectors. The test methods are applicable for laboratory testing and for in situ testing. ISO 9806:2017 is applicable to all types of fluid heating solar collectors, air heating solar collectors, hybrid solar collectors co-generating heat and electric power, as well as to solar collectors using external power sources for normal operation and/or safety purposes. It does not cover electrical safety aspects or other specific properties directly related to electric power generation. ISO 9806:2017 is not applicable to those devices in which a thermal storage unit is an integral part to such an extent that the collection process cannot be separated from the storage process for making the collector thermal performance measurements.

Keel: en
Alusdokumendid: ISO 9806:2017; EN ISO 9806:2017
Asendab dokumenti: EVS-EN ISO 9806:2013

29 ELEKTROTEHNIKA

EVS-EN 13032-2:2017

Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places

This European Standard specifies the required data for lamps and luminaires for the verification of conformity to the requirements of EN 12464-1 and EN 12464-2. It also specifies data that are commonly used for lighting of indoor and outdoor work places. When these data are provided, they should conform to this document. An increasing number of luminaires mainly those with LED are luminaires with non-replaceable light sources. Therefore data should always be given for luminaires. For luminaires with replaceable lamps, lamp data should also be provided. NOTE Product, safety and performance data can be found in CENELEC documents (see Bibliography).

Keel: en
Alusdokumendid: EN 13032-2:2017
Asendab dokumenti: EVS-EN 13032-2:2005
Asendab dokumenti: EVS-EN 13032-2:2005/AC:2013

EVS-EN 50655-1:2017

Electric cables - Accessories - Material characterization - Part 1: Fingerprinting for resinous compounds

This European Standard specifies the test methods and requirements of tests for fingerprinting (as defined in 3.9) of solvent-free polymerizable, reacting resinous compound intended to be used for electrical insulation and/or mechanical protection in cable accessories covered by EN 50393, HD 629.1 and HD 629.2, for low and medium voltage up to 20,8/36 (42) kV. Fingerprinting testing of materials does not have a mandatory link to type testing of accessories. It is regarded as stand-alone tests, but it may be carried out in combination with the accessory type tests. NOTE Information on health and safety is given in Annex A.

Keel: en
Alusdokumendid: EN 50655-1:2017
Asendab dokumenti: EVS-HD 631.1 S2:2007

EVS-EN 50655-2:2017

Electric cables - Accessories - Material characterization - Part 2: Fingerprinting for heat shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV

This European Standard specifies the methods and requirements for fingerprinting (as defined in 3.13) of heat shrinkable components intended to be used for electrical insulation and/or electrical insulation and mechanical protection in cable accessories for low and medium voltage, as defined in EN 50393, HD 629.1 and HD 629.2. Fingerprinting of materials does not have a mandatory link to type testing of accessories. It is regarded as a stand-alone test, but it may be carried out in combination with accessory type tests.

Keel: en
Alusdokumendid: EN 50655-2:2017
Asendab dokumenti: EVS-HD 631.2 S1:2007
Asendab dokumenti: EVS-HD 631.3 S1:2008

EVS-EN 50655-3:2017

Electric cables - Accessories - Material characterization - Part 3: Fingerprinting for cold shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV

This European Standard specifies the test methods and requirements for fingerprinting (as defined in 3.11) of cold shrinkable components intended to be used in cable accessories for low and medium voltage, as defined in EN 50393, HD 629.1 and HD 629.2. Fingerprinting testing of materials does not have a mandatory link to type testing of accessories. It is regarded as a stand-alone test, but it may be carried out in combination with the accessory type tests. Component basic functions can be conductive, stress control or stress grading, insulating, oil barrier, anti-tracking, external protection and sealing. Components are supplied as single layer items or as multi-layer items. Components are generally supplied pre-expanded or with a system allowing expansion prior to installation. NOTE Information on health and safety is given in Annex A.

Keel: en
Alusdokumendid: EN 50655-3:2017
Asendab dokumenti: EVS-HD 631.4 S1:2008

EVS-EN 60061-1:2001+A49:2013/A56:2017/AC:2017

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 1: Lambisoklid

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps

Parandus dokumendile EN 60061-1:1993/A56:2017

Keel: en

Alusdokumendid: IEC 60061-1:1969/A56:2017/COR1:2017; EN 60061-1:1993/A56:2017/AC:2017-11
Parandab dokumenti: EVS-EN 60061-1:2001+A49:2013/A56:2017

EVS-EN 60081:2002/A6:2017

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

Muudatus standardile EN 60081:1998

Keel: en

Alusdokumendid: IEC 60081:1997/A6:2017; EN 60081:1998/A6:2017
Muudab dokumenti: EVS-EN 60081:2002

EVS-EN 60137:2017

Insulated bushings for alternating voltages above 1 000 V

IEC 60137:2017 specifies the characteristics and tests for insulated bushings. This standard is applicable to bushings, as defined in Clause 3, intended for use in electrical apparatus, machinery, transformers, switchgear and installations for three-phase alternating current systems, having highest voltage for equipment above 1 000 V and power frequencies of 15 Hz up to and including 60 Hz. Subject to special agreement between purchaser and supplier, this standard may be applied, in part or as a whole, to the following: - bushings used in other than three-phase systems; - bushings for high-voltage direct current systems; - bushings for testing transformers; - bushings for capacitors. Special requirements and tests for transformer bushings in this standard apply also to reactor bushings. This standard is applicable to bushings made and sold separately. Bushings which are a part of an apparatus and which cannot be tested according to this standard should be tested with the apparatus of which they form part. This edition includes the following significant technical changes with respect to the previous edition: - Resin-impregnated synthetic (RIS) bushings has been introduced. - Bushings with $U_m \leq 1,1$ kV, $U_m = 1100$ kV and $U_m = 1200$ kV have been introduced. - Temperature rise testing has been included for liquid-insulated bushings according to clause to 3.4. - Introducing dry lightning impulse testing as a routine test for all transformer bushings with $U_m > 72,5$ kV. - The altitude correction procedure has been revised ($> 1 000$ m). - An explanation about Very Fast Transient (VFT) phenomenon and its impact on bushings has been included.

Keel: en

Alusdokumendid: IEC 60137:2017; EN 60137:2017
Asendab dokumenti: EVS-EN 60137:2008

EVS-EN 60317-0-7:2017

Specifications for particular types of winding wires - Part 0-7: General requirements - Fully insulated (FIW) zero-defect enamelled round copper wire

IEC 60317-0-7:2017 establishes general requirements for fully insulated (FIW) zero-defect enamelled round copper wires. The nominal conductor diameter range is given in the relevant technical specification. This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - reduction in the number of grades of FIW from 3 through 9 to 4, 6 and 8 only; - reduction of the wire diameter range from (0,040 to 1,000) mm to (0,090 to 0,900) mm for several requirements; - revision of Clause 5 to delete the Table 2 resistance requirements; - revision of Clause 13 to clarify that breakdown is determined when a calculated minimum test voltage is reached, which can be less than 10 000 V; - expansion of Annex A to include requirements for FIW 3, 5, 7 and 9 and for all grades, wire diameters below 0,090 mm and above 0,900 mm.

Keel: en

Alusdokumendid: IEC 60317-0-7:2017; EN 60317-0-7:2017
Asendab dokumenti: EVS-EN 60317-0-7:2012

EVS-EN 60445:2017

Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otsastuste ja juhtide tuvastamine

Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2017 + COR1:2017)

See dokument käib elektriseadmete, nagu näiteks takistite, sulavkaitsmete, releede, kontaktorite, trafode, pöörlevate masinate ja sel määral mil rakendatav, selliste seadmete kombinatsioonide (nt koostete) klemmide tuvastamise ja märgistamise kohta, aga ka mõningate kindla otstarbega juhtide otsastuste tuvastamise kohta. Selles nähakse ette ka põhireeglid teatavate värvide ja tähelis-numbriliste kombinatsioonide kasutamiseks juhtide tuvastamisel, et vältida nende segiajamist ja tagada ohutut talitlust. Need juhtide värvid ja tähelis-numbrilised kombinatsioonid on ette nähtud rakendamiseks kaablitel, juhtmetel, kaabli- ja juhtmesoontel, kogumislattidel, elektriseadmetel ja elektripaigaldistes. See ohutuse põhipublikatsioon on eeskätt ette nähtud kasutamiseks tehnilistes komiteedes standardite koostamisel põhimõtete kohaselt, mis on esitatud juhendites IEC Guide 104 ja ISO/IEC Guide 51. Standard ei ole ette nähtud kasutamiseks tootjatele ega sertifitseerimisorganisatsioonidele. Tehniliste komiteede üks vastutusala on kasutada ohutuse põhipublikatsioone, kui vähegi võimalik, oma publikatsioonide koostamisel. Selle ohutuse põhipublikatsiooni nõuded rakenduvad üksnes siis, kui vastavates publikatsioonides on neile viidatud või kui nad neisse on lisatud.

Keel: en, et

Alusdokumendid: IEC 60445:2017; IEC 60445:2017/COR1:2017; EN 60445:2017
Asendab dokumenti: EVS-EN 60445:2011

EVS-EN 60715:2017

Madalpingeliste lülitus- ja juhtimisaparaatide mõõtmed. Lülitus- ja juhtimisaparaatide ja nende lisaseadiste standardne paigaldamine kandeliistudele Dimensions of low-voltage switchgear and controlgear - Standardized mounting on rails for mechanical support of switchgear, controlgear and accessories

IEC 60715:2017 specifies dimensional and functional requirements for the compatible mounting of switchgear, controlgear and accessories on some types of rails. This second edition cancels and replaces the first edition published in 1981 and Amendment 1:1995. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the electrical function of the rail for protective earthing is covered by the relevant product standard. b) the document has been editorially updated to bring it into compliance with the ISO/IEC Directives, Part 2:2016, and drawings have been updated to bring them in compliance with ISO tolerancing and drawing standards. It has the status of a horizontal standard in accordance with IEC Guide 108.

Keel: en

Alusdokumendid: IEC 60715:2017; EN 60715:2017

Asendab dokumenti: EVS-EN 60715:2002

EVS-EN 60811-201:2012/A1:2017

Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 201: Üldkatsetused. Isolatsiooni paksuse mõõtmine Electric and optical fibre cables - Test methods for non-metallic materials - Part 201: General tests - Measurement of insulation thickness

Muudatus standardile EN 60811-201:2012

Keel: en

Alusdokumendid: IEC 60811-201:2012/A1:2017; EN 60811-201:2012/A1:2017

Muudab dokumenti: EVS-EN 60811-201:2012

EVS-EN 60811-202:2012/A1:2017

Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 202: Üldkatsetused. Mittemetallmantli paksuse mõõtmine Electric and optical fibre cables - Test methods for non-metallic materials - Part 202: General tests - Measurement of thickness of non-metallic sheath

Muudatus standardile EN 60811-202:2012

Keel: en

Alusdokumendid: IEC 60811-202:2012/A1:2017; EN 60811-202:2012/A1:2017

Muudab dokumenti: EVS-EN 60811-202:2012

EVS-EN 60811-401:2012/A1:2017

Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 401: Mitmesugused katsetused. Soojustliku vanandamise viisid. Vanandamine õhkahjus Electric and optical fibre cables - Test methods for non-metallic materials - Part 401: Miscellaneous tests - Thermal ageing methods - Ageing in an air oven

Muudatus standardile EN 60811-401:2012

Keel: en

Alusdokumendid: IEC 60811-401:2012/A1:2017; EN 60811-401:2012/A1:2017

Muudab dokumenti: EVS-EN 60811-401:2012

EVS-EN 60811-410:2012/A1:2017

Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 410: Mitmesugused katsetused. Polüolefiinisolatsiooniga soonte vaskkatalüütilise oksüdatsioonidegradeerumise katsetamisviis Electric and optical fibre cables - Test methods for non-metallic materials - Part 410: Miscellaneous tests - Test method for copper-catalyzed oxidative degradation of polyolefin insulated conductors

Muudatus standardile EN 60811-410:2012

Keel: en

Alusdokumendid: IEC 60811-410:2012/A1:2017; EN 60811-410:2012/A1:2017

Muudab dokumenti: EVS-EN 60811-410:2012

EVS-EN 60811-508:2012/A1:2017

Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 508: Mehaanilised katsetused. Isolatsiooni ja mantlite survekatsetamine kõrgel temperatuuril

**Electric and optical fibre cables - Test methods for non-metallic materials - Part 508:
Mechanical tests - Pressure test at high temperature for insulation and sheaths**

Muudatus standardile EN 60811-508:2012

Keel: en

Alusdokumendid: IEC 60811-508:2012/A1:2017; EN 60811-508:2012/A1:2017

Muudab dokumenti: EVS-EN 60811-508:2012

EVS-EN 60811-509:2012/A1:2017

**Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 509:
Mehaanilised katsetused. Isolatsiooni ja mantlite vastupidavuse katsetamine pragunemisele
kõrgel temperatuuril (katsetamine temperatuurilöögile)**

**Electric and optical fibre cables - Test methods for non-metallic materials - Part 509:
Mechanical tests - Test for resistance of insulations and sheaths to cracking (heat shock test)**

Muudatus standardile EN 60811-509:2012

Keel: en

Alusdokumendid: IEC 60811-509:2012/A1:2017; EN 60811-509:2012/A1:2017

Muudab dokumenti: EVS-EN 60811-509:2012

EVS-EN 60811-511:2012/A1:2017

**Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 511:
Mehaanilised katsetused. Polüeteenkompaundide sulavoolamisindeksi mõõtmine**

**Electric and optical fibre cables - Test methods for non-metallic materials - Part 511:
Mechanical tests - Measurement of the melt flow index of polyethylene compounds**

Muudatus standardile EN 60811-511:2012

Keel: en

Alusdokumendid: IEC 60811-511:2012/A1:2017; EN 60811-511:2012/A1:2017

Muudab dokumenti: EVS-EN 60811-511:2012

EVS-EN 62612:2013/A11:2017/AC:2017

**Ballastseadist sisaldavad üldtarbe-leedlambid pingega üle 50 V. Toimivusnõuded
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V -
Performance requirements**

Parandus dokumendile EN 62612:2013/A11:2017

Keel: en

Alusdokumendid: EN 62612:2013/A11:2017/AC:2017-11

Parandab dokumenti: EVS-EN 62612:2013/A11:2017

EVS-EN 62838:2016/AC:2017

**Üldtarbelised poolkompaktsed leedlambid vahelduv-toitepingega mitte üle 50 V või
pulsatsioonivaba alalis-toitepingega mitte üle 120 V. Ohutusnõuded
LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or
120 V ripple free d.c. - Safety specifications**

Parandus standardile EN 62838:2016

Keel: en

Alusdokumendid: IEC 62838:2015/COR1:2017; EN 62838:2016/AC:2017-11

Parandab dokumenti: EVS-EN 62838:2016

31 ELEKTROONIKA

EVS-EN 60286-1:2017

**Packaging of components for automatic handling - Part 1: Tape packaging of components with
axial leads on continuous tapes**

IEC 60286-1:2017(E) applies to the tape packaging of components with axial leads for use in electronic equipment. In general, the tape is applied to the component leads. It covers requirements for taping techniques used with equipment for the preforming of leads, automatic handling, insertion and other operations, and includes only those dimensions which are essential to the taping of components intended for the above-mentioned purposes. This edition includes the following significant changes with respect to the previous edition: a) a complete revision of the structure (detailed in Annex A) and reworked layout.

Keel: en

Alusdokumendid: IEC 60286-1:2017; EN 60286-1:2017

Asendab dokumenti: EVS-EN 60286-1:2003

EVS-EN 60679-1:2017

Piezoelectric, dielectric and electrostatic oscillators of assessed quality - Part 1: Generic specification

IEC 60679-1:2017(E) specifies general requirements for piezoelectric, dielectric and electrostatic oscillators, including Dielectric Resonator Oscillators (DRO) and oscillators using FBAR (hereinafter referred to as "Oscillator"), of assessed quality using either capability approval or qualification approval procedures. NOTE Dielectric Resonator Oscillators (DRO) and oscillators using FBAR are under consideration. This edition includes the following significant technical changes with respect to the previous edition: a) the title has been changed; b) additional matters related to oscillator using SAW or MEMS resonator in "Terms, definitions and general information" have been included; c) measurement methods of IEC 60679-1:2007 have been removed (they will be moved to IEC 62884 series); d) the content of Annex A has been extended; e) a new term and definition DIXO (Digital interfaced Crystal Oscillator) has been added; f) a new term and definition SSXO (Spread Spectrum Crystal Oscillator) has been added; g) Annex D has been added.

Keel: en

Alusdokumendid: IEC 60679-1:2017; EN 60679-1:2017

Asendab dokumenti: EVS-EN 60679-1:2007

EVS-EN 60747-16-4:2004/A2:2017

Semiconductor devices - Part 16-4: Microwave integrated circuits - Switches

Amendment for EN 60747-16-4:2004

Keel: en

Alusdokumendid: IEC 60747-16-4:2004/A2:2017; EN 60747-16-4:2004/A2:2017

Muudab dokumenti: EVS-EN 60747-16-4:2004

33 SIDETEHNIKA

EVS-EN 55025:2017/AC:2017

Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers

Corrigendum for EN 55025:2017

Keel: en

Alusdokumendid: CISPR 25:2016/COR1:2017; EN 55025:2017/AC:2017-11

Parandab dokumenti: EVS-EN 55025:2017

EVS-EN 60793-1-33:2017

Optical fibres - Part 1-33: Measurement methods and test procedures - Stress corrosion susceptibility

This part of IEC 60793 contains descriptions of the five main test methods for the determination of stress corrosion susceptibility parameters. The object of this document is to establish uniform requirements for the mechanical characteristic of stress corrosion susceptibility for silica-based fibres. Dynamic fatigue and static fatigue tests are used to determine the (dynamic) n_d value and (static) n_s value of stress corrosion susceptibility parameters. Currently, only the n_d -value is assessed against specification. Measured values greater than 18 per this procedure reflect the n_d -value of silica, which is approximately 20. Higher values will not translate to demonstrable enhanced fatigue resistance. Silica fibre mechanical tests determine the fracture stress and fatigue properties under conditions that model the practical applications as closely as possible. The following test methods are used for determining stress corrosion susceptibility: – A: Dynamic n_d value by axial tension; – B: Dynamic n_d value by two-point bending; – C: Static n_s value by axial tension; – D: Static n_s value by two-point bending; – E: Static n_s value by uniform bending. These methods are appropriate for category A1, A2 and A3 multimode, class B single-mode fibres and class C intraconnecting single-mode fibres. These tests provide values of the stress corrosion parameter, n , that can be used for reliability calculations according to IEC TR 62048 [18]1. Information common to all methods is contained in Clauses 1 to 10, and information pertaining to each individual test method appears in Annexes A, B, C, D, and E. Annexes F and G offer considerations for dynamic and static stress corrosion susceptibility parameter calculations, respectively; Annex H offers considerations on the different stress corrosion susceptibility parameter test methods.

Keel: en

Alusdokumendid: IEC 60793-1-33:2017; EN 60793-1-33:2017

Asendab dokumenti: EVS-EN 60793-1-33:2003

EVS-EN 61000-4-5:2014/A1:2017

Elektromagnetiline ühilduvus. Osa 4: Katsetus- ja mõõtetehnika. Jagu 5: Liigpingekindluse katsetus

Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test

Muudatus standardile EN 61000-4-5:2014

Keel: en

Alusdokumendid: IEC 61000-4-5:2014/A1:2017; EN 61000-4-5:2014/A1:2017

Muudab dokumenti: EVS-EN 61000-4-5:2014

EVS-EN 61970-452:2017

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

IEC 61970-452:2017 defines the subset of classes, class attributes, and roles from the CIM necessary to execute state estimation and power flow applications. This standard is intended for two distinct audiences, data producers and data recipients, and may be read from two perspectives. From the standpoint of model export software used by a data producer, the document describes a minimum subset of CIM classes, attributes, and associations which must be present in an XML formatted data file for model exchange. This new edition includes the following significant technical changes with respect to the previous edition: the Equipment profile has been split into three separate profiles, CoreEquipment, Operation and ShortCircuit; the HVDC model has been replaced with the new model defined in Edition 6 of 61970- 301.

Keel: en

Alusdokumendid: IEC 61970-452:2017; EN 61970-452:2017

Asendab dokumenti: EVS-EN 61970-452:2015

EVS-EN 63005-1:2017

Event video data recorder for road vehicle accidents - Part 1: Basic requirements

IEC 63005-1:2017(E) describes basic requirements for event video data recorders (EVDRs) for road vehicle accidents, used for identifying and analysing causes of accidents based on video from a front-mounted camera and other information obtained before and after such events. In addition to video from a front-mounted camera and vehicle behaviour, these products can record side and/or rear video data for enhanced functionalities in determining causes of accidents and analysing collision events.

Keel: en

Alusdokumendid: IEC 63005-1:2017; EN 63005-1:2017

EVS-IEC 60050(713):2001/A2:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 713: Raadioside: saatjad, vastuvõtjad, võrgud ja eksploatatsioon

International Electrotechnical Vocabulary (IEV) - Chapter 713: Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998/AMD2:2017)

Muudatus standardile EVS-IEC 60050(713):2001.

Keel: et-en

Alusdokumendid: IEC 60050-713:1998/AMD2:2017

Muudab dokumenti: EVS-IEC 60050(713):2001

35 INFOTEHNOLOOGIA

CEN ISO/TS 17444-2:2017

Electronic fee collection - Charging performance - Part 2: Examination framework (ISO/TS 17444-2:2017)

ISO/TS 17444-2:2017 defines the Examination Framework for the measurement of charging performance metrics defined in ISO/TS 17444- 1 to be used during Evaluation and/or on-going Monitoring. It specifies a method for the specification and documentation of a Specific Examination Framework which can be used by the responsible entity to evaluate charging performance for a particular information exchange interface or for overall charging performance within a Toll Scheme. It provides a toolbox of Examination Tests for the roles of Toll Charger and Toll Service Provider for the following Scheme types: a) DSRC Discrete; b) Autonomous Discrete; c) Autonomous Continuous. The detailed choice of the set of examination tests to be used depends on the application and the respective context. Compliance with this specification is understood as using the definitions and prescriptions laid out in ISO/TS 17444-2:2017 whenever the respective system aspects are subjected to performance measurements, rather than using other definitions and examination methods than the ones specified in ISO/TS 17444-2:2017. The following aspects are outside the scope of ISO/TS 17444-2:2017. - ISO/TS 17444-2:2017 does not propose specific numeric performance bounds, or average or worst-case error bounds in percentage or monetary units. Those decisions are left to the Toll Charger (or to agreements between Toll Charger and Service Provider). ISO/TS 17444-2:2017 does not consider the evaluation of the expected performance of a system based on modelling and measured data from trial at another place. - ISO/TS 17444-2:2017 does not consider the specification of a common reference system which would be required for comparison of performance between systems. - ISO/TS 17444-2:2017 defines measurements only on standardized interfaces. Proprietary interfaces are excluded, because it is not possible to define standardized metrics on such system properties. These excluded interfaces are among others the link between Toll Charger RSE and central systems in DSRC systems, and the additional sensor input of GNSS modules (inertial sensors, CAN-bus for wheel ticks, etc.).

Keel: en

Alusdokumendid: ISO/TS 17444-2:2017; CEN ISO/TS 17444-2:2017

Asendab dokumenti: CEN ISO/TS 17444-2:2013

EVS-EN 50672:2017

Arvutite ja serverite keskkonnahoidliku projekteerimise nõuded Ecodesign requirements for computers and computer servers

This European Standard provides methods to determine, by means of tests, measurements and/or calculations: - The energy consumption of desktop computers, integrated desktop computers and notebook computers in OFF mode, with Wake-on-LAN (when available) enabled and disabled; - The energy consumption of desktop computers, integrated desktop computers and

notebook computers in other modes of operation, including low power state(s); - The lowest power state of desktop computers, integrated desktop computers and notebook computers; - The Discrete Graphics Card (dGfx) category, when applicable; - The internal power supply efficiency of desktop computers, integrated desktop computers, computer thin clients, workstations, small-scale servers and computer servers; - The availability and the behaviour of a power management function. NOTE The "Discrete Graphics Card" may not be a physically separate printed circuit board but any hardware providing graphics acceleration function. This European Standard also suggests methods to determine, when such information is not otherwise available from a trustable source: - The efficiency of the external power supply supplied with the computer, if applicable; - The noise level of desktop computers, integrated desktop computers, computer thin clients, workstations, small-scale servers and computer servers; - The minimum number of loading cycles that the batteries can withstand; - The total mercury content in the integrated display, when applicable. This European Standard additionally provides guidance on information to be provided by manufacturers under some Ecodesign programmes or regulations, including, when applicable: - The results of the above mentioned energy efficiency measurements; - Energy efficiency parameters calculated from the above measurements (e.g. the total energy consumption, based on a pre-defined duty cycle); - The external power supply efficiency; - The noise levels (the declared A-weighted sound power level) of the computer; - The minimum number of loading cycles that the batteries can withstand; - Whether internal batteries can be "accessed and replaced by a nonprofessional user", and whether the related text is present and legible on the external packaging; - User information on power management functionality; - The total mercury content in the integrated display. This European Standard applies to desktop computers, integrated desktop computers, notebook computers (including tablet computers, slate computers and mobile thin clients), desktop thin clients, workstations, mobile workstations, small-scale servers and computer servers, that can be powered directly from the mains alternating current (a.c.), including via an external or internal power supply. This European Standard does not cover blade systems and components, server appliances, multi-node servers, computer servers with more than four processor sockets, game consoles and docking stations. This European Standard may be applied to any type of computer and computer server not specifically excluded, regardless of its power demand.

Keel: en

Alusdokumendid: EN 50672:2017

EVS-EN 62439-2:2017

Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)

The IEC 62439 series is applicable to high-availability automation networks based on the ISO/IEC/IEEE 8802-3 (IEEE 802.3) (Ethernet) technology. This part of the IEC 62439 series specifies a recovery protocol based on a ring topology, designed to react deterministically on a single failure of an inter-switch link or switch in the network, under the control of a dedicated media redundancy manager node.

Keel: en

Alusdokumendid: EN 62439-2:2017; IEC 62439-2:2016

Asendab dokumenti: EVS-EN 62439-2:2010

EVS-EN 62453-303-2:2009/A1:2017

Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP3/6

Amendment for EN 62453-303-2:2009

Keel: en

Alusdokumendid: EN 62453-303-2:2009/A1:2017; IEC 62453-303-2:2009/A1:2016

Muudab dokumenti: EVS-EN 62453-303-2:2009

EVS-EN 62453-315:2009/A1:2017

Field device tool (FDT) interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15

Amendment for EN 62453-315:2009

Keel: en

Alusdokumendid: EN 62453-315:2009/A1:2017; IEC 62453-315:2009/A1:2016

Muudab dokumenti: EVS-EN 62453-315:2009

EVS-EN ISO 13567-2:2017

Technical product documentation - Organization and naming of layers for CAD - Part 2: Concepts, format and codes used in construction documentation (ISO 13567-2:2017)

ISO 13567-2:2017 covers the organization and allocation of layers for CAD on construction projects for the purposes of communication and management.

Keel: en

Alusdokumendid: ISO 13567-2:2017; EN ISO 13567-2:2017

Asendab dokumenti: EVS-EN ISO 13567-2:2002

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 16973:2017

Road vehicles for combined transport - Semitrailer - Vertical transshipment

This European Standard describes the railway-specific requirements relating to semi-trailers which are transported by rail with pocket wagons. For this, the semi-trailers is meant to be suitable for handling by crane. They are handled by gantry cranes or mobile transhipment equipment by the grapples using grabs and lifted into the pocket wagons. The semi-trailers rests with their wheels on the sunken loading area (pocket) of the wagon and at the front with the fifth-wheel plate on the jack. The king pin is locked in the jack and is responsible for the fixing of the semi-trailer in all directions and hence also for withstanding the relevant forces.

Keel: en

Alusdokumendid: EN 16973:2017

EVS-EN 61851-21-1:2017/AC:2017

Electric vehicle conductive charging system - Part 21-1: Electric vehicle on-board charger EMC requirements for conductive connection to an AC/DC supply

Corrigendum for EN 61851-21-1:2017

Keel: en

Alusdokumendid: EN 61851-21-1:2017/AC:2017-11

Parandab dokumenti: EVS-EN 61851-21-1:2017

EVS-EN 62321-4:2014/A1:2017

Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS

Amendment for EN 62321-4:2014

Keel: en

Alusdokumendid: IEC 62321-4:2013/A1:2017; EN 62321-4:2014/A1:2017

Muudab dokumenti: EVS-EN 62321-4:2014

EVS-EN 63005-1:2017

Event video data recorder for road vehicle accidents - Part 1: Basic requirements

IEC 63005-1:2017(E) describes basic requirements for event video data recorders (EVDRs) for road vehicle accidents, used for identifying and analysing causes of accidents based on video from a front-mounted camera and other information obtained before and after such events. In addition to video from a front-mounted camera and vehicle behaviour, these products can record side and/or rear video data for enhanced functionalities in determining causes of accidents and analysing collision events.

Keel: en

Alusdokumendid: IEC 63005-1:2017; EN 63005-1:2017

45 RAUDTEETEHNIKA

EVS-EN 1907:2017

Safety requirements for cableway installations designed to carry persons - Terminology

This document specifies general terms used in the European standards on safety requirements for cableway installations designed to carry persons. The document concerns terms which are - part of the vocabulary specific to these installations; - scientific, technical or in everyday use and have a particular meaning in this field or for which definition in more detail seems necessary. Terms which are specific to standards which are listed in the foreword are defined in each of these standards. This document does not apply to installations for the transportation of goods, nor to elevators. In the application of this document, the following terms are used, defined and given the reference numbers below.

Keel: en

Alusdokumendid: EN 1907:2017

Asendab dokumenti: EVS-EN 1907:2005

EVS-EN 60077-1:2017

Railway applications - Electric equipment for rolling stock - Part 1: General service conditions and general rules

This part of IEC 60077 specifies the general service conditions and requirements for all electric equipment installed in power circuits, auxiliary circuits, control and indicating circuits etc., on railway rolling stock. NOTE Some of these rules can, after agreement between the user and the manufacturer, be used for electrical equipment installed on vehicles other than railway rolling stock, such as mine locomotives, trolley buses, etc. The purpose of this document is to harmonize as far as practicable all rules and requirements of a general nature applicable to electric equipment for rolling stock. This is in order to obtain uniformity of requirements and tests throughout the corresponding range of equipment to avoid the need for testing to different standards. All requirements relating to: • the environmental stresses expected during the normal service conditions; • the construction; • the performance and the associated tests which can be considered as general; have therefore been gathered in this document together with specific subjects of wide interest and application, for example temperature rise, dielectric properties, etc. In the event of there being a difference in requirements between this document and a railway rolling stock relevant product standard, then the product standard requirements take precedence.

Keel: en

Alusdokumendid: IEC 60077-1:2017; EN 60077-1:2017

Asendab dokumenti: EVS-EN 60077-1:2003

EVS-EN 60077-2:2017

Railway applications - Electric equipment for rolling stock - Part 2: Electrotechnical components - General rules

IEC 60077-2:2017 provides general rules for all electrotechnical components installed in power circuits, auxiliary circuits, control and indicating circuits, etc., on railway rolling stock. The purpose of this document is to adapt the general rules given in IEC 60077-1 to all electrotechnical components for rolling stock, in order to obtain uniformity of requirements and tests for the corresponding range of components. This new edition includes the following main technical changes with regard to the previous edition: short circuit breaking capacity; rated short-time withstand current; critical currents range; specification of climatic conditions. This standard is to be read in conjunction with IEC 60077-1:2017.

Keel: en

Alusdokumendid: IEC 60077-2:2017; EN 60077-2:2017

Asendab dokumenti: EVS-EN 60077-2:2003

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2346-005:2017

Aerospace series - Cable, electrical, fire resistant - Operating temperatures between -65 °C and 260 °C - Part 005: DW family, single UV laser printable and multicore assembly - Light weight - Product standard

This European Standard specifies the characteristics of light weight fire proof, unscreened, electrical cables for use in the on-board electrical systems of aircraft at operating temperature between – 65 °C and 260 °C. This cable has not been demonstrated to be arc resistance at a.c.voltages above 200 V rms (network 115/200 V rms). Single core is UV laser printable in accordance with EN 3838; UV laser markability is not mandatory for multicore cables.

Keel: en

Alusdokumendid: EN 2346-005:2017

Asendab dokumenti: EVS-EN 2346-005:2014

EVS-EN 2997-006:2017

Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 006: Hermetic jam-nut mounted receptacle - Product standard

This European Standard specifies the characteristics of hermetic jam-nut mounted receptacles in the family of circular electrical connectors coupled by threaded ring. It applies to the class defined in Table 4. For plugs and protective covers, see EN 2997-008 and EN 2997-009 respectively. For spare jam-nuts and O-rings, see EN 2997-012 and EN 2997-013 respectively.

Keel: en

Alusdokumendid: EN 2997-006:2017

Asendab dokumenti: EVS-EN 2997-006:2006

EVS-EN 3475-707:2017

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 707: Stabilization of assembly

This European Standard specifies methods for measuring the stability of twisted assembly. This characteristic is mandatory on section up to 1 mm². It shall be used together with EN 3475-100.

Keel: en

Alusdokumendid: EN 3475-707:2017

EVS-EN 3904:2017

Aerospace series - Washers, wire locking in aluminium alloy, anodized

This European Standard specifies the characteristics of wire locking washers in aluminium alloy, anodized for maximum operating temperature 120 °C for aerospace applications.

Keel: en

Alusdokumendid: EN 3904:2017

EVS-EN 4652-221:2017

Aerospace series - Connectors, coaxial, radio frequency - Part 221: Type 2, TNC interface - Crimp version - Right angle plug - Product standard

This European Standard specifies the characteristics of screwed on coupling (TNC interface) coaxial right angle plugs – 50 ohms. The cable to connector assembly is a crimp technology.

Keel: en

Alusdokumendid: EN 4652-221:2017

EVS-EN 4652-222:2017

Aerospace series - Connectors, coaxial, radio frequency - Part 222: Type 2, TNC interface - Crimp version - Square flange receptacle - Product standard

This European Standard specifies the characteristics of screwed on coupling (TNC interface) coaxial square flange receptacle – 50 ohms. The cable to connector assembly is crimp technology.

Keel: en

Alusdokumendid: EN 4652-222:2017

EVS-EN 4652-320:2017

Aerospace series - Connectors, coaxial, radio frequency - Part 320: Type 3, N interface - Crimp version - Straight plug - Product standard

This European Standard specifies the characteristics of screwed on coupling (N interface) coaxial straight plugs – 50 ohms. The cable to connector assembly is a crimp technology.

Keel: en

Alusdokumendid: EN 4652-320:2017

EVS-EN 4652-321:2017

Aerospace series - Connectors, coaxial, radio frequency - Part 321: Type 3, N interface - Crimp assembly version - Right angle plug - Product standard

This European Standard specifies the characteristics of screwed on coupling (N interface) coaxial right angle plugs – 50 ohms. The cable to connector assembly is a crimp technology.

Keel: en

Alusdokumendid: EN 4652-321:2017

EVS-EN 4652-322:2017

Aerospace series - Connectors, coaxial, radio frequency - Part 322: Type 3, N interface - Crimp version - Square flange receptacle - Product standard

This European Standard specifies the characteristics of screwed on coupling (N interface) coaxial square flange receptacle – 50 ohms. The cable to connector assembly is a crimp technology.

Keel: en

Alusdokumendid: EN 4652-322:2017

EVS-EN 4674-004:2017

Aerospace series - Electrical cables, installation - Self-wrapping shielding (EMI) protective sleeve - Part 004: Open sleeve - Outside pressurized area - EMI protection 10 kA - Temperature range -65 °C to 200 °C - Product standard

This European Standard specifies the characteristics of flexible 10 kA self-wrapping shielding (EMI) protection sleeves, to be installed mainly outside pressurized areas on electrical cables or cable bundles, made from nickel plated copper strands and PPS (polyphenylene sulphide) monofilament.

Keel: en

Alusdokumendid: EN 4674-004:2017

Asendab dokumenti: EVS-EN 4674-004:2015

EVS-EN 4708-104:2017

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 104: Semi-rigid polyvinylidene fluoride (PDVF) - Operating temperature -55 °C to 175 °C - Product Standard

This European Standard specifies the required characteristics for a heat-shrinkable, semi-rigid polyvinylidene sleeving for use in aircraft electrical systems at operating temperatures between – 55 °C and 175 °C. This sleeving is basically transparent, but may be tinted. It is semi-rigid, tough and abrasion resistant, and is suitable for use where strain relief and mechanical protection are required, or where their transparent properties are desirable. These sleeveings are normally supplied with internal diameters up to 25,4 mm for shrink ratios of 2:1. Sizes other than those specifically listed in this European Standard may be available. These items shall be considered to comply with this European Standard if they comply with the property requirements listed in Tables 2, 3 and 4 except for dimensions and mass.

Keel: en

Alusdokumendid: EN 4708-104:2017

EVS-EN 6018:2017

Aerospace series - Test methods for metallic materials - Determination of density according to displacement method

This European Standard defines the determination of density according to displacement method for metallic materials.

Keel: en

Alusdokumendid: EN 6018:2017

EVS-EN 6049-008:2017

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 008: Self-wrapping shielded (EMI) protective sleeve with nickel copper braid, flexible post installation operating temperature from -55 °C to 200 °C - Product standard

This European Standard specifies the characteristics of post installation flexible self-wrapping EMI shielding protection sleeves for electrical cable and cable bundles made from meta-aramid fibres for the external sleeve, and nickel copper plated braid as the internal layer and provided with a water repellent protection for aerospace application.

Keel: en

Alusdokumendid: EN 6049-008:2017

Asendab dokumenti: EVS-EN 6049-008:2013

EVS-EN 6059-303:2017

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 303: Resistance to fluids

This European Standard specifies a method for determining the fluid resistance of protection sleeves for electrical cable and cable bundles for aerospace application. It shall be used together with EN 6059-100.

Keel: en

Alusdokumendid: EN 6059-303:2017

61 RÕIVATÖÖSTUS

EVS-EN ISO 20536:2017

Footwear - Critical substances potentially present in footwear and footwear components - Determination of phenol in footwear materials (ISO 20536:2017)

ISO 20536:2017 specifies a method to determine the amount of phenol in footwear and footwear components. It is applicable to all parts of footwear except for metal parts. NOTE ISO/TR 16178:2012, Table 1 defines which materials are included in this determination.

Keel: en

Alusdokumendid: ISO 20536:2017; EN ISO 20536:2017

65 PÕLLUMAJANDUS

EVS-EN 13368-2:2017

Väetised. Väetistes olevate kelaadimoodustajate kromatograafilise määramine. Osa 2: o,o-EDDHA, o,o-EDDHMA ja HBED abil kelaaditud raua või kelaadimoodustajate hulga määramine ionvahetuskromatograafiaga

Fertilizers - Determination of chelating agents in fertilizers by chromatography - Part 2: Determination of Fe chelated by [o,o] EDDHA, [o,o] EDDHMA and HBED, or the amount of chelating agents, by ion pair chromatography

This European Standard specifies a method for the chromatographic determination of the iron chelated by each individual ortho(hydroxy)-ortho(hydroxy) isomer of the chelating agents [o,o] EDDHA, [o,o] EDDHMA and by HBED in fertilizers containing one or more of these substances, except for [o,o] EDDHMA and HBED mixes. The method allows the identification and the determination of the total concentration of water soluble iron chelates of these chelating agents. Also, after derivatization with Fe, the soluble amount of the chelating agents can be determined when other micro-nutrients, beside Fe are present in fertilizers containing [o,o] EDDHA, [o,o] EDDHMA or HBED. This method is applicable to EC fertilizers covered by Regulation (EC) No 2003/2003 [4]. It is applicable to a mass fraction of the metal chelated of at least 0,625 %. NOTE 1 The substances EDDHA (ethylenediamine-N,N'-di[(hydroxyphenyl)acetic acid] and EDDHMA (ethylenediamine-N,N'-di[(hydroxymethylphenyl)acetic acid] exist as several different isomeric forms. Positional isomers for the hydroxyl or methyl groups (in ortho, meta, and para positions) as well as stereo isomers (meso and dl-racemic forms) are known. Both meso and dl-racemic forms of the [ortho,ortho] EDDHA and [ortho,ortho] EDDHMA are positional isomers for the hydroxyl groups allowed by the Regulation (EC) No 2003/2003. Since para, meta and ortho methyl positional isomers of the EDDHMA present quite similar stability, they could be grouped: in the method here described the para, meta and ortho methyl positional isomers of the [o,o] EDDHMA are considered together. HBED (N,N'-bis(2-hydroxybenzyl)-ethylenediamine-N,N'-diacetic acid) does not present isomeric forms. NOTE 2 At present, analytically pure standards only exist for [ortho,ortho] EDDHA, [ortho,ortho] EDDHMA and HBED. All other substances being unavailable as a standard, the influence of their eventual presence in the samples (with respect to the sensitivity and the selectivity of this method) has not been studied. NOTE 3 The meso and the dl-racemic forms of [o,o] EDDHA and [o,o] EDDHMA can be determined separately by this method.

Keel: en

Alusdokumendid: EN 13368-2:2017

Asendab dokumenti: EVS-EN 13368-2:2012

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-ISO 12917-1:2017

Toornafta ja vedelad naftatooted. Horisontaalsete silindriliste mahutite kalibreerimine. Osa 1: Käsitsi mõõtemetodid **Petroleum and liquid petroleum products - Calibration of horizontal cylindrical tanks - Part 1: Manual methods (ISO 12917-1:2017)**

See dokument määratleb käsitsi mõõtemetodid fikseeritud asukohta paigaldatud, olemuselt horisontaalsete mahutite kalibreerimisel. Meetodid selles dokumendis on rakendatavad nii soojustatud kui ka soojustuseta mahutite korral asukohaga nii maa all kui ka maa peal. Meetodid on rakendatavad survestatud mahutite korral ning mahutitele, millel on üleminekuraadiusega ümarad, tasapinnalised, elliptilised või sfäärilise kujuga otsad. See dokument on rakendatav kaldega mahutite korral, eeldusel et kalde mõõtetulemuste põhjal rakendatakse vastavat parandit. Kuigi see dokument ei kehtesta piiranguid mahuti maksimaalsele läbimõõdule ega kaldele, mille korral dokument on rakendatav, on praktilised piirid ligikaudu 4 m läbimõõdule ja 10° kaldele.

Keel: en, et

Alusdokumendid: ISO 12917-1:2017

Asendab dokumenti: EVS-ISO 12917-1:2006

Asendab dokumenti: EVS-ISO 12917-1:2006/AC:2010

77 METALLURGIA

EVS-EN 10263-4:2017

Steel rod, bars and wire for cold heading and cold extrusion - Part 4: Technical delivery conditions for steels for quenching and tempering

1.1 This Part of EN 10263 is applicable to round rod and round bars and wire with a diameter up to and including 100 mm, of non-alloy and alloy steel, intended for cold heading, cold extrusion, subsequent quenching and tempering and induction hardening or flame hardening. 1.2 prEN 10263-1:2013 is indispensable for this Part of EN 10263.

Keel: en

Alusdokumendid: EN 10263-4:2017

Asendab dokumenti: EVS-EN 10263-4:2001

Asendab dokumenti: EVS-EN 10263-4:2001/AC:2013

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 899-1:2017

Plastics - Determination of creep behaviour - Part 1: Tensile creep (ISO 899-1:2017)

ISO 899-1 specifies a method for determining the tensile creep of plastics in the form of standard test specimens under specified conditions such as those of pretreatment, temperature and humidity. The method is suitable for use with rigid and semi-rigid non-reinforced, filled and fibre-reinforced plastics materials in the form of dumb-bell-shaped test specimens moulded directly or machined from sheets or moulded articles. The method is intended to provide data for engineering-design and research and development purposes. Data for engineering-design purposes requires the use of extensometers to measure the gauge length of the specimen. Data for research or quality-control purposes may use the change in distance between the grips (nominal extension). Tensile creep can vary significantly with differences in specimen preparation and dimensions and in the test environment. The thermal history of the test specimen can also have profound effects on its creep behaviour (see Annex A). Consequently, when precise comparative results are required, these factors are intended to be carefully controlled. If tensile-creep properties are used for engineering-design purposes, the plastics materials are intended to be tested over a broad range of stresses, times and environmental conditions.

Keel: en

Alusdokumendid: ISO 899-1:2017; EN ISO 899-1:2017

Asendab dokumenti: EVS-EN ISO 899-1:2004

Asendab dokumenti: EVS-EN ISO 899-1:2004/A1:2015

91 EHITUSMATERJALID JA EHITUS

CEN/TR 115-3:2017

Safety of escalators and moving walks - Part 3: Correlation between EN 115-1:2008+A1:2010 and EN 115-1:2017

This Technical Report applies to escalators and moving walks built in accordance with EN 115-1:2017.

Keel: en

Alusdokumendid: CEN/TR 115-3:2017

Asendab dokumenti: CEN/TR 115-3:2009

EVS-EN 1451-1:2017

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

This part of EN 1451 specifies the requirements for solid-wall polypropylene (PP) pipes, fittings and the system intended for: - soil and waste discharge applications (low and high temperature) inside buildings (application area code "B"); - soil and waste discharge applications (low and high temperature) for both inside buildings and buried in the ground within the building structure (application area code "BD"). This part of EN 1451 is also applicable to PP pipes and fittings and the system intended for the following purposes: - ventilating part of the pipework in association with discharge applications; - rainwater pipework within the building structure. It also specifies the test parameters for the test methods referred to in this standard. This standard covers a range of nominal sizes, a range of pipes and fittings series and gives recommendations concerning colours. It applies to pipes and fittings, marked with "B", which are intended to be used inside buildings and outside buildings fixed onto the wall. This standard is applicable to PP pipes and fittings of the following types: - plain-ended; - with integral elastomeric ring seal socket; - for butt fusion joints. whereby the fittings can be manufactured by injection-moulding or be fabricated from pipes and/or mouldings.

Keel: en

Alusdokumendid: EN 1451-1:2017

Asendab dokumenti: EVS-EN 1451-1:2000

EVS-EN ISO 8394-2:2017

Buildings and civil engineering works - Determination of extrudability for sealant - Part 2: Using standardized apparatus (ISO 8394-2:2017)

ISO 8394-2 specifies a method for determining the extrudability of sealants independently of the package in which they are supplied.

Keel: en

Alusdokumendid: ISO 8394-2:2017; EN ISO 8394-2:2017

Asendab dokumenti: EVS-EN ISO 8394-2:2010

Asendab dokumenti: EVS-EN ISO 8394-2:2010/AC:2011

EVS-HD 60364-6:2016/AC:2017

Madalpingelised elektripaigaldised. Osa 6: Kontrollitoimingud Low-voltage electrical installations - Part 6: Verification

Standardi EVS-HD 60364-6:2016 parandus.

Keel: en, et

Alusdokumendid: HD 60364-6:2016/AC:2017-11; IEC 60364-6:2016/COR1:2017

Parandab dokumenti: EVS-HD 60364-6:2016

Parandab dokumenti: EVS-HD 60364-6:2016+A11:2017

Parandab dokumenti: EVS-HD 60364-6:2016+A11+A12

93 RAJATISED

EVS-EN 12697-13:2017

Bituminous mixtures - Test methods - Part 13: Temperature measurement

This European Standard describes a test method for measuring the temperature of asphalt mixtures after mixing and during storage, transportation and laying. This European Standard includes the contact temperature-measuring device and the non-contact temperature-measuring device (infrared-thermometer). In cases of dispute, the reference method shall be using the contact temperature measuring device.

Keel: en

Alusdokumendid: EN 12697-13:2017

Asendab dokumenti: EVS-EN 12697-13:2001

EVS-EN 12697-23:2017

Bituminous mixtures - Test methods - Part 23: Determination of the indirect tensile strength of bituminous specimens

This European Standard specifies a test method for determining the (splitting) indirect tensile strength of cylindrical specimens of bituminous mixtures.

Keel: en

Alusdokumendid: EN 12697-23:2017

Asendab dokumenti: EVS-EN 12697-23:2003

EVS-EN ISO 22476-10:2017

Geotechnical investigation and testing - Field testing - Part 10: Weight sounding test (ISO 22476-10:2017)

ISO 22476-10 specifies the equipment, execution and reporting requirements of the weight sounding test. NOTE ISO 22476-10 fulfils the requirements for the weight sounding test as part of the geotechnical investigation and testing according to EN 1997?1

and EN 1997-2. ISO 22476-10 specifies the procedure for conducting a test with the weight sounding device in natural soils, made ground, and fill either on land or on water. ISO 22476-10 is applicable to the determination of the resistance of soil to the static load or the static load and the specified turning of the sounding point. ISO 22476-10 gives guidelines for the use of the weight sounding test to give a continuous soil profile and an indication of the layer sequence. The use includes the estimation of the density of cohesionless soils and the depth to very dense ground layers indicating the length of end-bearing piles.

Keel: en

Alusdokumendid: ISO 22476-10:2017; EN ISO 22476-10:2017

Asendab dokumenti: CEN ISO/TS 22476-10:2005

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 1907:2005

Safety requirements for cableway installations designed to carry persons - Terminology

Keel: en

Alusdokumendid: EN 1907:2005

Asendatud järgmise dokumendiga: EVS-EN 1907:2017

Standardi staatus: Kehtetu

EVS-EN ISO 13567-2:2002

Technical product documentation - Organization and naming of layers for CAD - Part 2: Concepts, format and codes used in construction documentation

Keel: en

Alusdokumendid: ISO 13567-2:1998; EN ISO 13567-2:2002

Asendatud järgmise dokumendiga: EVS-EN ISO 13567-2:2017

Standardi staatus: Kehtetu

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

CEN ISO/TS 17444-2:2013

Elektroniline maksukogumine. Süsteemi toimivus. Osa 2: Kontrolli alused

Electronic fee collection - Charging performance - Part 2: Examination Framework (ISO/TS 17444-2:2013)

Keel: en

Alusdokumendid: ISO/TS 17444-2:2013; CEN ISO/TS 17444-2:2013

Asendatud järgmise dokumendiga: CEN ISO/TS 17444-2:2017

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 14058:2004

Kaitseriietus. Rõivad kaitseks jahedate keskkondade eest

Protective clothing - Garments for protection against cool environments

Keel: en

Alusdokumendid: EN 14058:2004

Asendatud järgmise dokumendiga: EVS-EN 14058:2017

Standardi staatus: Kehtetu

EVS-EN 342:2004

Kaitseriietus. Külmakaitsekomplektid ja -rõivad

Protective clothing - Ensembles and garments for protection against cold

Keel: en

Alusdokumendid: EN 342:2004

Asendatud järgmise dokumendiga: EVS-EN 342:2017

Parandatud järgmise dokumendiga: EVS-EN 342:2004/AC:2008

Standardi staatus: Kehtetu

EVS-EN 342:2004/AC:2008

Protective clothing - Ensembles and garments for protection against cold

Keel: en

Alusdokumendid: EN 342:2004/AC:2008

Asendatud järgmise dokumendiga: EVS-EN 342:2017

Standardi staatus: Kehtetu

EVS-EN 50131-2-2:2008

Alarm systems - Intrusion and hold-up systems - Part 2-2: Intrusion detectors - Passive infrared detectors

Keel: en

Alusdokumendid: EN 50131-2-2:2008
Asendatud järgmise dokumendiga: EVS-EN 50131-2-2:2017
Parandatud järgmise dokumendiga: EVS-EN 50131-2-2:2008/IS:2014
Standardi staatus: Kehtetu

EVS-EN 50131-2-2:2008/IS:2014

Alarm systems - Intrusion and hold-up systems - Part 2-2: Intrusion detectors - Passive infrared detectors

Keel: en
Alusdokumendid: EN 50131-2-2:2008/IS1:2014
Asendatud järgmise dokumendiga: EVS-EN 50131-2-2:2017
Standardi staatus: Kehtetu

EVS-EN 50421:2006

Product standard to demonstrate the compliance of stand alone broadcast transmitters with the reference levels or the basic restrictions related to public human exposure to radio frequency electromagnetic fields (30 MHz - 40 GHz)

Keel: en
Alusdokumendid: EN 50421:2006
Standardi staatus: Kehtetu

EVS-EN 50476:2008

Product standard to demonstrate the compliance of broadcast station transmitters with the reference levels and the basic restrictions related to public exposure to radio frequency electromagnetic fields (3 MHz - 30 MHz)

Keel: en
Alusdokumendid: EN 50476:2008
Standardi staatus: Kehtetu

EVS-EN ISO 11508:2014

Soil quality - Determination of particle density (ISO 11508:1998)

Keel: en
Alusdokumendid: ISO 11508:1998; EN ISO 11508:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 11508:2017
Asendatud järgmise dokumendiga: FprEN ISO 11508 - ekslikult imporditud
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 12697-13:2001

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 13: Temperatuuri mõõtmine Bituminous mixtures - Test methods for hot mix asphalt - Part 13: Temperature measurement

Keel: en, et
Alusdokumendid: EN 12697-13:2000 + AC:2001
Asendatud järgmise dokumendiga: EVS-EN 12697-13:2017
Standardi staatus: Kehtetu

EVS-EN 13032-2:2005

Valgus ja valgustus. Lampide ja valgustite fotomeetriliste andmete mõõtmine ja esitamine. Osa 2: Andmete esitamine sise- ja välistingimustes paiknevate töökohtade korral Light and lighting. Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places

Keel: en, et
Alusdokumendid: EN 13032-2:2004+AC:2007
Asendatud järgmise dokumendiga: EVS-EN 13032-2:2017
Parandatud järgmise dokumendiga: EVS-EN 13032-2:2005/AC:2013
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 14784-2:2005

Non-destructive testing - Industrial computed radiography with storage phosphor imaging plates - Part 2: General principles for testing of metallic materials using X-rays and gamma rays

Keel: en
Alusdokumendid: EN 14784-2:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 16371-2:2017
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12627:1999

Tööstuslikud ventiilid. Terasventiilide pökk-keevitatavad äärikud Industrial valves - Butt welding ends

Keel: en
Alusdokumendid: EN 12627:1999
Asendatud järgmise dokumendiga: EVS-EN 12627:2017
Standardi staatus: Kehtetu

EVS-EN 1451-1:2000

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

Keel: en
Alusdokumendid: EN 1451-1:1998
Asendatud järgmise dokumendiga: EVS-EN 1451-1:2017
Standardi staatus: Kehtetu

EVS-ISO 12917-1:2006

Toornafta ja vedelad naftatooted. Horisontaalsete silindriliste mahutite kalibreerimine. Osa 1: Käsitsi mõõtemetodid (ISO 12917-1:2002) Petroleum and liquid petroleum products - Calibration of horizontal cylindrical tanks - Part 1: Manual methods (ISO 12917-1:2002)

Keel: en, et
Alusdokumendid: ISO 12917-1:2002; ISO 12917-1:2002/Cor 1:2009
Asendatud järgmise dokumendiga: EVS-ISO 12917-1:2017
Parandatud järgmise dokumendiga: EVS-ISO 12917-1:2006/AC:2010
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOGIA

EVS-EN 62439-2:2010

Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)

Keel: en
Alusdokumendid: IEC 62439-2:2010; EN 62439-2:2010
Asendatud järgmise dokumendiga: EVS-EN 62439-2:2017
Standardi staatus: Kehtetu

EVS-EN ISO 10675-2:2013

Non-destructive testing of welds - Acceptance levels for radiographic testing - Part 2: Aluminium and its alloys (ISO 10675-2:2010)

Keel: en
Alusdokumendid: ISO 10675-2:2010; EN ISO 10675-2:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 10675-2:2017
Standardi staatus: Kehtetu

EVS-EN ISO 2143:2010

Anodizing of aluminium and its alloys - Estimation of loss of absorptive power of anodic oxidation coatings after sealing - Dye spot test with prior acid treatment

Keel: en
Alusdokumendid: ISO 2143:2010; EN ISO 2143:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 2143:2017
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN ISO 9806:2013

Solar energy - Solar thermal collectors - Test methods

Keel: en

Alusdokumendid: ISO 9806:2013; EN ISO 9806:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 9806:2017

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 13032-2:2005

Valgus ja valgustus. Lampide ja valgustite fotomeetriliste andmete mõõtmine ja esitamine. Osa 2: Andmete esitamine sise- ja välistingimustes paiknevate töökohtade korral

Light and lighting. Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places

Keel: en, et

Alusdokumendid: EN 13032-2:2004+AC:2007

Asendatud järgmise dokumendiga: EVS-EN 13032-2:2017

Parandatud järgmise dokumendiga: EVS-EN 13032-2:2005/AC:2013

Standardi staatus: Kehtetu

EVS-EN 60077-1:2003

Railway applications - Electric equipment for rolling stock - Part 1: General service conditions and general rules

Keel: en

Alusdokumendid: IEC 60077-1:1999; EN 60077-1:2002

Asendatud järgmise dokumendiga: EVS-EN 60077-1:2017

Standardi staatus: Kehtetu

EVS-EN 60137:2008

Insulating bushings for alternating voltages above 1000 V

Keel: en

Alusdokumendid: IEC 60137:2008; EN 60137:2008

Asendatud järgmise dokumendiga: EVS-EN 60137:2017

Standardi staatus: Kehtetu

EVS-EN 60317-0-7:2012

Specifications for particular types of winding wires - Part 0-7: General requirements - Fully insulated (FIW) zero-defect enamelled round copper wire with nominal conductor diameter of 0,040 mm to 1,600 mm

Keel: en

Alusdokumendid: IEC 60317-0-7:2012; EN 60317-0-7:2012

Asendatud järgmise dokumendiga: EVS-EN 60317-0-7:2017

Standardi staatus: Kehtetu

EVS-EN 60445:2011

Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otste ja juhtide tuvastamine

Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors

Keel: en, et

Alusdokumendid: IEC 60445:2010; EN 60445:2010

Asendatud järgmise dokumendiga: EVS-EN 60445:2017

Standardi staatus: Kehtetu

EVS-EN 60715:2002

Madalpingeliste lülitus- ja juhtimisaparaatide mõõtmed. Standardne paigaldamine elektriseadmete kandeliistudele lülitus- ja juhtimispaigaldistes

Dimensions of low-voltage switchgear and controlgear - Standardized mounting on rails for mechanical support of electrical devices in switchgear and controlgear installations

Keel: en

Alusdokumendid: IEC 60715:1981+A1:1995; EN 60715:2001

Asendatud järgmise dokumendiga: EVS-EN 60715:2017
Standardi staatus: Kehtetu

EVS-HD 631.1 S2:2007

Electric cables - Accessories - Material characterisation -- Part 1: Fingerprinting and type tests for resinous compounds

Keel: en
Alusdokumendid: HD 631.1 S2:2007
Asendatud järgmise dokumendiga: EVS-EN 50655-1:2017
Standardi staatus: Kehtetu

EVS-HD 631.2 S1:2007

Electric cables - Accessories - Material characterisation -- Part 2: Fingerprinting and type tests for heat shrinkable components for low voltage applications

Keel: en
Alusdokumendid: HD 631.2 S1:2007
Asendatud järgmise dokumendiga: EVS-EN 50655-2:2017
Standardi staatus: Kehtetu

EVS-HD 631.3 S1:2008

Electric cables - Accessories - Material characterisation -- Part 3: Fingerprinting for heat shrinkable components for medium voltage applications from 3,6/6 (7,2) kV up to 20,8/36 (42) kV

Keel: en
Alusdokumendid: HD 631.3 S1:2008
Asendatud järgmise dokumendiga: EVS-EN 50655-2:2017
Standardi staatus: Kehtetu

EVS-HD 631.4 S1:2008

Electrical cables - Accessories - Material characterisation -- Part 4: Fingerprinting for cold shrinkable components for low and medium voltage applications up to 20,8/36(42) kV

Keel: en
Alusdokumendid: HD 631.4 S1:2008
Asendatud järgmise dokumendiga: EVS-EN 50655-3:2017
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60194:2006

Printed board design, manufacture and assembly - Terms and definitions

Keel: en
Alusdokumendid: IEC 60194:2006; EN 60194:2006
Standardi staatus: Kehtetu

EVS-EN 60286-1:2003

Packaging of components for automatic handling - Part 1: Tape packaging of components with axial leads on continuous tapes

Keel: en
Alusdokumendid: IEC 60286-1:1997; EN 60286-1:1998
Asendatud järgmise dokumendiga: EVS-EN 60286-1:2017
Standardi staatus: Kehtetu

EVS-EN 60679-1:2007

Quartz crystal controlled oscillators of assessed quality -- Part 1: Generic specification

Keel: en
Alusdokumendid: IEC 60679-1:2007; EN 60679-1:2007
Asendatud järgmise dokumendiga: EVS-EN 60679-1:2017
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60793-1-33:2003

Optical fibres - Part 1-33: Measurement methods and test procedures -Stress corrosion susceptibility

Keel: en

Alusdokumendid: IEC 60793-1-33:2001; EN 60793-1-33:2002

Asendatud järgmise dokumendiga: EVS-EN 60793-1-33:2017

Standardi staatus: Kehtetu

EVS-EN 61970-452:2015

Energy management system application program interface (EMS-API) - Part 452: CIM model exchange specification

Keel: en

Alusdokumendid: IEC 61970-452:2015; EN 61970-452:2015

Asendatud järgmise dokumendiga: EVS-EN 61970-452:2017

Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN ISO/TS 17444-2:2013

Elektroniline maksukogumine. Süsteemi toimivus. Osa 2: Kontrolli alused Electronic fee collection - Charging performance - Part 2: Examination Framework (ISO/TS 17444-2:2013)

Keel: en

Alusdokumendid: ISO/TS 17444-2:2013; CEN ISO/TS 17444-2:2013

Asendatud järgmise dokumendiga: CEN ISO/TS 17444-2:2017

Standardi staatus: Kehtetu

CEN/TR 15640:2007

Health informatics - Measures for ensuring the patient safety of health software

Keel: en

Alusdokumendid: CEN/TR 15640:2007

Standardi staatus: Kehtetu

CEN/TS 15260:2006

Health informatics - Classification of safety risks from health informatics products

Keel: en

Alusdokumendid: CEN/TS 15260:2006

Standardi staatus: Kehtetu

CR 13694:1999

Health Informatics - Safety and Security Related Software Quality Standards for Healthcare (SSQS)

Keel: en

Alusdokumendid: CR 13694:1999

Standardi staatus: Kehtetu

ENV 12537-1:1997

Medical informatics - Registration of information objects used for EDI in healthcare - Part 1: The Register

Keel: en

Alusdokumendid: ENV 12537-1:1997

Standardi staatus: Kehtetu

EVS-EN 62439-2:2010

Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)

Keel: en

Alusdokumendid: IEC 62439-2:2010; EN 62439-2:2010

Asendatud järgmise dokumendiga: EVS-EN 62439-2:2017

Standardi staatus: Kehtetu

EVS-EN ISO 13567-2:2002

Technical product documentation - Organization and naming of layers for CAD - Part 2: Concepts, format and codes used in construction documentation

Keel: en

Alusdokumendid: ISO 13567-2:1998; EN ISO 13567-2:2002

Asendatud järgmise dokumendiga: EVS-EN ISO 13567-2:2017

Standardi staatus: Kehtetu

39 TÄPPISMEHAANIKA. JUVEELITOOTED

EVS-EN ISO 11489:2004

Plaatinasalduse määramine juveeltoodete plaatinasulamites. Kaalanalüüsimeetod pärast elavhõbe(I)kloriidiga taandamist

Determination of platinum in platinum jewellery alloys - Gravimetric method after reduction with mercury(I) chloride

Keel: en, et

Alusdokumendid: ISO 11489:1995; EN ISO 11489:1995

Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHTUS

CWA 16688:2013

Battery Swap Systems Interfaces for Electric Vehicles

Keel: en

Alusdokumendid: CWA 16688:2013

Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 1907:2005

Safety requirements for cableway installations designed to carry persons - Terminology

Keel: en

Alusdokumendid: EN 1907:2005

Asendatud järgmise dokumendiga: EVS-EN 1907:2017

Standardi staatus: Kehtetu

EVS-EN 60077-2:2003

Railway applications - Electric equipment for rolling stock - Part 2: - Electrotechnical components - General rules

Keel: en

Alusdokumendid: IEC 60077-2:1999; EN 60077-2:2002

Asendatud järgmise dokumendiga: EVS-EN 60077-2:2017

Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2346-005:2014

Aerospace series - Cable, electrical, fire resistant - Operating temperatures between - 65 °C and 260 °C - Part 005: DW family, single UV laser printable and multicore assembly - Light weight - Product standard

Keel: en

Alusdokumendid: EN 2346-005:2013

Asendatud järgmise dokumendiga: EVS-EN 2346-005:2017

Standardi staatus: Kehtetu

EVS-EN 2997-006:2006

Lennunduse ja kosmonautika seeria. Pistikühendused, elektrilised, ümmargused, ühendatud keermestatud rõngaga, tulekindlad või mittetulekindlad, töötemperatuurid 175 °C pidevalt, 200 °C pidevalt, 260 °C tippväärtusega. Osa 6: Hermeetiline isefikseeruva mutriga paigaldatav pistikupesa. Tootestandard

Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 006: Hermetic jamnut mounted receptacle - Product standard

Keel: en
Alusdokumendid: EN 2997-006:2006
Asendatud järgmise dokumendiga: EVS-EN 2997-006:2017
Standardi staatus: Kehtetu

EVS-EN 4674-004:2015

Aerospace series - Electrical cables, installation - Self-wrapping shielding (EMI) protective sleeve - Part 004: Open sleeve - Outside pressurized area - EMI protection 10 kA - Temperature range – 65 °C to 200 °C - Product standard

Keel: en
Alusdokumendid: EN 4674-004:2015
Asendatud järgmise dokumendiga: EVS-EN 4674-004:2017
Standardi staatus: Kehtetu

EVS-EN 6049-008:2013

Aerospace series - Electrical cables, installation - Protective sleeves in meta-aramid fibres - Part 008: Self-wrapping shielded (EMI) protective sleeve with nickel copper braid, flexible post installation operating temperature from -55 °C to 200 °C - Product standard

Keel: en
Alusdokumendid: EN 6049-008:2013
Asendatud järgmise dokumendiga: EVS-EN 6049-008:2017
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 60286-1:2003

Packaging of components for automatic handling - Part 1: Tape packaging of components with axial leads on continuous tapes

Keel: en
Alusdokumendid: IEC 60286-1:1997; EN 60286-1:1998
Asendatud järgmise dokumendiga: EVS-EN 60286-1:2017
Standardi staatus: Kehtetu

65 PÖLLUMAJANDUS

EVS-EN 13368-2:2012

Väetised. Väetistes olevate kelaadimoodustajate kromatograafiline määramine. Osa 2: o,o-EDDHA ja o,o-EDDHMA abil kelaaditud raua määramine ioonvahetuskromatograafiaga
Fertilizers - Determination of chelating agents in fertilizers by chromatography - Part 2: Determination of Fe chelated by o,o-EDDHA, o,o-EDDHMA and HBED by ion pair chromatography

Keel: en
Alusdokumendid: EN 13368-2:2012
Asendatud järgmise dokumendiga: EVS-EN 13368-2:2017
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-ISO 12917-1:2006

Toornafta ja vedelad naftatooted. Horisontaalsete silindriliste mahutite kalibreerimine. Osa 1: Käitsi mõõtemetodid (ISO 12917-1:2002)
Petroleum and liquid petroleum products — Calibration of horizontal cylindrical tanks — Part 1: Manual methods (ISO 12917-1:2002)

Keel: en, et
Alusdokumendid: ISO 12917-1:2002; ISO 12917-1:2002/Cor 1:2009
Asendatud järgmise dokumendiga: EVS-ISO 12917-1:2017
Parandatud järgmise dokumendiga: EVS-ISO 12917-1:2006/AC:2010
Standardi staatus: Kehtetu

EVS-ISO 12917-1:2006/AC:2010

Toornafta ja vedelad naftatooted. Horisontaalsete silindriliste mahutite kalibreerimine. Osa 1: Käsitsi mõõtemetodid Petroleum and liquid petroleum products - Calibration of horizontal cylindrical tanks -- Part 1: Manual methods

Keel: en, et
Alusdokumendid: ISO 12917-1:2002/Cor 1:2009
Asendatud järgmise dokumendiga: EVS-ISO 12917-1:2017
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10263-4:2001

Steel rod, bars and wire for cold heading and cold extrusion - Part 4: Technical delivery conditions for steels for quenching and tempering

Keel: en
Alusdokumendid: EN 10263-4:2001+AC:2002
Asendatud järgmise dokumendiga: EVS-EN 10263-4:2017
Parandatud järgmise dokumendiga: EVS-EN 10263-4:2001/AC:2013
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 12781:2001

Wallcoverings - Specification for cork panels

Keel: en
Alusdokumendid: EN 12781:2001
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 899-1:2004

Plastics - Determination of creep behaviour - Part 1: Tensile creep

Keel: en
Alusdokumendid: ISO 899-1:2003; EN ISO 899-1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 899-1:2017
Muudetud järgmise dokumendiga: EVS-EN ISO 899-1:2004/A1:2015
Standardi staatus: Kehtetu

EVS-EN ISO 899-1:2004/A1:2015

Plastics - Determination of creep behaviour - Part 1: Tensile creep - Amendment 1 (ISO 899-1:2003/Amd 1:2015)

Keel: en
Alusdokumendid: ISO 899-1:2003/Amd 1:2015; EN ISO 899-1:2003/A1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 899-1:2017
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

CEN/TR 115-3:2009

Safety of escalators and moving walks - Part 3: Correlation between EN 115:1995 and its amendments and EN 115-1:2008

Keel: en
Alusdokumendid: CEN/TR 115-3:2009
Asendatud järgmise dokumendiga: CEN/TR 115-3:2017
Standardi staatus: Kehtetu

EVS-EN 12781:2001

Wallcoverings - Specification for cork panels

Keel: en
Alusdokumendid: EN 12781:2001
Standardi staatus: Kehtetu

EVS-EN 1451-1:2000

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

Keel: en
Alusdokumendid: EN 1451-1:1998
Asendatud järgmise dokumendiga: EVS-EN 1451-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 8394-2:2010

Building construction - Jointing products - Part 2: Determination of extrudability of sealants using standardized apparatus

Keel: en
Alusdokumendid: ISO 8394-2:2010; EN ISO 8394-2:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 8394-2:2017
Parandatud järgmise dokumendiga: EVS-EN ISO 8394-2:2010/AC:2011
Standardi staatus: Kehtetu

EVS-EN ISO 8394-2:2010/AC:2011

Building construction - Jointing products - Part 2: Determination of extrudability of sealants using standardized apparatus (ISO 8394-2:2010)

Keel: en
Alusdokumendid: ISO 8394-2:2010; EN ISO 8394-2:2010/AC:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 8394-2:2017
Standardi staatus: Kehtetu

93 RAJATISED

CEN ISO/TS 22476-10:2005

Geotechnical investigation and testing - Field testing - Part 10: Weight sounding test

Keel: en
Alusdokumendid: ISO/TS 22476-10:2005; CEN ISO/TS 22476-10:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 22476-10:2017
Standardi staatus: Kehtetu

EVS-EN 12697-13:2001

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 13: Temperatuuri mõõtmine Bituminous mixtures - Test methods for hot mix asphalt - Part 13: Temperature measurement

Keel: en, et
Alusdokumendid: EN 12697-13:2000 + AC:2001
Asendatud järgmise dokumendiga: EVS-EN 12697-13:2017
Standardi staatus: Kehtetu

EVS-EN 12697-23:2003

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 23: Asfaltsegust proovikehade kaudse tõmbetugevuse määramine Bituminous mixtures - Test methods for hot mix asphalt - Part 23: Determination of the indirect tensile strength of bituminous specimens

Keel: en, et
Alusdokumendid: EN 12697-23:2003
Asendatud järgmise dokumendiga: EVS-EN 12697-23:2017
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 527-3:2003

Büroomööbel. Töölaud ja puldid. Osa 3: Katsemeetodid püstivuse ja konstruktsiooni mehaanilise tugevuse määramiseks Office furniture - Work tables and desks - Part 3: Methods of test for the determination of the stability and the mechanical strength of the structure

Keel: en
Alusdokumendid: EN 527-3:2003
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 huvitatuil võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

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

Iga arvamusküsitlusel oleva kavandi kohta on esitatud järgnev 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 kommenteerimisportaal:

<https://www.evs.ee/kommenteerimisportaal/>

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

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

prEN 31010:2017

Risk management - Risk assessment techniques

This International Standard provides guidance on the selection and application of techniques for assessing risk in a wide range of contexts. The techniques are used to assist in making decisions where there is uncertainty, to provide information about particular risks and as part of a process for managing risk. The document provides summaries of a range of techniques, with references to other documents where the techniques are described in more detail.

Keel: en

Alusdokumendid: IEC/ISO 31010:201X; prEN 31010:2017

Asendab dokumenti: EVS-EN 31010:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEVS-ISO 37001

Altkäemaksuvastased juhtimissüsteemid. Nõuded koos rakendamisjuhistega

Anti-bribery management systems - Requirements with guidance for use

Käesolev dokument täpsustab nõudeid ja juhendab altkäemaksuvastase juhtimissüsteemi välja töötamiseks, rakendamiseks, toimivana hoidmiseks, läbivaatamiseks ja parendamiseks. Süsteem võib olla eraldiseisev või integreeritud üldisesse juhtimissüsteemi. Käesolevas dokumendis käsitletakse organisatsiooni tegevust järgmistes aspektides: -alkäemaks avalikes, era- ja mittetulundussektorites; -alkäemaks organisatsiooni töötajate poolt, kes tegutsevad organisatsiooni nimel või selle kasuks; -alkäemaks organisatsiooni äripartnerite poolt, kes tegutsevad organisatsiooni nimel või selle kasuks; -organisatsioonile antav altkäemaks; -organisatsiooni töötajatele antav altkäemaks seoses organisatsiooni tegevusega; -organisatsiooni äripartneritele antav altkäemaks seoses organisatsiooni tegevusega; -otsene ja kaudne altkäemaks (nt altkäemaks, mida pakutakse või aktsepteeritakse kolmanda isiku kaudu või kolmanda isiku poolt). See dokument kehtib ainult altkäemaksu kohta. See esitab nõuded ja annab juhised juhtimissüsteemi osas, mille eesmärk on aidata organisatsioonil altkäemaksu ennetada, tuvastada ja juhtumitele reageerida ning olla vastavuses altkäemaksuvastaste seaduste ja vabatahtlike kohustuste võtmisega nende tegevuste suhtes. Käesolev dokument ei käsitle konkreetset pettusi, kartelle ja muid konkurentsivastaseid rikkumisi, rahapesu või muid tegevusi, mis on seotud korruptiivsete tegevustega, kuigi organisatsioon võib valida juhtimissüsteemi käsitlusala laiendamise, et hõlmata selliseid tegevusi. Käesoleva dokumendi nõuded on üldised ja mõeldud kasutamiseks kõikidele organisatsioonidele (või organisatsiooni osadele) olenemata tegevuse tüübist, suuruselt ja olemusest ning sellest, kas tegemist on avaliku, era- või mittetulundussektoriga. Nende nõuete kohaldamisala sõltub punktides 4.1, 4.2 ja 4.5 määratletud teguritest.

Keel: en

Alusdokumendid: ISO 37001:2016

Arvamusküsitluse lõppkuupäev: 01.02.2018

EN 13060:2014/prA1:2017

Väikesemahulised aurusterilisaatorid Small steam sterilizers

This European Standard specifies the performance requirements and test methods for small steam sterilizers and sterilization cycles which are used for medical purposes or for materials that are likely to come into contact with blood or body fluids. This European Standard applies to automatically controlled small steam sterilizers that generate steam using electrical heaters or use steam that is generated by a system external to the sterilizer. This European Standard applies to small steam sterilizers used primarily for the sterilization of medical devices with a chamber volume of less than 60 l and unable to accommodate a sterilization module (300 mm × 300 mm × 600 mm). The requirements concerning the quality management and risk management are addressed by other standards (e.g. EN ISO 13485, EN ISO 14971). This European Standard does not apply to small steam sterilizers that are used to sterilize liquids or pharmaceutical products. This European Standard does not specify safety requirements related to risks associated with the zone in which the sterilizer is used (e.g. flammable gases). This European Standard does not specify requirements for the validation and routine control of sterilization by moist heat. NOTE Requirements for the validation and routine control of sterilization by moist heat are given in EN ISO 17665 1. This European Standard does not specify requirements for other sterilization processes that also employ moist heat as part of the process (i.e. formaldehyde, ethylene oxide).

Keel: en

Alusdokumendid: EN 13060:2014/prA1:2017

Muudab dokumenti: EVS-EN 13060:2015

Arvamusküsitluse lõppkuupäev: 01.02.2018

EN ISO 11070:2014/prA1

Sterile single-use intravascular introducers, dilators and guidewires - Amendment 1 (ISO 11070:2014/DAM 1:2017)

Amendment for EN ISO 11070:2014

Keel: en

Alusdokumendid: ISO 11070:2014/DAMd 1; EN ISO 11070:2014/prA1

Muudab dokumenti: EVS-EN ISO 11070:2014

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 61223-3-5:2017

Evaluation and routine testing in medical imaging departments - Part 3-5: Acceptance tests - Imaging performance of computed tomography X-ray equipment

This standard applies to CT SCANNERS that conform to IEC60601-2-44 Ed. 3.1 (2012) or later. The section of the ACCOMPANYING DOCUMENTS that pertain to ACCEPTANCE and CONSTANCY TESTING shall state the edition of IEC 60601-2-44 that the system has been designed and conforms to. These standards – define the essential parameters which describe the performance of CT SCANNERS with regard to image quality, RADIATION OUTPUT and patient positioning; the list of parameters to be tested can be found in section 4.3. – define the methods of testing the essential parameters; – evaluate compliance with the tolerances of the parameters specified by the ACCOMPANYING DOCUMENTS. These methods rely on non-invasive measurements, using appropriate test equipment, performed during or after installation. Signed statements covering steps in the installation procedure may be used as part of the ACCEPTANCE TEST report. This standard applies to ACCEPTANCE TESTS and CONSTANCY TESTS on a CT SCANNER. The aim of the ACCEPTANCE TESTS are to verify compliance of the installation or MAJOR SERVICE ACTION with specifications affecting the image quality, RADIATION OUTPUT and PATIENT positioning. The CONSTANCY TESTS are performed to ensure that the functional performance of EQUIPMENT meets ESTABLISHED CRITERIA and to enable the early recognition of changes in the properties of components of the EQUIPMENT, and to verify compliance with specifications affecting the image quality, RADIATION OUTPUT and PATIENT positioning. This standard also contains requirements associated with ACCEPTANCE and CONSTANCY TESTING for the ACCOMPANYING DOCUMENTS of the CT SCANNER.

Keel: en

Alusdokumendid: IEC 61223-3-5:201X; prEN 61223-3-5:2017

Asendab dokumenti: EVS-EN 61223-3-5:2004

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 81-40

Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility

1.1 This European Standard deals with safety requirements for construction, manufacturing, installation, maintenance and dismantling of electrically operated stairlifts (chair, standing platform and wheelchair platform) affixed to a building structure, moving in an inclined plane and intended for use by persons with impaired mobility: - travelling over a stair or an accessible inclined surface; - intended for use by one person; - whose carriage is directly retained and guided by a guide rail or rails; - supported or sustained by rope (5.4.4), rack and pinion (5.4.5), chain (5.4.6), friction traction drive (5.4.7), and guided rope and ball (5.4.8). 1.2 The standard identifies hazards as listed in Clause 4 which arise during the various phases in the life of such equipment and describes methods for the elimination or reduction of these hazards when used as intended by the manufacturer. 1.3 This European standard does not specify the additional requirements for: - operation in severe conditions (e.g. extreme

climates, strong magnetic fields); - operation subject to special rules (e.g. potentially explosive atmospheres); - handling of materials the nature of which could lead to dangerous situations; - use of energy systems other than electricity; - hazards occurring during manufacture; - earthquakes, flooding, fire; - evacuation during a fire; - stairlifts for goods only; - concrete, hardcore, timber or other foundation or building arrangement; - design of anchorage bolts to the supporting structure. NOTE For the actual type of machinery, noise is not considered a significant nor relevant hazard. 1.4 This document is not applicable to power operated stairlifts which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: prEN 81-40

Asendab dokumenti: EVS-EN 81-40:2008

Arvamusküsitluse lõppkuupäev: 01.02.2018

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 19353:2016/prA1

Masinate ohutus. Tulekahjude vältimine ja tulekaitse

Safety of machinery - Fire prevention and fire protection - Amendment 1 (ISO 19353:2016/DAmD 1:2017)

Muudatus standardile EN ISO 19353:2016

Keel: en

Alusdokumendid: ISO 19353:2015/DAmD 1; EN ISO 19353:2016/prA1

Muudab dokumenti: EVS-EN ISO 19353:2016

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 1127-1

Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology

This European Standard specifies methods for the identification and assessment of hazardous situations leading to explosion and the design and construction measures appropriate for the required safety. This is achieved by: - risk assessment; - risk reduction. The safety of equipment, protective systems and components can be achieved by eliminating hazards and/or limiting the risk, i.e. by: a) appropriate design (without using safeguarding); b) safeguarding; c) information for use; d) any other preventive measures. Measures in accordance with a) (prevention) and b) (protection) against explosions are dealt with in Clause 6, measures according to c) against explosions are dealt with in Clause 7. Measures in accordance with d) are not specified in this European Standard. They are dealt with in EN ISO 12100:2010, Clause 6. The preventive and protective measures described in this European Standard will not provide the required level of safety unless the equipment, protective systems and components are operated within their intended use and are installed and maintained according to the relevant codes of practice or requirements. This standard specifies general design and construction methods to help designers and manufacturers in achieving explosion safety in the design of equipment, protective systems and components. This European Standard is applicable to any equipment, protective systems and components intended to be used in potentially explosive atmospheres, under atmospheric conditions. These atmospheres can arise from flammable materials processed, used or released by the equipment, protective systems and components or from materials in the vicinity of the equipment, protective systems and components and/or from the materials of construction of the equipment, protective systems and components. This European Standard is applicable to equipment, protective systems and components at all stages of its use. This European Standard is only applicable to equipment group II which is intended for use in other places than underground parts of mines and those parts of surface installations of such mines endangered by firedamp and/or flammable dust. This European Standard is not applicable to: 1) medical devices intended for use in a medical environment; 2) equipment, protective systems and components where the explosion hazard results exclusively from the presence of explosive substances or unstable chemical substances; 3) equipment, protective systems and components where the explosion can occur by reaction of substances with other oxidizers than atmospheric oxygen or by other hazardous reactions or by other than atmospheric conditions; 4) equipment intended for use in domestic and non-commercial environments where potentially explosive atmospheres may only rarely be created, solely as a result of the accidental leakage of fuel gas; 5) personal protective equipment covered by Directive 89/686/EEC; 6) seagoing vessels and mobile offshore units together with equipment on board such vessels or units; 7) means of transport, i.e. vehicles and their trailers intended solely for transporting passengers by air or by road, rail or water networks, as well as means of transport insofar as such means are designed for transporting goods by air, by public road or rail networks or by water; vehicles intended for use in a potentially explosive atmosphere shall not be excluded; 8) the design and construction of systems containing desired, controlled combustion processes, unless they can act as ignition sources in potentially explosive atmospheres.

Keel: en

Alusdokumendid: prEN 1127-1

Asendab dokumenti: EVS-EN 1127-1:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 12941

Respiratory protective devices - Powered filtering devices incorporating a loose fitting respiratory interface - Requirements, testing, marking

This document specifies minimum requirements for powered filtering Respiratory Protective Devices (RPD) incorporating a loose fitting respiratory interface (RI). It does not cover devices designed for use in circumstances where there is or might be an oxygen deficiency. Escape RPD and filters for use against CO are not covered by this document. Laboratory and practical performance tests are included for the assessment of compliance with the requirements.

Keel: en

Alusdokumendid: prEN 12941

Asendab dokumenti: EVS-EN 12941:1999

Arvamusküsitluse lõppkuupäev: 01.01.2018

prEN 12942

Respiratory protective devices - Powered filtering devices incorporating full face masks, half masks or quarter masks - Requirements, testing, marking

This document specifies minimum requirements for powered Respiratory Protective devices (RPD) which incorporate a full face mask, half mask or a quarter mask together with gas, particle or combined filter(s). It does not cover devices designed for use in circumstances where there is or might be an oxygen deficiency. Escape RPD and filters for use against CO are not covered by this document. Laboratory tests and practical performance tests are included for the assessment of compliance with the requirements.

Keel: en

Alusdokumendid: prEN 12942

Asendab dokumenti: EVS-EN 12942:1999

Arvamusküsitluse lõppkuupäev: 01.01.2018

prEN 14702-3

Characterization and management of sludge - Determination of settling properties - Part 3: Determination of zone settling velocity (ZSV)

This draft European Standard specifies a method for determining the zone settling velocity (ZSV) and the Compression point. This draft European standard is applicable to sludge and sludge suspensions from: - storm water handling; - urban wastewater collecting systems; - urban wastewater treatment plants; - plants treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271/EEC); - water supply treatment plants. This method is also applicable to sludge and sludge suspensions of other origins.

Keel: en

Alusdokumendid: prEN 14702-3

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 17183

Evaluation of sludge density

This draft European Standard specifies a method for the determination of the sludge (bulk) density. The procedure to determine density of the liquid and of the solid fractions of a suspension is described in Annex C. This document is applicable to sludge suspensions from: - storm water handling; - urban wastewater collecting systems; - urban wastewater treatment plants; - treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271 EEC); - water supply treatment plants. This method is also applicable to sludge suspensions from other origin, provided the necessary verifications are done.

Keel: en

Alusdokumendid: prEN 17183

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 14064-3

Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements (ISO/DIS 14064-3:2017)

ISO 14064-3 specifies principles, requirements, and guidance for providing verification and validation on GHG statements to intended users. It can be applied to organization, project, and product GHG statements. ISO 14064-3 is GHG programme neutral. If a GHG programme is applicable, requirements of that GHG programme are additional to the requirements of ISO 14064-3.

Keel: en

Alusdokumendid: ISO/DIS 14064-3; prEN ISO 14064-3

Asendab dokumenti: EVS-EN ISO 14064-3:2012

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 5815-1

Water quality - Determination of biochemical oxygen demand after n days (BOD_n) - Part 1: Dilution and seeding method with allylthiourea addition (ISO/DIS 5815-1:2017)

This part of ISO 5815 specifies the determination of the biochemical oxygen demand of waters by dilution and seeding with suppression of nitrification after 5 d incubation time. This part of ISO 5815 is applicable to all waters having biochemical oxygen demands usually between 3 mg/l and 6 000 mg/l. It applies particularly to waste waters. For biochemical oxygen demands greater than 6 000 mg/l of oxygen, the method is still applicable, but the errors caused by the necessary dilutions can influence the analytical quality of the test method. Then the results are to be interpreted with circumspection. The results obtained are the product of a combination of biochemical and chemical reactions with participation by living matter which behaves only with occasional reproducibility. They do not have the rigorous and unambiguous character of those resulting from, for example, a single, well-defined, chemical process. Nevertheless, they provide an indication from which the quality of waters can be estimated.

Keel: en

Alusdokumendid: ISO/DIS 5815-1; prEN ISO 5815-1

Arvamusküsitluse lõppkuupäev: 01.02.2018

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

prEN 12102-2

Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 2: Heat pump water heaters

This European Standard specifies methods for testing the sound power level for water heating energy efficiency of air/water, brine/water, water/water and direct exchange/water heat pump water heaters and heat pump combination heaters with electrically driven compressors and connected to or including a domestic hot water storage tank for domestic hot water production. This European Standard comprises only the testing procedure for the domestic hot water production of the heat pump system. NOTE 1 Testing procedures for simultaneous operation for domestic hot water production and space heating are not treated in this standard. Simultaneous means that domestic hot water production and space heating generation occur at the same time and may interact. NOTE 2 For space heating functions, the requirements are given in EN 12102-1. This European Standard only applies to water heaters which are supplied in a package of heat pump and storage tank. In the case of water heaters consisting of several parts with refrigerant connections, this European Standard applies only to those designed and supplied as a complete package. This European Standard does not specify requirements of the quality of the used water

Keel: en

Alusdokumendid: prEN 12102-2

Arvamusküsitluse lõppkuupäev: 01.01.2018

prEN ISO 5459

Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems (ISO/DIS 5459:2016)

This document specifies terminology, rules and methodology for the indication and understanding of datums and datum systems in technical product documentation. This document also provides explanations to assist the user in understanding the concepts involved. This document defines the specification operator (see ISO 17450- 2) used to establish a datum or a datum system. The verification operator (see ISO 17450- 2) can take different forms (physically or mathematically) and is not the subject of this document. NOTE The detailed rules for maximum and least material requirements for datums are given in ISO 2692.

Keel: en

Alusdokumendid: prEN ISO 5459; ISO/DIS 5459:2017

Asendab dokumenti: EVS-EN ISO 5459:2011

Arvamusküsitluse lõppkuupäev: 01.01.2018

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 13445-2:2014/prA6

Leekkuumutusega surveanumad. Osa 2: Materjalid

Unfired pressure vessels - Part 2: Materials

This Part of this European Standard specifies the requirements for materials (including clad materials) for unfired pressure vessels and supports which are covered by EN 13445-1:2014 and manufactured from metallic materials; it is currently limited to steels with sufficient ductility but it is, for components operating in the creep range, also limited to sufficiently creep ductile materials . It specifies the requirements for the selection, inspection, testing and marking of metallic materials for the fabrication of unfired pressure vessels.

Keel: en

Alusdokumendid: EN 13445-2:2014/prA6

Muudab dokumenti: EVS-EN 13445-2:2014

Muudab dokumenti: EVS-EN 13445-2:2016

Muudab dokumenti: EVS-EN 13445-2:2016+A1:2016

Arvamusküsitluse lõppkuupäev: 01.02.2018

EN 13445-3:2014/prA8

Leekkuumutusega surveanumad. Osa 3: Kavandamine

Unfired pressure vessels - Part 3: Design

Revision of clause 16, 22 and annex W

Keel: en

Alusdokumendid: EN 13445-3:2014/prA8

Muudab dokumenti: EVS-EN 13445-3:2016

Muudab dokumenti: EVS-EN 13445-3:2016+A2:2016

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 14728**Imperfections in thermoplastic welds - Classification**

This draft European Standard specifies a system for classifying imperfections that may be encountered in thermoplastic welded joints during manufacture and provides examples of imperfections for the following welding processes - heated tool butt welding; - heated tool socket welding; - electrofusion socket welding; - hot gas welding; - extrusion welding; - solvent socket welding. This document does not describe imperfections that may be generated either during service or present before welding such as poor fit up. The correct preparation (e.g. fit up) is described in the relevant welding procedure specification (WPS). This document is also not concerned with the search for the possible influence of these imperfections on the behaviour of joints in relation to the different types of stress to which the latter may be subjected or on methods for preventing such imperfections. This document cannot therefore be used to determine the acceptance of welds, which is defined in EN 16296 [1]. Only imperfections giving rise to discontinuities of materials or changes in shape are taken into consideration in this document, specifying their type, their shape and their positions. This classification can be used to determine the possible origin or causes of the imperfections.

Keel: en

Alusdokumendid: prEN 14728

Asendab dokumenti: EVS-EN 14728:2005

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO/ASTM 52911-1**Additive manufacturing - Technical Design Guideline for Powder Bed Fusion - Part 2: Laser-based Powder Bed Fusion of Polymers (ISO/ASTM DIS 52911-2:2017)**

This standard aims to give design and production engineers a working basis which enables them to have informed consideration about the use of Laser-based Powder Bed Fusion of Metals. This standard describes the features of Laser-based Powder Bed Fusion of Metals and provides detailed design recommendations. Some of the fundamental principles can also be applied to other AM processes, provided that due considerations are given to the process-specific features. The purpose of this standard is to help practitioners explore the benefits of Laser-based Powder Bed Fusion of Metals and recognising the process-related limitations when designing parts. The document also provides a state of the art review of design guidelines associated with the use of Powder Bed Fusion by bringing together relevant knowledge about this process and to extend the scope of ISO/ASTM 52910 "Standard Guide for Design for Additive Manufacturing.

Keel: en

Alusdokumendid: ISO/ASTM DIS 52911-1; prEN ISO/ASTM 52911-1

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO/ASTM 52911-2**Additive manufacturing - Technical Design Guideline for Powder Bed Fusion - Part 2: Laser-based Powder Bed Fusion of Polymers (ISO/ASTM DIS 52911-2:2017)**

This standard aims to give design and production engineers a working basis which enables them to have informed consideration about the use of Laser-based Powder Bed Fusion of Polymers. This standard describes the features of Laser-based Powder Bed Fusion of Polymers and provides detailed design recommendations. Some of the fundamental principles can also be applied to other AM processes, provided that due considerations are given to the process-specific features. The purpose of this standard is to help practitioners explore the benefits of Laser-based Powder Bed Fusion of Polymers and recognising the process-related limitations when designing parts. The document also provides a state of the art review of design guidelines associated with the use of Powder Bed Fusion by bringing together relevant knowledge about this process and to extend the scope of ISO/ASTM 52910 "Standard Practice/Guide for Design for Additive Manufacturing.

Keel: en

Alusdokumendid: ISO/ASTM DIS 52911-2; prEN ISO/ASTM 52911-2

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 55012:2017**Vehicles, boats and devices with internal combustion engines or traction batteries - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers**

The limits in this International Standard are designed to provide protection for off-board receivers in the frequency range of 30 MHz to 1 000 MHz when used in the residential environment. Compliance with this standard may not provide adequate protection for new types of radio transmissions or receivers used in the residential environment nearer than 10 m to the vehicle, boat or device. Note 1: Experience has shown that compliance with this standard may provide satisfactory protection for receivers of other types of transmissions when used in the residential environment, including radio transmissions in frequency ranges other than that specified. This standard applies to the emission of electromagnetic energy which may cause interference to radio reception and which is emitted from a) vehicles propelled by an internal combustion engine, electrical means or both (see 3.1); b) boats propelled by an internal combustion engine, electrical means or both (see 3.2). Boats are to be tested in the same manner as vehicles except where they have unique characteristics as explicitly stated in this standard; c) devices equipped with internal combustion engines (see 3.3). In the case of hybrid devices (e.g. equipped with both internal combustion engine and traction batteries) only the internal combustion mode is included in this standard. See Annex F for a flow chart to help determine the

applicability of CISPR 12. This standard does not apply to aircraft, household appliances, traction systems (railway, tramway and electric trolley bus), vehicle / boat / device off-board chargers or to incomplete vehicles. In the case of a dual-mode trolley bus (e.g. propelled by power from either a.c./d.c. mains or an internal combustion engine), the internal combustion propulsion system shall be included, but the a.c./d.c. mains portion of the vehicle propulsion system shall be excluded from this standard. Note 2: Protection of receivers used on board the same vehicle as the disturbance source(s) are covered by CISPR 25 The measurement of conducted electromagnetic disturbances while the vehicle is connected to power mains for charging is not covered in this standard. The user is referred to appropriate IEC and CISPR standards which define measurement techniques and limits for this condition. Note 3: see IEC 61851-21-1 Annex J lists work being considered for future revisions.

Keel: en

Alusdokumendid: CISPR 12:201X; prEN 55012:2017

Asendab dokumenti: EVS-EN 55012:2008

Asendab dokumenti: EVS-EN 55012:2008/A1:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

29 ELEKTROTEHNIKA

EN 60320-1:2015/prA1:2017

Appliance couplers for household and similar general purposes - Part 1: General requirements

Amendment for EN 60320-1:2015

Keel: en

Alusdokumendid: IEC 60320-1:2015/A1:201X; EN 60320-1:2015/prA1:2017

Muudab dokumenti: EVS-EN 60320-1:2015

Arvamusküsitluse lõppkuupäev: 01.02.2018

EN 60320-3:2014/prA1:2017

Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges

Amendment for EN 60320-3:2014

Keel: en

Alusdokumendid: IEC 60320-3:2014/A1:201X; EN 60320-3:2014/prA1:2017

Muudab dokumenti: EVS-EN 60320-3:2014

Arvamusküsitluse lõppkuupäev: 01.02.2018

FprEN 63024:2017/FprAA:2017

Requirements for automatic reclosing devices (ARDs) for circuit-breakers, RCBOs and RCCBs for household and similar uses

Common modification for FprEN 63024:2017

Keel: en

Alusdokumendid: FprEN 63024:2017/FprAA:2017

Muudab dokumenti: prEN 63024:2016

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 60969:2017

Sisseehitatud liiteseadisega luminofoor-üldtarbelambid. Toimivusnõuded Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements

IEC 60969:2016 specifies performance requirements together with test methods and conditions required to show compliance of self-ballasted compact fluorescent lamps intended for general lighting services. This second edition cancels and replaces the first edition published in 1988, Amendment 1:1991 and Amendment 2:2000. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) title change; b) scope is now limited to compact fluorescent lamps, but expanded to cover all lamps of voltages greater than 50 V and all power ratings; c) introduction of requirements for lamp equivalency claims, switching withstand, starting time; d) low temperature, run up time, treatment of claims for different operating conditions; e) enhanced assessment and compliance criteria especially for lifetime; f) introduction in-rush test conditions and displacement factor. The contents of the corrigendum of January 2017 have been included in this copy.

Keel: en

Alusdokumendid: prEN 60969:2017; IEC 60969:2016/COR1:2017; IEC 60969:2016

Asendab dokumenti: EVS-EN 60969:2006

Asendab dokumenti: EVS-EN 60969:2006/A1:2007

Asendab dokumenti: EVS-EN 60969:2006/A2:2008

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 62660-1:2017

Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 1: Performance testing

This part of IEC 62660 specifies performance and life testing of secondary lithium-ion cells used for propulsion of electric vehicles including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). NOTE 1 Secondary lithium-ion cell used for propulsion of plug-in hybrid electric vehicle (PHEV) can be tested by the procedure either for BEV application or HEV application, according to the battery system design, based on the agreement between the manufacturer and the customer. The objective of this document is to specify the test procedures to obtain the essential characteristics of lithium-ion cells for vehicle propulsion applications regarding capacity, power density, energy density, storage life and cycle life. This document provides the standard test procedures and conditions for testing basic performance characteristics of lithium-ion cells for vehicle propulsion applications, which are indispensable for securing a basic level of performance and obtaining essential data on cells for various designs of battery systems and battery packs. NOTE 2 Based on the agreement between the manufacturer and the customer, specific test conditions can be selected in addition to the conditions specified in this document. Selective test conditions are described in Annex A. NOTE 3 The performance tests for the electrically connected lithium-ion cells can be performed with reference to this document. NOTE 4 The test specification for lithium-ion battery packs and systems is defined in ISO 12405-4 (under preparation).

Keel: en

Alusdokumendid: IEC 62660-1:201X; prEN 62660-1:2017

Asendab dokumenti: EVS-EN 62660-1:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 62660-2:2017

Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing

This part of IEC 62660 specifies test procedures to observe the reliability and abuse behavior of secondary lithium-ion cells and cell blocks used for propulsion of electric vehicles including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). NOTE 1 Secondary lithium-ion cell used for propulsion of plug-in hybrid electric vehicle (PHEV) can be tested by the procedure either for BEV application or HEV application, according to the battery system design, based on the agreement between the manufacturer and the customer. The objective of this document is to specify the standard test procedures and conditions for basic characteristics of lithium-ion cells for use in propulsion of battery and hybrid electric vehicles. The tests are indispensable for obtaining essential data on reliability and abuse behavior of lithium-ion cells for use in various designs of battery systems and battery packs. This document provides standard classification of description of test results to be used for the design of battery systems or battery packs. NOTE 2 Cell blocks can be used as an alternative to cells according to the agreement between the manufacturer and the customer. NOTE 3 The safety requirements of lithium-ion cells for electric vehicle application are defined in IEC 62660-3

Keel: en

Alusdokumendid: IEC 62660-2:201X; prEN 62660-2:2017

Asendab dokumenti: EVS-EN 62660-2:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

31 ELEKTROONIKA

EN 60603-7:2009/prA2:2017

Elektroonikaseadmete liitmikud. Osa 7: 8-pooluseliste vabade ja kohtkindlate liitmike osade spetsifikatsioon

Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors

Amendment for EN 60603-7:2009

Keel: en

Alusdokumendid: IEC 60603-7:2008/A2:201X; EN 60603-7:2009/prA2:2017

Muudab dokumenti: EVS-EN 60603-7:2009

Arvamusküsitluse lõppkuupäev: 01.02.2018

EN 61076-1:2006/prA1:2017

Connectors for electronic equipment - Product requirements - Part 1: Generic specification

Amendment for EN 61076-1:2006

Keel: en

Alusdokumendid: IEC 61076-1:2006/A1:201X; EN 61076-1:2006/prA1:2017

Muudab dokumenti: EVS-EN 61076-1:2006

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 61076-2-114:2017

Connectors for electronic equipment - Product requirements - Part 2-114: Circular connectors - Detail specification for data and power connectors with M8 screw-locking

This part of IEC 61076 describes circular connectors with M8 screw locking typically used for data and power transmissions in industrial applications. These connectors consist of fixed and free connectors either rewirable or non-rewirable, with M8 screw-locking. Male connectors have round contacts $\varnothing 0,8\text{mm}$ for D-coded, and $\varnothing 1\text{mm}$ for P-coded connectors. The coding provided by this standard prevent the mating of accordingly coded male or female connectors to any other similarly sized interfaces covered by other standards. NOTE M8 is the dimension of the thread of the screw-locking mechanism of these circular connectors.

Keel: en
Alusdokumendid: IEC 61076-2-114:201X; prEN 61076-2-114:2017
Arvamusküsitluse lõppkuupäev: 01.02.2018

33 SIDETEHNIKA

FprEN 50173-1

Information technology - Generic cabling systems - Part 1: General requirements

This European Standard specifies: a) the structure and configuration of the backbone cabling subsystems of generic cabling systems within the types of premises and/or spaces defined by the other standards in the EN 50173 series; b) channel transmission and environmental performance requirements in support of the standards in the EN 50173 series (which have taken into account requirements specified in application standards listed in Annex F); c) link performance requirements in support of the standards in the EN 50173 series; d) backbone cabling reference implementations in support of the standards in the EN 50173 series; e) component performance requirements in support of the standards in the EN 50173 series; f) test procedures to verify conformance to the cabling transmission performance requirements of the standards in the EN 50173 series. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this European Standard and are covered by other standards and regulations. However, information given in this European Standard can be of assistance in meeting these standards and regulations.

Keel: en
Alusdokumendid: FprEN 50173-1
Asendab dokumenti: EVS-EN 50173-1:2011
Arvamusküsitluse lõppkuupäev: 01.02.2018

FprEN 50173-2

Information technology - Generic cabling systems - Part 2: Office spaces

This standard specifies generic cabling within and between the buildings of office premises, or office spaces within other types of building. It covers balanced cabling and optical fibre cabling. This standard specifies directly or via reference to EN 50173-1 the: - structure and minimum configuration for generic cabling within office spaces; - interfaces at the telecommunications outlet (TO); - performance requirements for cabling links and channels; - implementation requirements and options; - performance requirements for cabling components; - conformance requirements and verification procedures. This standard has taken into account requirements specified in application standards listed in EN 50173-1. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this standard and are covered by other standards and regulations. However, information given in this standard can be of assistance in meeting these standards and regulations.

Keel: en
Alusdokumendid: FprEN 50173-2
Asendab dokumenti: EVS-EN 50173-2:2007
Asendab dokumenti: EVS-EN 50173-2:2007/A1:2010
Asendab dokumenti: EVS-EN 50173-2:2007/A1:2010/AC:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

FprEN 50173-4

Information technology - Generic cabling systems - Part 4: Homes

This standard specifies generic cabling for homes. A home can contain one or more buildings or can be within a building that contains more than one home. It covers balanced cabling, optical fibre cabling, and coaxial cabling. This standard specifies generic cabling for two groups of applications: - Information and Communications Technologies (ICT); - Broadcast and Communications Technologies (BCT). This standard specifies directly or via reference to EN 50173-1 the: - structure and minimum configuration for generic cabling within homes; - interfaces at the telecommunications outlet (TO) and broadcast outlet (BO); - performance requirements for cabling links and channels; - implementation requirements and options; - performance requirements for cabling components; - conformance requirements and verification procedures. This standard has taken into account requirements specified in application standards listed in EN 50173-1. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this standard and are covered by other standards and regulations. However, information given in this standard can be of assistance in meeting these standards and regulations.

Keel: en
Alusdokumendid: FprEN 50173-4
Asendab dokumenti: EVS-EN 50173-4:2007
Asendab dokumenti: EVS-EN 50173-4:2007/A1:2010
Asendab dokumenti: EVS-EN 50173-4:2007/A1:2010/AC:2011
Asendab dokumenti: EVS-EN 50173-4:2007/A2:2012

Arvamusküsitluse lõppkuupäev: 01.02.2018

FprEN 50173-5

Information technology - Generic cabling systems - Part 5: Data centre spaces

This standard specifies generic cabling within computer room spaces in data centre premises, or data centre spaces within other types of building. It covers balanced cabling and optical fibre cabling. This standard specifies directly or via reference to EN 50173-1 the: - structure and minimum configuration for generic cabling within data centre spaces; - interfaces at the external network interface (ENI) and equipment outlet (EO); - performance requirements for cabling links and channels; - implementation requirements and options; - performance requirements for cabling components; - conformance requirements and verification

procedures. This standard has taken into account requirements specified in application standards listed in EN 50173-1. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this standard and are covered by other standards and regulations. However, information given in this standard can be of assistance in meeting these standards and regulations.

Keel: en

Alusdokumendid: FprEN 50173-5

Asendab dokumenti: EVS-EN 50173-5:2007

Asendab dokumenti: EVS-EN 50173-5:2007/A1:2010

Asendab dokumenti: EVS-EN 50173-5:2007/A1:2010/AC:2011

Asendab dokumenti: EVS-EN 50173-5:2007/A2:2012

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 55012:2017

Vehicles, boats and devices with internal combustion engines or traction batteries - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers

The limits in this International Standard are designed to provide protection for off-board receivers in the frequency range of 30 MHz to 1 000 MHz when used in the residential environment. Compliance with this standard may not provide adequate protection for new types of radio transmissions or receivers used in the residential environment nearer than 10 m to the vehicle, boat or device. Note 1: Experience has shown that compliance with this standard may provide satisfactory protection for receivers of other types of transmissions when used in the residential environment, including radio transmissions in frequency ranges other than that specified. This standard applies to the emission of electromagnetic energy which may cause interference to radio reception and which is emitted from a) vehicles propelled by an internal combustion engine, electrical means or both (see 3.1); b) boats propelled by an internal combustion engine, electrical means or both (see 3.2). Boats are to be tested in the same manner as vehicles except where they have unique characteristics as explicitly stated in this standard; c) devices equipped with internal combustion engines (see 3.3). In the case of hybrid devices (e.g. equipped with both internal combustion engine and traction batteries) only the internal combustion mode is included in this standard. See Annex F for a flow chart to help determine the applicability of CISPR 12. This standard does not apply to aircraft, household appliances, traction systems (railway, tramway and electric trolley bus), vehicle / boat / device off-board chargers or to incomplete vehicles. In the case of a dual-mode trolley bus (e.g. propelled by power from either a.c./d.c. mains or an internal combustion engine), the internal combustion propulsion system shall be included, but the a.c./d.c. mains portion of the vehicle propulsion system shall be excluded from this standard. Note 2: Protection of receivers used on board the same vehicle as the disturbance source(s) are covered by CISPR 25 The measurement of conducted electromagnetic disturbances while the vehicle is connected to power mains for charging is not covered in this standard. The user is referred to appropriate IEC and CISPR standards which define measurement techniques and limits for this condition. Note 3: see IEC 61851-21-1 Annex J lists work being considered for future revisions.

Keel: en

Alusdokumendid: CISPR 12:201X; prEN 55012:2017

Asendab dokumenti: EVS-EN 55012:2008

Asendab dokumenti: EVS-EN 55012:2008/A1:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 55036:2017

Electric and hybrid road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz

The limits in this International Standard are designed to provide protection for off-board receivers in the frequency range of 150 kHz to 30 MHz when used in the residential environment. Compliance with this standard may not provide adequate protection for new types of radio transmissions or receivers used in the residential environment nearer than 10 m to the vehicle. Note 1: Compliance with this standard may provide satisfactory protection for receivers of other types of transmissions when used in the residential environment, including radio transmissions in frequency ranges other than that specified. This standard applies to the emission of electromagnetic energy which may cause interference to radio reception and which is emitted from: – vehicles propelled by an internal traction battery (see 3.1 and 3.4); Note 2: Protection of receivers used on board the same vehicle as the disturbance source(s) are covered by CISPR 25 [2] The measurement of conducted electromagnetic disturbances while the vehicle is connected to power mains for charging is not covered in this standard. The user is referred to appropriate IEC and CISPR standards which define measurement techniques and limits for this condition. Annex A lists work being considered for future revisions.

Keel: en

Alusdokumendid: CISPR 36:201X; prEN 55036:2017

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 60268-4:2017

Sound system equipment - Part 4: Microphones

This part of IEC 60268 specifies methods of measurement for the electrical impedance, sensitivity, directional response pattern, dynamic range and external influences of sound system microphones, and also details the characteristics to be specified by the manufacturer. It applies to sound system microphones for all applications for speech and music. It does not apply to measurement microphones, but it does apply to each audio channel of microphones having more than one channel, for example for stereo or similar use. It is also applicable to flush-mounted microphones and to the analogue characteristics of microphones with digital audio output. For the purposes of this International Standard, a microphone includes all such devices as transformers, pre-amplifiers, or other elements that form an integral part of the microphone, up to the output terminals specified by the manufacturer. The major characteristics of a microphone are considered in Clauses 6 to 21. Additional characteristics are considered in Annex A and Annex C. NOTE The characteristics specified in this standard do not describe the subjective response of the microphone.

Further work is necessary to find new definitions and measurement procedures for a later introduction of objective characteristics for at least some of the subjective descriptions used to describe microphone performance.

Keel: en

Alusdokumendid: IEC 60268-4:201X; prEN 60268-4:2017

Asendab dokumenti: EVS-EN 60268-4:2014

Arvamusküsitluse lõppkuupäev: 01.02.2018

35 INFOTEHNOLOOGIA

FprEN 50173-3

Information technology - Generic cabling systems - Part 3: Industrial spaces

This standard specifies generic cabling to serve the automation islands in industrial premises, or industrial spaces within other types of building. It covers balanced cabling and optical fibre cabling. This standard specifies directly or via reference to EN 50173-1 the: - structure and minimum configuration for generic cabling within industrial spaces; - interfaces at the telecommunications outlet (TO); - performance requirements for cabling links and channels; - implementation requirements and options; - performance requirements for cabling components; - conformance requirements and verification procedures. This standard has taken into account requirements specified in application standards listed in EN 50173-1. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this standard and are covered by other standards and regulations. However, information given in this standard can be of assistance in meeting these standards and regulations.

Keel: en

Alusdokumendid: FprEN 50173-3

Asendab dokumenti: EVS-EN 50173-3:2007

Asendab dokumenti: EVS-EN 50173-3:2007/A1:2010

Asendab dokumenti: EVS-EN 50173-3:2007/A1:2010/AC:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

FprEN 50173-6

Information technology - Generic cabling systems - Part 6: Distributed building services

This standard specifies generic cabling for distributed building services and can be used in conjunction with all the space-specific standards of the EN 50173 series. It covers balanced cabling and optical fibre cabling. This standard specifies directly or via reference to EN 50173 1 the: - structure and minimum configuration for generic cabling for distributed building services; - interfaces at the service outlet (SO); - performance requirements for cabling links and channels; - implementation requirements and options; - performance requirements for cabling components; - conformance requirements and verification procedures. This standard has taken into account requirements specified in application standards listed in EN 50173 1. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this standard and are covered by other standards and regulations. However, information given in this standard can be of assistance in meeting these standards and regulations.

Keel: en

Alusdokumendid: FprEN 50173-6

Asendab dokumenti: EVS-EN 50173-6:2013

Arvamusküsitluse lõppkuupäev: 01.02.2018

43 MAANTEESÕIDUKITE EHTUS

prEN 17186

Identification of vehicles and infrastructures compatibility - Graphical expression for consumer information on EV power supply

This European Standard lays down harmonized identifiers for power supply for electric road vehicles. The requirements in this standard are to complement the informational needs of users regarding the compatibility between the charging stations, the cable assemblies and the vehicles that are placed on the market. The identifier is intended to be visualized at charging stations, on vehicles, on cable assemblies, in EV dealerships and in consumer manuals as described in this document. Power supply for EVs uses vehicle inlets, socket-outlets, connectors and plugs, as mentioned in FprEN 61851 1:2016 and EN 62196 1:2014. This European Standard defines for each harmonized identifier the size, shape, colour and other information of relevance for compatibility recognition, as well as the location of placement. This European Standard provides harmonized compatibility labelling across Europe and thus effectively supports the implementation of Article 7 of Directive 2014/94 / EU by EU Member States. The European Standard complements the information needs of an electric vehicle user arriving at a connecting point with respect to the connection of his electric vehicle. Indeed, the consumer needs to be able to easily distinguish the different types of electrical interfaces proposed, in addition to optional information like power levels and above all, to identify the correct interface of the connecting point compatible with his electric vehicle. The station identifier could concern the plug of the mobile cord in case of a socket outlet configuration, or directly concern the car inlet in case attached cable configuration.

Keel: en

Alusdokumendid: prEN 17186

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 62660-1:2017

Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 1: Performance testing

This part of IEC 62660 specifies performance and life testing of secondary lithium-ion cells used for propulsion of electric vehicles including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). NOTE 1 Secondary lithium-ion cell used for propulsion of plug-in hybrid electric vehicle (PHEV) can be tested by the procedure either for BEV application or HEV application, according to the battery system design, based on the agreement between the manufacturer and the customer. The objective of this document is to specify the test procedures to obtain the essential characteristics of lithium-ion cells for vehicle propulsion applications regarding capacity, power density, energy density, storage life and cycle life. This document provides the standard test procedures and conditions for testing basic performance characteristics of lithium-ion cells for vehicle propulsion applications, which are indispensable for securing a basic level of performance and obtaining essential data on cells for various designs of battery systems and battery packs. NOTE 2 Based on the agreement between the manufacturer and the customer, specific test conditions can be selected in addition to the conditions specified in this document. Selective test conditions are described in Annex A. NOTE 3 The performance tests for the electrically connected lithium-ion cells can be performed with reference to this document. NOTE 4 The test specification for lithium-ion battery packs and systems is defined in ISO 12405-4 (under preparation).

Keel: en

Alusdokumendid: IEC 62660-1:201X; prEN 62660-1:2017

Asendab dokumenti: EVS-EN 62660-1:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 62660-2:2017

Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing

This part of IEC 62660 specifies test procedures to observe the reliability and abuse behavior of secondary lithium-ion cells and cell blocks used for propulsion of electric vehicles including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). NOTE 1 Secondary lithium-ion cell used for propulsion of plug-in hybrid electric vehicle (PHEV) can be tested by the procedure either for BEV application or HEV application, according to the battery system design, based on the agreement between the manufacturer and the customer. The objective of this document is to specify the standard test procedures and conditions for basic characteristics of lithium-ion cells for use in propulsion of battery and hybrid electric vehicles. The tests are indispensable for obtaining essential data on reliability and abuse behavior of lithium-ion cells for use in various designs of battery systems and battery packs. This document provides standard classification of description of test results to be used for the design of battery systems or battery packs. NOTE 2 Cell blocks can be used as an alternative to cells according to the agreement between the manufacturer and the customer. NOTE 3 The safety requirements of lithium-ion cells for electric vehicle application are defined in IEC 62660-3

Keel: en

Alusdokumendid: IEC 62660-2:201X; prEN 62660-2:2017

Asendab dokumenti: EVS-EN 62660-2:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

45 RAUDTEETEHNIKA

prEN 14033-4

Railway applications - Track - Railbound construction and maintenance machines - Part 4: Technical requirements for running, travelling and working on urban rail

1.1 General This European Standard deals with the technical requirements to minimize the specific railway hazards of railbound construction and maintenance machines - henceforward referred to as machines, intended for use on urban rail. These hazards can arise during the commissioning, the operation and the maintenance of machines when carried out in accordance with the specification given by the manufacturer or his authorized representative. The requirements in this standard amend those in EN 14033-1 to -3 as required for the use of the machine on urban railways. Where a machine is designed and intended for use on mainline and urban rail, compliance with the most onerous conditions of EN 14033-1 and EN 14033-4 will be required. This European Standard does not apply to the following: - the requirements for quality of the work or performance of the machine; - the specific requirements established by the machine operator for the use of machines, which will be the subject of negotiation between the manufacturer and the Urban Rail Manager; - moving and working whilst not on rails. This European Standard does not establish the additional requirements for the following: - operation subject to special rules, e.g. potentially explosive atmospheres; - hazards due to natural causes, e.g. earthquake, lightning, flooding; - working methods; - operation in severe working conditions requiring special measures, e.g. in tunnels or cuttings, extreme environmental conditions such as: freezing temperatures, high temperatures, corrosive environments, tropical environments, contaminating environments, strong magnetic fields; - hazards occurring when used to handle suspended loads which may swing freely. Other track construction and maintenance machines used on railway tracks are dealt with in other European Standards, see Annex B. 1.2 Scope of urban rail Urban rail systems cover Urban Guided Transport systems (UGT) and might include other rail systems excluded from the scope of the Interoperability Directive 2008/57/EC (Article 1.3 (a) and (b))1. Urban Guided Transport systems (UGT), which cover metro, tram and light rail, are defined as public transport systems permanently guided at least by one rail, intended for the operation of local, urban and suburban passenger services with self-propelled vehicles and operated either segregated or not from general road and pedestrian traffic. Categories of urban rail systems include: - (I) Metros: UGT systems operated on their own right of way and segregated from general road and pedestrian traffic. They are consequently designed for operations in tunnel, viaducts or on surface level but with physical separation in such a way that inadvertent access is not possible. In different parts of the world, Metro systems are also known as the underground, the subway or the tube. Rail systems with specific construction issues operating on a segregated guideway (e.g. monorail, rack railways) are also treated as Metros as long as they are designated as part of the urban public transport network. - (II) Trams: UGT systems not segregated from general road and pedestrian traffic, which share their right of way with general road and/or pedestrian traffic and are therefore embedded in their relevant national road traffic legislation (highway codes and specific adaptations). - (III) Light Rail: Light Rail is defined as a UGT system operated in parts of the system not segregated from general road and pedestrian traffic, and in parts of the system with segregated right-of-way. The segregation may include some sections of line where inadvertent access is not possible. - (IV) Local rail systems

which by national decision complying with Article 1 (3) a) or b) of Directive 2008/57/EC may be excluded from the European Community Rail System. NOTE Such systems connect city centres with their suburban hinterland or regional local centres. (...)

Keel: en

Alusdokumendid: prEN 14033-4

Arvamusküsitluse lõppkuupäev: 01.02.2018

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 12215-7

Small craft - Hull construction and scantlings - Part 7: Scantlings determination of multihulls (ISO/DIS 12215-7 :2017)

This part of ISO 12215 applies to the determination of local design pressures, and to the determination of the global loads acting on connected structural members of multihull craft constructed from fibereinforced plastics, aluminium or steel alloys, glued wood or other suitable boat building material with a hull length LH up to and including 24m according to ISO 8666. It only applies to craft in the intact condition and with a maximum speed ≤ 50 knots in mLDC conditions. It is not applicable to Hydrofoils, Small Waterplane Area Twin-Hull Ships (SWATHS) or surface effect multihulls. The assessment shall generally include all structural parts of the craft that are assumed watertight or weathertight when assessing stability, freeboard and buoyancy according to ISO 12217 and are essential to the safety of the craft and of persons on board. For the complete scantlings of the craft, this part of ISO 12215 shall be used in conjunction with Part 5 for detail local scantlings; Part 6, for construction details, Part 8 for rudders and Part 9 for appendages, and Part 10 for rig loads and rig attachment, with eventual changes coming from this document. The scantling determination of windows, portlights, deadlights, hatches and doors shall be assessed using either ISO 12216 which is a simplified scantlings standard, or using the pressures determined in this document and/or ISO/DIS 12215-5, particularly for panels other than non stiffened plates and their supporting structures, then using the equations, safety factors, mechanical properties and detailed requirements of ISO 12216. The scope of ISO 12215 was initially developed for up to 24 m hull length LH, but it may be applied for craft up to 24 m load line length and beyond, (see Note) with the necessary critical mind. Scantlings derived from this document are primarily intended to apply to recreational craft including recreational charter vessels. They are considered to correspond to the minimum strength requirements of motor and sailing craft which are operated in a safe and responsible manner, having due cognisance of the prevailing conditions. It primarily applies to boats designed to be available to open public, and used by non-professional crews, it is not suitable to racing craft that are only performance oriented and excludes boats designed only for professional racing. However Clause 14 considers the usage of a multihull as a workboats, with professional crew, provided Annex I of ISO/DIS 12215-5 is complied with. Throughout this document, and unless otherwise specified, dimensions are in (m), Areas in (m²), masses in kg, forces in (N), moments in (Nm), Pressures in kN/m² (1kN/m²=1 kPa), stresses and elastic modulus in N/mm² (1N/mm²=1 Mpa).

Keel: en

Alusdokumendid: ISO/DIS 12215-7; prEN ISO 12215-7

Arvamusküsitluse lõppkuupäev: 01.02.2018

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 4730

Aerospace series - Anthropometric dimensioning of aircraft seats

This document describes the application of anthropometric data for the dimensioning of aircraft passenger seats. The focus is on the use of statistical parameters of anthropometrical measurements as given in CEN ISO/TR 7250-2 and similar sources. Even if methods described in this document might be applicable to feasibility and safety issues the scope of this document is design for comfort. The aim of this document is to give advice to designers to include methods of human-centred design into the design of aircraft seats.

Keel: en

Alusdokumendid: FprEN 4730

Arvamusküsitluse lõppkuupäev: 01.02.2018

FprEN 6109

Aerospace series - Static seal elements elastomer, moulded, phosphate ester resistant - Technical specification

This European Standard defines the requirements for moulded elastomer seal elements for use in hydraulic systems using phosphate ester fluids for aerospace application. It shall be applied in conjunction with relevant material standards unless otherwise specified on the drawing, order, inspection schedule or contractual document.

Keel: en

Alusdokumendid: FprEN 6109

Arvamusküsitluse lõppkuupäev: 01.02.2018

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 22700

Leather - Measurement of the colour and colour difference of finished leather (ISO/DIS 22700:2017)

This document is a reference document to support the correct measurement of the colour of finished leather by instrumental means. The document describes general concepts of colour measurement adapted to leather and the calculation of differences in colour. This document defines the following: a) the use of D65 as the standard light source for the leather industry. b) the use of D65 light source 10° as standard conditions for colour matching, for the definition of daylight simulators, and as the reference light source for metameric analysis. c) the use of CIE DE2000 as the colour difference formula

Keel: en

Alusdokumendid: ISO/DIS 22700; prEN ISO 22700

Arvamusküsitluse lõppkuupäev: 01.02.2018

65 PÕLLUMAJANDUS

prEN 17194

Animal feeding stuffs: Methods of sampling and analysis - Determination of Deoxynivalenol, Aflatoxin B1, Fumonisin B1&B2, T-2 & HT-2 toxins, Zearalenone and Ochratoxin A in feed materials and compound feed by LC-MS/MS

This European Standard method of analysis is applicable for the determination of Deoxynivalenol (DON) in the tested range of 96,2 µg/kg to 3 269 µg/kg, Aflatoxin B1 (AflB1) in the tested range of 2,62 µg/kg to 444 µg/kg, Fumonisin B1 (FB1) in the tested range of 693 µg/kg to 7 529 µg/kg, Fumonisin B2 (FB2) in the tested range of 203 µg/kg to 2 465 µg/kg, T-2 toxin in the tested range of 7,47 µg/kg to 360 µg/kg and HT-2 toxin in the tested range of 13,9 µg/kg to 1 758 µg/kg, Zearalenone (ZON) in the tested range of 34,3 µg/kg to 593 µg/kg and Ochratoxin A (OTA) in the tested range of 10,8 µg/kg to 228 µg/kg in cereals and cereal-based compound feed by liquid-chromatography tandem mass spectrometry (LC-MS/MS). The actual working ranges may extend beyond the tested ranges.

Keel: en

Alusdokumendid: prEN 17194

Arvamusküsitluse lõppkuupäev: 01.02.2018

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 17678

Milk and milk products - Determination of milk fat purity by gas chromatographic analysis of triglycerides (Reference method) (ISO/DIS 17678:2017)

This document specifies a reference method for the determination of milk fat purity using gas chromatographic analysis of triglycerides. The method utilises the differences in triglyceride fingerprint of milk fat from the individual triglyceride fingerprints of other fats and oils to determine samples which are outside the range normally observed for milk fat. This is achieved by using the defined triglyceride equations based on the normalized weighted sum of individual triglyceride peaks which are sensitive to the integrity of the milk. The integrity of the milk fat may be determined by comparing the result of these equations with those previously observed for a range of pure milk fat samples. Both vegetable fats and animal fats such as beef tallow and lard can be detected. Basically, the method applies to bulk milk, or products made thereof, irrespective of the variation in common feeding practices, breed or lactation conditions. In particular, the method is applicable to fat extracted from milk products purporting to contain pure milk fat with unchanged composition, such as butter, cream, milk, and milk powder. However, under the circumstances listed hereafter, a false positive result can be obtained. Hence, the method is not applicable to milk fat: a) obtained from bovine milk other than cow's milk; b) obtained from single cows; c) obtained from cows whose diet contained a particularly high proportion of vegetable oils such as rapeseed, cotton or palm oil etc.; d) obtained from cows suffering from considerable underfeeding (strong energy deficit); e) obtained from colostrum; f) subject to technological treatment such as removal of cholesterol or fractionation; g) obtained from skim milk, buttermilk or whey; h) obtained from cheeses showing increased lipolysis; i) extracted by using the Gerber, Weibull-Berntrop or Schmid-Bondzynski-Ratzlaff methods, or that has been isolated using detergents (e.g. the Bureau of Dairy Industries method). With the extraction methods specified in i), substantial quantities of partial glycerides or phospholipids can pass into the fat phase.

Keel: en

Alusdokumendid: ISO/DIS 17678; prEN ISO 17678

Asendab dokumenti: EVS-EN ISO 17678:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 18363-2

Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 2: Method using slow alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol (ISO/DIS 18363-2:2017)

This part of ISO 18363 describes a procedure for the parallel determination of glycidol together with 2-MCPD and 3-MCPD present in bound or free form in oils and fats. The method is based on alkaline-catalyzed ester cleavage, transformation of the released glycidol into monobromopropanediol (MBPD) and derived free diols (MCPD and MBPD) with phenylboronic acid (PBA). Though free MCPD and glycidol are supposed to be present in fats and oils in low to negligible quantities only, significant content would increase proportionately the determination of bound analytes. This method is applicable to solid and liquid fats and oils. This part of ISO 18363 can also apply to animal fats and used frying oils and fats, but a validation study must be undertaken before the analysis of these matrices. Milk and milk products (or fat coming from milk and milk products) are excluded from the scope of this international standard.

Keel: en

Alusdokumendid: ISO/DIS 18363-2; prEN ISO 18363-2

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 9233-1

Cheese, cheese rind and processed cheese - Determination of natamycin content - Part 1: Molecular absorption spectrometric method for cheese rind (ISO/FDIS 9233-1:2017)

This document 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/FDIS 9233-1; prEN ISO 9233-1

Asendab dokumenti: EVS-EN ISO 9233-1:2013

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 9233-2

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/FDIS 9233-2:2017)

This document 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/FDIS 9233-2; prEN ISO 9233-2

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

Arvamusküsitluse lõppkuupäev: 01.02.2018

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 589

Automotive fuels - LPG - Requirements and test methods

This European Standard specifies requirements and test methods for marketed and delivered automotive liquefied petroleum gas (LPG). It is applicable to automotive LPG for use in LPG engine vehicles designed to run on automotive LPG. NOTE For the purposes of this European Standard, the terms “% (m/m)” and “% (V/V)” are used to represent respectively the mass fraction, μ , and the volume fraction, φ . WARNING Attention is drawn to the risk of fire and explosion when handling LPG and to the hazard to health arising through inhalation of excessive amounts of LPG. LPG is a highly volatile hydrocarbon liquid which is normally stored under pressure. If the pressure is released large volumes of gas will be produced which form flammable mixtures with air over the range of approximately 2 % (V/V) to 10 % (V/V). This European Standard involves the sampling, handling and testing of LPG. Naked flames, unprotected electrical equipment electrostatic hazards etc. are sources of ignition for LPG. LPG in liquid form can cause cold burns to the skin. The national health and safety regulations apply. LPG is heavier than air and accumulates in cavities. There is a danger of suffocation when inhaling high concentrations of LPG. One of the tests described in this European Standard involves the operator inhaling a mixture of air and LPG vapour. Particular attention is drawn to the cautionary statement provided in A.1, where this method is referred to.

Keel: en

Alusdokumendid: prEN 589

Asendab dokumenti: EVS-EN 589:2008+A1:2012

Arvamusküsitluse lõppkuupäev: 01.01.2018

prEVS 668

Põlevkivi. Niiskuse määramine

Oil shale - Determination of moisture

Standard käsitleb kukersiitpõlevkivi kahe- ja üheastmelise üldniiskuse ning analüütilise niiskuse määramise meetodeid.

Keel: et

Asendab dokumenti: EVS 668:1996

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEVS-ISO 587

Tahkekütused. Kloori määramine Eschka segu abil

Solid mineral fuels - Determination of chlorine using Eschka mixture (ISO 587:1997, modified)

See rahvusvaheline standard käsitleb kloori sisalduse määramist põlevkivis, kivisöes, pruunsöes, ligniidis ja koksas kasutades Eschka segu.

Keel: en

Alusdokumendid: ISO 587:1997

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 20504**Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at room temperature - Determination of compressive behaviour (ISO/DIS 20504:2017)**

This International Standard describes procedures for determination of the compressive behaviour of ceramic matrix composite materials with continuous fibre reinforcement at room temperature. This method applies to 6 all ceramic matrix composites with a continuous fibre reinforcement, uni-directional (1D), bi-directional (2D) and tri-directional (3D, with $2 < x \leq 3$), tested along one principal axis of reinforcement. This method may also be applied to carbon-fibre-reinforced carbon matrix composites (also known as: carbon/carbon or C/C). Two cases of testing are distinguished: compression between platens and compression using grips.

Keel: en

Alusdokumendid: ISO/DIS 20504; prEN ISO 20504

Asendab dokumenti: EVS-EN ISO 20504:2016

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 14243-1**Materials obtained from end of life tyres - Part 1: General definitions related to the methods for determining their dimension(s) and impurities**

This European Standard provides general definitions for sample collection and preparation of a representative sample based on a sampling plan for the purpose of determining dimensions and impurities. This Standard does not cover the operational performance or fitness for use of the materials which are deemed to be a function of agreements between the manufacturer and the customer. This Standard does not purport to address all of the safety concerns, if any, associated with its use. This Standard does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 14243-1

Asendab dokumenti: CEN/TS 14243:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 14243-2**Materials obtained from end of life tyres - Part 2: Granulates and powders - Methods for determining their dimension(s) and impurities, including free steel and free textile content**

This European Standard provides test methods for the determination of the dimension(s) of granulates and powders, produced from all categories of end-of-life tires at all steps of the treatment processes as well as for the determination of impurities (including free steel and free textile content). The methods described in this Standard include sample collection and the preparation of a representative sample based on a sampling plan for the purpose of determining dimensions and impurities. This Standard does not cover the operational performance or fitness for use of the materials which is deemed to be a function of the agreement between manufacturer and customer. This Standard does not purport to address all of the safety concerns, if any, associated with its use. This standard does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 14243-2

Asendab dokumenti: CEN/TS 14243:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 14243-3**Materials obtained from end of life tyres - Part 3: Shreds, cuts and chips - Methods for determining their dimension(s) including protruding filaments dimensions**

This European Standard provides test methods for the determination of the dimension(s) of shreds, cuts and chips (including protruding filaments) produced from all categories of end-of-life tyres at all steps of the treatment processes. The methods described in this Standard include sample collection and the preparation of a representative sample based on a sampling plan for the purpose of determining dimensions. This Standard does not cover the operational performance or fitness for use of the materials which are deemed to be a function of agreements between the manufacturer and the customer. This Standard does not purport to address all of the safety concerns, if any, associated with its use. This standard does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 14243-3

Asendab dokumenti: CEN/TS 14243:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 7263-1**Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 1: A-flute (ISO/DIS 7263-1:2017)**

This part of ISO 7263 describes a method for the determination of the flat crush resistance of a corrugating medium after laboratory fluting using an A-flute geometry. The procedure is applicable to any corrugating medium intended to be used, after fluting, in the manufacture of corrugated board. NOTE ISO 7263-2 describes a method to determine the flat crush resistance using a B-flute geometry.

Keel: en

Alusdokumendid: ISO/DIS 7263-1; prEN ISO 7263-1

Asendab dokumenti: EVS-EN ISO 7263:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN ISO 7263-2**Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 2: B-flute (ISO/DIS 7263-2:2017)**

This part of ISO 7263 describes a method for the determination of the flat crush resistance of a corrugating medium after laboratory fluting using a B-flute geometry. The procedure is applicable to any corrugating medium intended to be used, after fluting, in the manufacture of corrugated board. NOTE ISO 7263-1 describes a method to determine the flat crush resistance using an A-flute geometry.

Keel: en

Alusdokumendid: ISO/DIS 7263-2; prEN ISO 7263-2

Asendab dokumenti: EVS-EN ISO 7263:2011

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 1015-11**Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar**

This European Standard specifies a method for determining the flexural and compressive strength of moulded mortar specimens.

Keel: en

Alusdokumendid: prEN 1015-11

Asendab dokumenti: EVS-EN 1015-11:2004

Asendab dokumenti: EVS-EN 1015-11:2004/A1:2007

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 12045-1**Gas meters - Conversion devices - Part 1: Volume conversion**

To revise the Annex ZA, and the associated body text only, of EN 12405-1 to ensure the alignment with the Directive 2014/32/EU.

Keel: en

Alusdokumendid: prEN 12045-1

Asendab dokumenti: EVS-EN 12405-1:2005+A2:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 12102-2**Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 2: Heat pump water heaters**

This European Standard specifies methods for testing the sound power level for water heating energy efficiency of air/water, brine/water, water/water and direct exchange/water heat pump water heaters and heat pump combination heaters with electrically driven compressors and connected to or including a domestic hot water storage tank for domestic hot water production. This European Standard comprises only the testing procedure for the domestic hot water production of the heat pump system. NOTE 1 Testing procedures for simultaneous operation for domestic hot water production and space heating are not treated in this standard. Simultaneous means that domestic hot water production and space heating generation occur at the same time and may interact. NOTE 2 For space heating functions, the requirements are given in EN 12102-1. This European Standard only applies to water heaters which are supplied in a package of heat pump and storage tank. In the case of water heaters consisting of several parts with refrigerant connections, this European Standard applies only to those designed and supplied as a complete package. This European Standard does not specify requirements of the quality of the used water

Keel: en

Alusdokumendid: prEN 12102-2

Arvamusküsitluse lõppkuupäev: 01.01.2018

prEN 13375

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Specimen preparation

This European Standard is one of a series of standards applicable to flexible sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles. This document specifies: - the composition, the characteristics and the preparation procedure of the base specimen concrete slabs; - the composition, the characteristics and the preparation procedure of different bituminous mixtures for the asphalt layer; - the rules for the preparation of specimens.

Keel: en

Alusdokumendid: prEN 13375

Asendab dokumenti: EVS-EN 13375:2004

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 13495

Thermal insulation products for building applications - Determination of the pull-off resistance of external thermal insulation composite systems (ETICS)(foam block test)

This European Standard specifies equipment and procedures for determining the resistance of kits out of external thermal insulation composite systems (ETICS) to tension and/or shear forces.

Keel: en

Alusdokumendid: prEN 13495

Asendab dokumenti: EVS-EN 13495:2003

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 14695

Flexible sheets for waterproofing - Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete - Definitions and characteristics

This European Standard specifies characteristics and performance of reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete where the waterproofing system is fully bonded to the concrete deck and fully bonded to the asphalt overlay. This standard does not cover concrete surfaces trafficable by vehicles where the waterproofing is not fully bonded to the concrete and/or not fully bonded to an overlay. This European Standard also specifies the test methods used for verifying the characteristics and gives rules for the assessment and verification of constancy of performance of the product.

Keel: en

Alusdokumendid: prEN 14695

Asendab dokumenti: EVS-EN 14695:2010

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 81-40

Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility

1.1 This European Standard deals with safety requirements for construction, manufacturing, installation, maintenance and dismantling of electrically operated stairlifts (chair, standing platform and wheelchair platform) affixed to a building structure, moving in an inclined plane and intended for use by persons with impaired mobility: - travelling over a stair or an accessible inclined surface; - intended for use by one person; - whose carriage is directly retained and guided by a guide rail or rails; - supported or sustained by rope (5.4.4), rack and pinion (5.4.5), chain (5.4.6), friction traction drive (5.4.7), and guided rope and ball (5.4.8). 1.2 The standard identifies hazards as listed in Clause 4 which arise during the various phases in the life of such equipment and describes methods for the elimination or reduction of these hazards when used as intended by the manufacturer. 1.3 This European standard does not specify the additional requirements for: - operation in severe conditions (e.g. extreme climates, strong magnetic fields); - operation subject to special rules (e.g. potentially explosive atmospheres); - handling of materials the nature of which could lead to dangerous situations; - use of energy systems other than electricity; - hazards occurring during manufacture; - earthquakes, flooding, fire; - evacuation during a fire; - stairlifts for goods only; - concrete, hardcore, timber or other foundation or building arrangement; - design of anchorage bolts to the supporting structure. NOTE For the actual type of machinery, noise is not considered a significant nor relevant hazard. 1.4 This document is not applicable to power operated stairlifts which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: prEN 81-40

Asendab dokumenti: EVS-EN 81-40:2008

Arvamusküsitluse lõppkuupäev: 01.02.2018

93 RAJATISED

prEN 14033-4

Railway applications - Track - Railbound construction and maintenance machines - Part 4: Technical requirements for running, travelling and working on urban rail

1.1 General This European Standard deals with the technical requirements to minimize the specific railway hazards of railbound construction and maintenance machines - henceforward referred to as machines, intended for use on urban rail. These hazards can arise during the commissioning, the operation and the maintenance of machines when carried out in accordance with the specification given by the manufacturer or his authorized representative. The requirements in this standard amend those in EN 14033-1 to -3 as required for the use of the machine on urban railways. Where a machine is designed and intended for use on mainline and urban rail, compliance with the most onerous conditions of EN 14033-1 and EN 14033-4 will be required. This European Standard does not apply to the following: - the requirements for quality of the work or performance of the machine; - the specific requirements established by the machine operator for the use of machines, which will be the subject of negotiation between the manufacturer and the Urban Rail Manager; - moving and working whilst not on rails. This European Standard does not establish the additional requirements for the following: - operation subject to special rules, e.g. potentially explosive atmospheres; - hazards due to natural causes, e.g. earthquake, lightning, flooding; - working methods; - operation in severe working conditions requiring special measures, e.g. in tunnels or cuttings, extreme environmental conditions such as: freezing temperatures, high temperatures, corrosive environments, tropical environments, contaminating environments, strong magnetic fields; - hazards occurring when used to handle suspended loads which may swing freely. Other track construction and maintenance machines used on railway tracks are dealt with in other European Standards, see Annex B. 1.2 Scope of urban rail Urban rail systems cover Urban Guided Transport systems (UGT) and might include other rail systems excluded from the scope of the Interoperability Directive 2008/57/EC (Article 1.3 (a) and (b))¹. Urban Guided Transport systems (UGT), which cover metro, tram and light rail, are defined as public transport systems permanently guided at least by one rail, intended for the operation of local, urban and suburban passenger services with self-propelled vehicles and operated either segregated or not from general road and pedestrian traffic. Categories of urban rail systems include: - (I) Metros: UGT systems operated on their own right of way and segregated from general road and pedestrian traffic. They are consequently designed for operations in tunnel, viaducts or on surface level but with physical separation in such a way that inadvertent access is not possible. In different parts of the world, Metro systems are also known as the underground, the subway or the tube. Rail systems with specific construction issues operating on a segregated guideway (e.g. monorail, rack railways) are also treated as Metros as long as they are designated as part of the urban public transport network. - (II) Trams: UGT systems not segregated from general road and pedestrian traffic, which share their right of way with general road and/or pedestrian traffic and are therefore embedded in their relevant national road traffic legislation (highway codes and specific adaptations). - (III) Light Rail: Light Rail is defined as a UGT system operated in parts of the system not segregated from general road and pedestrian traffic, and in parts of the system with segregated right-of-way. The segregation may include some sections of line where inadvertent access is not possible. - (IV) Local rail systems which by national decision complying with Article 1 (3) a) or b) of Directive 2008/57/EC may be excluded from the European Community Rail System. NOTE Such systems connect city centres with their suburban hinterland or regional local centres. (...)

Keel: en

Alusdokumendid: prEN 14033-4

Arvamusküsitluse lõppkuupäev: 01.02.2018

97 OLME. MEELELAHUTUS. SPORT

EN 60675:1995/prA2:2017

Household electric direct-acting room heaters - Methods for measuring performance

Amendment for EN 60675:1995

Keel: en

Alusdokumendid: IEC 60675:1994/A2:201X; EN 60675:1995/prA2:2017

Muudab dokumenti: EVS-EN 60675:2002

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 1130

Children's Furniture - Cribs and cradles - Safety requirements and test methods

This European Standard specifies safety requirements for cribs (including cradles, suspended baby beds and bedside sleepers) for domestic and non-domestic use with an internal length of the base less than or equal to 900 mm used to lay young babies for sleeping until they are able to sit unaided, or push up on its hands and knees. Products that can be converted into other items may be covered by other relevant European standards. Electrical safety is not covered in this standard. This standard does not cover cribs used for medical purposes. Mattresses provided with the crib are not covered by this standard.

Keel: en

Alusdokumendid: prEN 1130

Asendab dokumenti: EVS-EN 1130-1:2000

Asendab dokumenti: EVS-EN 1130-2:2000

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 131-4

Ladders - Part 4: Single or multiple hinge-joint ladders

This European Standard specifies the requirements, tests and marking of hinged combination ladders with one or several hinge joints. This European Standard is not applicable to hinge-joints of combination and standing ladders as defined by EN 131 1. This part of the standard is intended to be used in conjunction with EN 131 1, EN 131 2 and EN 131 3.

Keel: en

Alusdokumendid: prEN 131-4

Asendab dokumenti: EVS-EN 131-4:2007

Arvamusküsitluse lõppkuupäev: 01.02.2018

prEN 17191

Children's Furniture - Seating for children - Safety requirements and test methods

This European Standard specifies safety requirements and test methods for seating for children who are able to walk and sit by themselves. It applies to seating intended to be placed on the floor for all fields of application with the exception of the use in educational institutions. This European Standard applies to the seating function only. If the furniture has additional functions or can be converted into other products, the relevant European Standards may apply. It does not apply to children's high chairs and reclined cradles for which other European Standards exist. It does not apply to wheel chairs, electrical powered chairs and seating for children with special needs.

Keel: en

Alusdokumendid: prEN 17191

Arvamusküsitluse lõppkuupäev: 01.02.2018

TÖLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate algupäraste Eesti standardite ja dokumentide kohta.

Tõlgetega tutvumiseks võtta ühendust EVS-i standardiosakonnaga: standardiosakond@evs.ee, ostmiseks klienditeenindusega: standard@evs.ee.

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

CEN/TS 17227:2017

Ilusalongiteenused. Intensiivsed iluhooldused kasutamiseks koos standardiga EN 17226:2017

Selles tehnilises spetsifikatsioonis esitatakse juhised/nõuded intensiivsete iluhoolduste pakkumiseks professionaalsete ilusalongiteenustena ja see täiendab standardit EN 17226:2017.

Keel: et

Alusdokumendid: CEN/TS 17227:2017

Kommenteerimise lõppkuupäev: 01.01.2018

EVS-EN 12004-1:2017

Plaatimissegud ja -liimid. Osa 1: Nõuded, toimivuse püsivuse hindamine, liigitamine ja märgistamine

See Euroopa standard käsitleb järgmisi kolme tüüpi, seinte ja põrandate plaatimiseks mõeldud keraamiliste plaatide plaatimissegusid ja -liime: tsemendipõhised plaatimiseks sise- ja välitingimustes, dispersioonipõhised ja reaktsioonivaigupõhised plaatimiseks sisetingimustes. Standard esitab terminid keraamiliste plaatide paigaldamisel kasutatavate toodete, töömeetodite, kasutusomaduste jne kohta. Standard spetsifitseerib keraamiliste plaatide paigaldamisel kasutatavate mörtide ja liimide toimivusnõuded. Samuti on standardis toodud keraamiliste plaatide plaatimissegude ja -liimide asjakohased katsemeetodid, toimivuse püsivuse hindamine ja kontrollimine (AVCP), klassifikatsioon, tähistamine ja märgistamine. Standard ei esita kriteeriume ega soovitusi keraamiliste plaatide kavandamiseks ja paigaldamiseks. MÄRKUS Keraamiliste plaatide paigaldamiseks kasutatavaid segusid ja liime võib kasutada ka teiste plaaditüüpide puhul (looduslikud ja tehiskivid jne), kui see neid materjale ei kahjusta.

Keel: et

Alusdokumendid: EN 12004-1:2017

Kommenteerimise lõppkuupäev: 01.01.2018

EVS-EN 13402-3:2017

Rõivaste suurustähistus. Osa 3: Kehamõõtudele ja mõõtevahemikele tuginev suurusemärgistus

Käesolev Euroopa standard kirjeldab paindliikku suuruste tähistamise süsteemi, mis tugineb kehamõõtudel ning sellega seotud rõivaste suurusemärgistuse informatsiooni esitamist tarbijatele, kasutades standardseid piktogramme. Näited rõivaste märgistamisest standardse piktogrammi abil (vaata EN 13402-1) on toodud käesoleva dokumendi peatükis 5. Näited kehamõõtude tabelite ja vahemike kohta on toodud lisas A (teatmelisa) kasutamaks meeste-, naiste-, poiste-, tüdrukute- ja väikelasterõivaste suuruste koostamisel. Dokument ei sisalda rõivaste mõõtmeid.

Keel: et

Alusdokumendid: EN 13402-3:2017

Kommenteerimise lõppkuupäev: 01.01.2018

EVS-EN 15824:2017

Orgaaniliste sideainete põhised välis- ja sisekrohvid. Spetsifikatsioonid

Käesolev Euroopa standard rakendub orgaaniliste sideainete põhiste tehases valmistatud välis- ja sisekrohvidele, mida kasutatakse seinte, postide, vaheseinte ja lagede pinnakattena välis- ja sisetingimustes. Tooted valmistatakse kas kasutusvalmis mördi või kuivseguna. See Euroopa standard on rakendatav ka anorgaaniliste sideainete, nagu silikaadid, silaanid, siloksaanid ja silikoonid, baasil valmistatud välis- ja sisekrohvidele. Välis- ja sisekrohvid võivad moodustada kandekonstruktsiooni lõpliku pealispinna, tekstureeritud või mitte, või tasandada aluspinda, nii et see oleks järgneva dekoratiivseks töötamiseks piisava siledusega. Käesolev Euroopa standard sisaldab kasutusseisundi kohta käivaid määratlusi ja toimivusnõudeid. See sisaldab ka asjakohaste omaduste klasse, mida kasutatakse välis- ja sisekrohvide tähistamisel. Käesolev Euroopa standard on ette nähtud toote sellele standardile vastavate toodete toimivuse püsivuse hindamiseks ja kontrollimiseks (AVCP). Lisatud on ka käesoleva standardiga hõlmatud toodete märgistusnõuded. Käesolev Euroopa standard ei rakendu standardite EN 1062-1 ja EN 13300 kohastele pinnakatte-materjalidele ja -süsteemidele. Käesolev Euroopa standard ei sisalda soovitusi välis- ja sisekrohvide projekteerimise ja pealekandmise kohta. Kuid seda Euroopa standardit võib kasutada välis- ja sisekrohvide määratlemisel seoses rakenduseeskirjadega ja tööde teostamist käsitlevate siseriiklike eeskirjadega.

Keel: et

Alusdokumendid: EN 15824:2017

Kommenteerimise lõppkuupäev: 01.01.2018

EVS-EN 16992:2017

Tolliesindajate pädevus

Käesolev Euroopa standard kehtestab tolliesindajatele ELi õigusaktidele vastavad pädevusnõuded.

Keel: et

Alusdokumendid: EN 16992:2017

Kommenteerimise lõppkuupäev: 01.01.2018

EVS-EN 747-2:2012+A1:2015

Mööbel. Narivoodid ja kõrged voodid. Osa 2: Katsemeetodid

See Euroopa standard määrab kindlaks katsemeetodid koduse ja koduvälise kasutusega narivoodite ja kõrgete voodite ohutusele, tugevusele ja vastupidavusele. Tugevuse ja vastupidavuse katsete koormused ja jõud rakenduvad vooditele, mille sisepikkus on suurem kui 140 cm ja maksimaalne voodialuse laius 120 cm. Katsetused on ette nähtud rakendada voodile, mis on täielikult koostatud ja kasutusvalmis. Kohaldatavad ohutusnõuded on antud standardis EN 747-1.

Keel: et

Alusdokumendid: EN 747-2:2012+A1:2015

Kommenteerimise lõppkuupäev: 01.01.2018

prEN ISO 12944-4

Värvid ja lakid. Teraskonstruksioonide korrosioonitõrje kaitsvate pinnakattesüsteemidega.

Osa 4: Pinnatüübid ja pinna ettevalmistamine

See osa standardist ISO 12944 käsitleb järgmisi teraskonstruksioonide, mis koosnevad süsinik- või madalsüsinikterasest, pinnatüüpe, ning nende ettevalmistamist: - katmata pinnad; - pinnad, mis on tsingi, alumiiniumi või nende sulamitega termopihustatud; - kuumsukelgalvaanitud pinnad; - tsinggalvaanitud pinnad; - kuivtsingitud pinnad; - krundiga eeltöödeldud pinnad; - teised värvitud pinnad. Selles standardi ISO 12944 osas määratletakse mitmed pinna ettevalmistustasemed, kuid ei täpsustata nõudeid substraadi seisundile enne pinna ettevalmistamist. Kõrgpoleeritud pinnad ja kalestatud pinnad ei ole kaetud standardi ISO 12944 selle osaga.

Keel: et

Alusdokumendid: ISO/DIS 12944-4; prEN ISO 12944-4

Kommenteerimise lõppkuupäev: 01.01.2018

prEVS-EN 17226

Ilusalongiteenused. Nõuded ja soovitused teenuse pakkumiseks

See Euroopa standard paneb paika nõuded ja soovitused professionaalsete ilusalongiteenuste pakkumiseks. Need teenused viitavad iluteenuste pakkumisele olenemata sellest, kus teenuse pakkumine toimub. Selles Euroopa standardis pannakse paika nõuded ja soovitused iluteenuste pakkumiseks vastava kvalifikatsiooniga iluteenindaja poolt. Antakse soovitused klientidega tegelemiseks, et tagada kõigi iluteenuste käigus kliendi ohutus. Ilusalongiteenuste pakkumine on piiratud iga iluteenindaja kvalifikatsiooniga, mille ta on omandanud tunnustatud koolitaja juures. Käsitlusala on välja jäetud meditsiinilised protseduurid nagu esteetilise kirurgia protseduurid ja kosmeetilised süstid, sealhulgas skleroteraapia. Sellest Euroopa standardist on välja jäetud ka juuksuri- ja habemeajamisteenused ning kehakunsti- ja tätoveerimisteenused.

Keel: et

Alusdokumendid: EN 17226:2017

Kommenteerimise lõppkuupäev: 01.01.2018

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas 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 12575:2000

Plastid. Termoreaktiivsed vormitavad kompaunid. Kiu määrgumisastme määramine vormitavatest kompaunidest tehtud lehtmaterjalides (SMC)

Plastics - Thermoset moulding compounds - Determination of the degree of fibre wet out in SMC

Käesolev standard määrab kindlaks testimismeetodi vormitavast kompaundist lehtmaterjali sarruse määrgumisastme määramiseks (sheet moulding compound) (SMC). Meetod on rakendatav eespool nimetatud lehtmaterjali kasutajapoolseks kvaliteedikontrolliks kui ka tootmisprotsessi kontrollimiseks lehtmaterjali tootmise käigus.

Keel: en

Alusdokumendid: EN 12575:1998

Tühistamisküsitluse lõppkuupäev: 01.01.2018

EVS-EN 130200:2002

Sectional Specification: Fixed tantalum capacitors with non-solid or solid electrolyte

This specification applies to polar and bipolar tantalum electrolytic capacitors with solid or non-solid electrolyte. It comprises capacitors for long-life applications and capacitors for general-purpose applications. Capacitors for special purpose application may need additional requirements. Surface mounting styled capacitors are not covered.

Keel: en

Alusdokumendid: EN 130200:1993+A3:1998

Tühistamisküsitluse lõppkuupäev: 01.01.2018

EVS-EN 130201:2002

Blank Detail Specification: Fixed Tantalum Capacitors with Solid Electrolyte, Porous Anode (SUB-FAMILY 3)

The first page of the detail specification should have the layout recommended on page 4 of this blank detail specification. The numbers in square brackets correspond to the following information which shall be inserted at the position indicated.

Keel: en

Alusdokumendid: EN 130201:1993+A2:1998

Tühistamisküsitluse lõppkuupäev: 01.01.2018

EVS-EN 130202:2002

Blank Detail Specification: Fixed tantalum capacitors with non-solid electrolyte, porous anode (sub-family 2)

Blank detail specification.

Keel: en

Alusdokumendid: EN 130202:1998

Tühistamisküsitluse lõppkuupäev: 01.01.2018

EVS-EN 13585:2002

Foodstuffs - Determination of fumonisins B1 and B2 in maize - HPLC method with solid phase extraction clean-up

This European Standard specifies a method for the determination of fumonisin B1 (FB1) and fumonisin B2 (FB2) in maize using high performance liquid chromatography (HPLC).

Keel: en

Alusdokumendid: EN 13585:2001

Tühistamisküsitluse lõppkuupäev: 01.01.2018

EVS-EN ISO 15225:2016

Medical devices - Quality management - Medical device nomenclature data structure (ISO 15225:2016)

ISO 15225:2016 specifies rules and guidelines for a medical device nomenclature data structure, in order to facilitate cooperation and exchange of data used by regulatory bodies on an international level between interested parties, e.g. regulatory authorities, manufacturers, suppliers, healthcare providers and end users. ISO 15225:2016 includes guidelines for a minimum data set and its structure. These guidelines are provided for system designers setting up databases that utilize the nomenclature system

described herein. The requirements contained in this International Standard are applicable to the development and maintenance of an international nomenclature for medical device identification. ISO 15225:2016 does not include the nomenclature itself, which is provided as a separate data file.

Keel: en

Alusdokumendid: ISO 15225:2016; EN ISO 15225:2016

Tühitamisküsitluse lõppkuupäev: 01.01.2018

AVALDATUD EESTIKEELSE STANDARDIPARANDUSED

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

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

[EVS-HD 60364-6:2016/AC:2017](#)

Madalpingelised elektripaigaldised. Osa 6: Kontrollitoimingud

Low-voltage electrical installations - Part 6: Verification

UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 351-1:2007

Puidu ja puittoodete vastupidavus. Kaitsevahendiga immutatud täispuit. Osa 1: Kaitsevahendi läbitavuse ja sissejäävuse liigitus **Durability of wood and wood-based products - Preservative-treated solid wood - Part 1: Classification of preservative penetration and retention**

See standardi EN 351 osa loob liigituse kaitseimmutatud puidule kaitseimmuti läbitavuse järgi ja annab juhise sissejäävuse liigitamiseks. Neid tuleks kasutada alusena eri toodete kaitseimmutuste määratlemiseks. See standardi EN 351 osa annab terminoloogia, mida peaks kasutama määratleja kaitseimmutuse määratluse või tootestandardi ettevalmistamisel. See ise ei ole immutuse määratlus. See standardi EN 351 osa on rakendatav kaitseimmutatud täispuidust toodangule, kaasa arvatud liimpuidule, mis on sobiv kasutamiseks nendes kasutustingimustes, mis on määratletud standardi EN 335-1 kasutusklassidega. See ei rakendu kasutuses oleva immutatud puidu mingile järgnevale kontrollile. See standardi EN 351 osa on rakendatav puidu kaitseks puitu hävitavate ja puitu moonutavate seente, putukate ja mereorganismide vastu. See standardi EN 351 osa ei arvesta immutatud puidu teisi omadusi, näiteks lõhna, korrodeerivust ja kokkusobivust teiste materjalidega, ega mingeid omadusi tervise, ohutuse ja keskkonna vaatepunktist. See standardi EN 351 osa ei rakendu puidule, mida on immutatud koostistega, mida on rakendatud kasutuses olevale puidule olemasoleva seen- või putukkahjustuse kõrvaldamiseks või ohjeldamiseks või maltspuidu värvusriket põhjustava seene või värskest raiutud puidus olevate putukate kahjustuste ärahoidmiseks.

EVS-EN 378-1:2016

Külmutussüsteemid ja soojuspumbad. Ohutus- ja keskkonnanõuded. Osa 1: Põhinõuded, määratlused, klassifikatsioon ja valikukriteeriumid **Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Basic requirements, definitions, classification and selection criteria**

See Euroopa standard määrab inimeste ja varaga seotud ohutusnõuded, annab juhised keskkonnakaitseks ja kehtestab jahutussüsteemide toimimise, hooldamise ja parandamise ning külmaainete taaskasutamise korra. Selles Euroopa standardis kasutatud mõiste „külmutussüsteem“ hõlmab ka soojuspumpasid. See standardi EN 378 osa sätestab külmutussüsteemide klassifikatsiooni ning valikukriteeriumid. Neid klassifikatsioone ja valikukriteeriume kasutatakse osades 2, 3 ja 4. Seda standardit kohaldatakse: a) igas suuruses stantsionaarsetele või mobiilsetele külmutussüsteemidele, v.a söidukite kliimaseadmetele, mida käsitletakse konkreetse tootestandardiga, nt ISO 13043; b) sekundaarsetele jahutus- või küttesüsteemidele; c) külmutussüsteemide asukohale; d) pärast käesoleva standardi vastuvõtmist asendatud osadele ja lisatud detailidele, kui need ei ole funktsiooni ja võimsuse poolest identsed; Süsteeme, kus kasutatakse külmaaineid, mida pole lisatud antud Euroopa standardi lisa E loetellu, selles standardis ei käsitleta. Lisa C täpsustab, kuidas määrata kindlaks ruumis lubatud külmaaine kogus, mille ületamisel on ohu vähendamiseks nõutavad täiendavad kaitsemeetmed. Lisas E on täpsustatud kriteeriumid erinevate külmutus- ja kliimaseadmetes kasutatavate külmaainete ohutus- ja keskkonnanõuetele. See standard ei ole rakendatav külmutussüsteemidele ja soojuspumpadele, mis on toodetud enne selle avaldamist Euroopa standardina, välja arvatud süsteemi lisadele ja modifikatsioonidele, mis rakendati avaldamisjärgselt. See standard on kohaldatav uutele külmutussüsteemidele, olemasolevatele süsteemide modifikatsioonidele ja laiendustele ning olemasolevatele stantsionaarsetele süsteemidele, mida paigutatakse ümber ja kasutatakse teises kohas. See standard rakendub ka juhul, kui süsteemis vahetatakse külmaaine tüüpi; sel juhul tuleb hinnata ka vastavust standardi osadele 1–4. Külmutussüsteemide tootepere ohutuse standardid on ülimuslikud sama teemat käsitlevate turuüleste ja üldstandardite suhtes.

EVS-EN 55015:2013+A1:2015

Elektrivalgustite ja nendetaoliste seadmete raadiohäiringu-tunnussuuruste piirväärtused ja mõõtemetodid **Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2013 + IS1:2013 + IS2:2013 + CISPR 15:2013/A1:2015)**

See standard kohalduv alljärgnevatest seadmetest tulenevatele kiirguslikele ja juhtivuslikele raadiosageduslikele häiringutele: — kõigi madalpingelise toiteallikaga ühendatud ja/või patareitoiteliste valgusseadmetele, mille esmane funktsioon on valgustamise eesmärgil valguse tekitamine ja/või jaotamine; — multifunktsionaalsete seadmete valgusti osadele, mille üks esmastest funktsioonidest on valgustamine; — iseseisvatele lisaseadmetele, mis on mõeldud kasutamiseks ainult valgustusseadmetes; — ultraviolet- ja infrapunakiirguse seadmetele; — neonreklamidele; — välistingimustes kasutatavale tänavaja- ja üldvalgustile; — transpordivalgustusele (paigaldatud bussidesse ja rongidesse). Selle standardi käsitlusala on välja jäetud: — valgustusseadmetesse sisseehitatud lisaseadmed; — valgustusseadmed, mis töötavad ISM-sagedusalas (nagu on määratletud ITU Raadioeeskirja Resolutsioonis 63 (1979)); — õhusõiduki ja lennuvälja valgustusseadmed; — eraldiseisev ja valgustusseadmesse sisseehitatud aparaat, mille elektromagnetilise ühilduvuse nõuded on raadiosagedusalas põhjalikult sõnastatud mõnes teises CISPR-i standardis. MÄRKUS 1 Välistuse näited on — sisseehitatud valgustusseadmed taustvalgustuseks ja signaalseerimiseks; — õhupuha, külmikud, sügavkülmikud; — valguskoopiamašinaid, projektoreid; — maanteesõidukite valgustus. Kaetud sagedusvahemik on 9 kHz kuni 400 GHz. Multifunktsionaalsed seadmed, millele kohalduvad samal ajal eri jaotised selles või mõnes muus standardis, peavad vastama iga jaotise/standardi klausile vastava funktsiooni toimides. Selle standardi alusel ei ole vaja standardi käsitlusala välja jäävatele valgustit kui teisest funktsiooni sisaldavate seadmete valgustusfunktsioonile eraldi hindamist teha, kui on kindlustatud, et valgustusfunktsioon oli töös seadmele kohalduva standardi nõuetele vastavushindamisel. MÄRKUS 2 Seadmed, kus valgustus on teise funktsioon, on näiteks õhupuha, ventilaatorid, külmikud, sügavkülmikud, ahjud ja taustvalgustusega telerid. Selle standardi piirnormid on kindlaks määratud

töenäosuslikel alustel, et hoida häiringute mahasurumine majanduslikult mõistlikes piirides, samas saavutades ikka veel piisava raadiosüsteemide kaitstuse ja elektromagnetilise ühilduvuse taseme. Erandjuhtudel võivad olla tarvilikud lisasätted.

EVS-EN 60445:2017

Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otsastuste ja juhtide tuvastamine

Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2017 + COR1:2017)

See dokument käib elektriseadmete, nagu näiteks takistite, sulavkaitsmete, releede, kontaktorite, trafode, pöörlevate masinate ja sel määral mil rakendatav, selliste seadmete kombinatsioonide (nt koostete) klemmide tuvastamise ja märgistamise kohta, aga ka mõningate kindla otstarbega juhtide otsastuste tuvastamise kohta. Selles nähakse ette ka põhireeglid teatavate värvide ja tähelis-numbriliste kombinatsioonide kasutamiseks juhtide tuvastamisel, et vältida nende segiajamist ja tagada ohutut talitlust. Need juhtide värvid ja tähelis-numbrilised kombinatsioonid on ette nähtud rakendamiseks kaablitel, juhtmetel, kaabli- ja juhtmesoontel, kogumislattidel, elektriseadmetel ja elektripaigaldistes. See ohutuse põhipublikatsioon on eeskätt ette nähtud kasutamiseks tehnilistes komiteedes standardite koostamisel põhimõtete kohaselt, mis on esitatud juhendites IEC Guide 104 ja ISO/IEC Guide 51. Standard ei ole ette nähtud kasutamiseks tootjatele ega sertifitseerimisorganisatsioonidele. Tehniliste komiteede üks vastutusala on kasutada ohutuse põhipublikatsioone, kui vähegi võimalik, oma publikatsioonide koostamisel. Selle ohutuse põhipublikatsiooni nõuded rakenduvad üksnes siis, kui vastavates publikatsioonides on neile viidatud või kui nad neisse on lisatud.

EVS-EN 60601-1-3:2008/A11:2016

Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimumisnäitajatele. Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele

Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment

Standardi EN 60601-1-3:2008 muudatus.

EVS-EN 60601-1-3:2008+A1+A11:2016

Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimumisnäitajatele. Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele

Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment

See rahvusvaheline standard kehtib ELEKTRILISTE MEDITSIINISEADMETE ja ELEKTRILISTE MEDITSIINISÜSTEEMIDE (edaspidi EM-SEADMETE ja EM-SÜSTEEMIDE) ESMASE OHUTUSE ja OLULISTE TOIMUMISNÄITAJATE kohta. See kollateraalsandard on kohaldatav sellistele RÖNTGENSEADMETELE ja nende koostisosadele, mille puhul inimPATSIENDI RADIOLOOGILIST KUJUTIST kasutatakse diagnoosimiseks, meditsiiniprotseduuride kavandamiseks või juhtimiseks.

EVS-EN 61000-5-7:2002

Elektromagnetiline ühilduvus. Osa 5-7: Paigaldus- ja leevendusjuhendid. Ümbristega tagatud elektromagnetiliste häiringute vastane kaitseaste (EM-kood)

Electromagnetic compatibility (EMC) - Part 5-7: Installation and mitigation guidelines; Degrees of protection by enclosures against electromagnetic disturbances (EM code)

See IEC 61000 osa käsitleb tühjade ümbristega tagatud elektromagnetiliste häiringute vastast kaitset sagedusalas 10 kHz kuni 40 GHz, nõudeid omadustele, katsetusmeetodeid ja kaitseaste liigituse protseduure. Soovitav on mõõta varjestusomadusi enne sisemiste elektri-/elektroonikakomponentide paigaldamist. Seda kaitset varjestusega mõõdetakse eesmärgiga näidata, et ümbris tagab piisava varjestuse elektromagnetilise energia eest, mis kindlustab täielikult koostatud üksuse vastuvõetavad omadused katsetamisel rakendatavatele IEC standarditele. Siiski tuleb märkida, et tühja ümbrist rahuldavad omadused ei pruugi alati tagada komplekse üksuse elektromagnetilise ühilduvuse omaduste läbimist katsetusstandarditele koos töötavate seadmetega (vt lisa A arutelu). Selle standardi eesmärk on pakkuda korratavaid võtteid tühjade mehaaniliste ümbriste elektromagnetiliste varjestusomaduste hindamisele, kaasa arvatud kapid ja sektsioonid, ning kehtestada tähistuskood, mis võimaldab tootjal valida elektromagnetiliste väljade suhtes teadaolevate summutusomadustega ümbris. Eri tüüpi elektromagnetiliste häiringute taluvuse nõuded, kaasa arvatud välk ja elektromagnetiline impulss stratosfäärist (HEMP), nõuavad tootjapoolset analüüsi määramaks selle standardi rakendamise vajalikkust konkreetsele seadmestikule ja rakendustele ning konkreetse ümbrise varjestusomadustele, mis on vajalikud sagedustaju seisukohalt. Selle standardi liigitussüsteemi kasutusvõimalus annab võimalusel meetodite ühtsuse, mis kirjeldavad elektromagnetilise mõjutuse vastase kaitse tagamist ümbrisega. See hõlmab ümbrisesisese seadmestiku kaitset väliste elektromagnetiliste mõjutuste eest, samuti välise seadmestiku kaitset sisemiselt genereeritud mõjutuste eest. Ümbriste eest vastutavad tehnilised komiteed võivad otsustada, mis viisil ja millises ulatuses selle standardiga määratud liigitust nende standardites kasutada, ning määratleda „ümbrise“, kui see on rakendatav ka nende seadmestikule. Siiski ei tohi katsed ja omaduste liigid erineda selles standardis esitatutest. Üksikasjalik vajalike ümbriste tootestandardite määratluste teabejuhend on toodud lisa B.

[EVS-IEC 60050\(713\):2001/A2:2017](#)

Rahvusvaheline elektrotehnika sõnastik. Osa 713: Raadioside: saatjad, vastuvõtjad, võrgud ja eksploatatsioon

International Electrotechnical Vocabulary (IEV) - Chapter 713: Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998/AMD2:2017)

Muudatus standardile EVS-IEC 60050(713):2001.

[EVS-IEC 60050\(713\):2001+A1+A2:2017](#)

Rahvusvaheline elektrotehnika sõnastik. Osa 713: Raadioside: saatjad, vastuvõtjad, võrgud ja eksploatatsioon

International Electrotechnical Vocabulary (IEV) - Chapter 713: Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998 + IEC 60050-713:1998/AMD1:2016 + IEC 60050-713:1998/AMD2:2017)

Käesolev Eesti standard on koostatud rahvusvahelise standardi IEC 60050(713):1998 "International Electrotechnical Vocabulary Chapter 713: Radiocommunication: transmitters, receivers, networks and operation" alusel.

[EVS-ISO 12917-1:2017](#)

Toornafta ja vedelad naftatooted. Horisontaalsete silindriliste mahutite kalibreerimine. Osa 1: Käsitsi mõõtemetodid

Petroleum and liquid petroleum products - Calibration of horizontal cylindrical tanks - Part 1: Manual methods (ISO 12917-1:2017)

See dokument määratleb käsitsi mõõtemetodid fikseeritud asukohta paigaldatud, olemuselt horisontaalsete mahutite kalibreerimisel. Meetodid selles dokumendis on rakendatavad nii soojustatud kui ka soojustuseta mahutite korral asukohaga nii maa all kui ka maa peal. Meetodid on rakendatavad survestatud mahutite korral ning mahutitele, millel on üleminekuraadiusega ümarad, tasapinnalised, elliptilised või sfäärilise kujuga otsad. See dokument on rakendatav kaldega mahutite korral, eeldusel et kalde mõõtetulemuste põhjal rakendatakse vastavat parandit. Kuigi see dokument ei kehtesta piiranguid mahuti maksimaalsele läbimõõdule ega kaldele, mille korral dokument on rakendatav, on praktilised piirid ligikaudu 4 m läbimõõdule ja 10° kaldele.

[EVS-ISO 5667-4:2016](#)

Vee kvaliteet. Proovivõtt. Osa 4: Juhised looduslikest ja tehisjärvedest proovide võtmiseks
Water quality - Sampling - Part 4: Guidance on sampling from lakes, natural and man-made (ISO 5667-4:2016)

Standardisarja ISO 5667 see osa annab juhised proovivõtuplaanide kavandamiseks, looduslikest ja tehisjärvedest avavee ja jääkatte perioodil võetud veeproovide võtmise tehnikale, proovide käsitlemiseks ja säilitamiseks. Standardisarja ISO 5667 see osa on rakendatav nii veetaimestikuga kui ka -taimestikuta järvede jaoks. Juhised ei hõlma mikrobioloogiliste uuringute proovivõttu.

STANDARDIPEALKIRJADE MUUTMINE

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

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 300 487 V2.1.2:2017	Satelliitside maajaamad ja nende süsteemid (SES); Harmoneeritud standard raadiosagedusalas 1,5 GHz töötavatele ainult andmeside vastuvõtmist võimaldavatele liikuvatele maajaamadele (ROMES); Raadiosagedusliku kiirguse (RF) spetsifikatsioonid direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	Satelliitside maajaamad ja süsteemid (SES); Harmoneeritud standard raadiosagedusalas 1,5 GHz ainult andmeside vastuvõtmist võimaldavatele liikuvatele maajaamadele (ROMES); Raadiosageduste (RF) spetsifikatsioonid direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
EVS-EN 301 842-5 V2.1.1:2016	VHF maa-õhk digitaallink (VDL) mudel 4 raadioseade; Maapealsete seadmete tehnilised karakteristikud ja mõõtmismeetodid; Osa 5: Harmoneeritud standard direktiivi 2014/53/EL artikli 3 lõike 2 põhinõuete alusel	VHF maa-õhk digitaallink (VDL) mood 4 raadioseade; Maapealsete seadmete tehnilised karakteristikud ja mõõtmismeetodid; Osa 5: Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
EVS-EN 351-1:2007	Puidu ja puittoodete vastupidavus. Kaitsevahenditega töödeldud täispuit. Osa 1: Kaitsevahendi imbumissügavuse ja sissejäävuse liigitus	Puidu ja puittoodete vastupidavus. Kaitsevahendiga immutatud täispuit. Osa 1: Kaitsevahendi läbitavuse ja sissejäävuse liigitus
EVS-EN 55015:2013+A1:2015	Elektrivalgustite ja nendesarnaste seadmete raadiohäiringu-tunnussuuruste piirväärtused ja mõõtemeetodid	Elektrivalgustite ja nendetaoliste seadmete raadiohäiringu-tunnussuuruste piirväärtused ja mõõtemeetodid
EVS-ISO 5667-4:2016	Vee kvaliteet. Proovivõtt. Osa 4: Juhised looduslikest ja tehislimest järvedest proovide võtmiseks	Vee kvaliteet. Proovivõtt. Osa 4: Juhised looduslikest ja tehisjärvedest proovide võtmiseks

UUED EESTIKEELSE PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12080:2017	Railway applications - Axleboxes - Rolling bearings	Raudteealased rakendused. Teljepuksid. Veerelaagrid
EVS-EN 12081:2017	Railway applications - Axleboxes - Lubricating greases	Raudteealased rakendused. Teljepuksid. Määrdeained
EVS-EN 12082:2017	Railway applications - Axleboxes - Performance testing	Raudteealased rakendused. Teljepuksid. Tööomaduste katsetamine
EVS-EN 1359:2017	Gas meters - Diaphragm gas meters	Gaasiarvestid. Membraangaasiarvestid
EVS-EN 16186-2:2017	Railway applications - Driver's cab - Part 2: Integration of displays, controls and indicators	Raudteealased rakendused. Juhikabiin. Osa 2: Ekraanide, juhtimiseseadmete ja näidikute paigaldamine
EVS-EN 16839:2017	Railway applications - Rolling stock - Head stock layout	Raudteealased rakendused. Raudteeveerem. Otsatala paigutus

EVS-EN 378-1:2016	Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Basic requirements, definitions, classification and selection criteria	Külmutussüsteemid ja soojuspumbad. Ohutus- ja keskkonnanõuded. Osa 1: Põhinõuded, määratlused, klassifikatsioon ja valikukriteeriumid
EVS-EN 61000-5-7:2002	Electromagnetic compatibility (EMC) - Part 5-7: Installation and mitigation guidelines; Degrees of protection by enclosures against electromagnetic disturbances (EM code)	Elektromagnetiline ühilduvus. Osa 5-7: Paigaldus- ja leevendusjuhendid. Ümbristega tagatud elektromagnetiliste häiringute vastane kaitseaste (EM-kood)
EVS-EN ISO 1833-11:2017	Textiles - Quantitative chemical analysis - Part 11: Mixtures of certain cellulose fibres with certain other fibres (method using sulfuric acid) (ISO 1833-11:2017)	Tekstiilid. Kvantitatiivne keemiline analüüs. Osa 11: Teatavate tsellulooskiudude segud teatavate teiste kiududega (väävelhappe kasutamise meetod)
EVS-EN ISO 1833-4:2017	Textiles - Quantitative chemical analysis - Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite) (ISO 1833-4:2017)	Tekstiilid. Kvantitatiivne keemiline analüüs. Osa 4: Teatavate valkkiudude segud teatavate teiste kiududega (hüpokloriti kasutamise meetod)
EVS-EN ISO 1833-7:2017	Textiles - Quantitative chemical analysis - Part 7: Mixtures of polyamide with certain other fibres (method using formic acid) (ISO 1833-7:2017)	Tekstiilid. Kvantitatiivne keemiline analüüs. Osa 7: Polüamiidi segud teatavate teiste kiududega (metaanhappe kasutamise meetod)

UUED HARMONEERITUD STANDARDID

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

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

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

Lisainfo:

<http://www.newapproach.org/>

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

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtva Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate direktiivide kaupa.

Direktiiv 2014/68/EL Surveseadmed (EL Teataja 2017/C 389/01)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse Märkus 1
EVS-EN 10028-7:2016 Surveotstarbelised tasapinnalised terastooted. Osa 7: Roostevabad terased	17.11.2017	EN 10028-7:2007 Märkus 2.1	17.11.2017
EVS-EN 10222-1:2017 Surveotstarbelised terassepised. Osa 1: Vabasepiste üldnõuded	17.11.2017	EN 10222-1:1998 Märkus 2.1	31.10.2017
EVS-EN 10222-2:2017 Surveotstarbelised terassepised. Osa 2: Kindlaksmääratud kõrgtemperatuuriliste omadustega ferriit- ja martensiiditerased	17.11.2017	EN 10222-2:1999 Märkus 2.1	31.10.2017
EVS-EN 10222-3:2017 Surveotstarbelised terassepised. Osa 3: Kindlaksmääratud madalatemperatuuriliste omadustega nikkelterased	17.11.2017	EN 10222-3:1998 Märkus 2.1	31.10.2017
EVS-EN 10222-4:2017 Surveotstarbelised terassepised. Osa 4: Keevitatavad kõrgtugevad peenteraterased	17.11.2017	EN 10222-4:1998 Märkus 2.1	31.10.2017
EVS-EN 10222-5:2017 Surveotstarbelised terassepised. Osa 5: roostevabad martensiid-, austeniit- ja austeniit-ferriitterased	17.11.2017	EN 10222-5:1999 Märkus 2.1	31.10.2017
EVS-EN 10272:2016 Surveotstarbelised roostevabad terasvardad	17.11.2017	EN 10272:2007 Märkus 2.1	17.11.2017
EVS-EN 10273:2016 Surveotstarbelised keevitatavad määratud kõrgtemperatuuri omadustega kuumvaltsitud terasvardad	17.11.2017	EN 10273:2007 Märkus 2.1	17.11.2017
EVS-EN 12178:2016 Külmutussüsteemid ja soojustpumbad. Vedelikunivoo indikaatorid. Nõuded, katsetamine ja märgistamine	17.11.2017	EN 12178:2003 Märkus 2.1	17.11.2017
EVS-EN 13445-2:2016/A1:2016 Leekkuumutuseta surveanumad. Osa 2: Materjalid	17.11.2017	Märkus 3	17.11.2017
EVS-EN 13445-2:2016+A1:2016 Leekkuumutuseta surveanumad. Osa 2: Materjalid	17.11.2017	Märkus 3	17.11.2017
EVS-EN 13445-3:2016/A2:2016 Leekkuumutuseta surveanumad. Osa 3: Kavandamine	17.11.2017	Märkus 3	17.11.2017
EVS-EN 13445-5:2014 Leekkuumutuseta surveanumad. Osa 5: Kontroll ja katsetamine	12.08.2016		12.08.2016
EVS-EN 13480-1:2017 Metallist tööstustorustik. Osa 1: Üldist	17.11.2017	EN 13480-1:2012 Märkus 2.1	15.12.2017

EVS-EN 13480-2:2017 Metallist tööstustorustik. Osa 2: Materjalid	17.11.2017	EN 13480-2:2012 Märkus 2.1	15.12.2017
EVS-EN 13480-3:2017 Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine	17.11.2017	EN 13480-3:2012 Märkus 2.1	15.12.2017
EVS-EN 13480-5:2017 Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine	17.11.2017	EN 13480-5:2012 Märkus 2.1	15.12.2017
EVS-EN 13480-6:2017 Metallist tööstustorustik. Osa 6: Täiendavad nõuded kaetud torudele	17.11.2017	EN 13480-6:2012 Märkus 2.1	15.12.2017
EVS-EN 13480-8:2017 Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele	17.11.2017	EN 13480-8:2012 Märkus 2.1	15.12.2017
EVS-EN 378-2:2016 Külmutussüsteemid ja soojustpumpad. Ohutus- ja keskkonn nõuded. Osa 2: Kavandamine, valmistamine, katsetamine, märgistamine ja dokumentatsioon	17.11.2017	EN 378-2:2008+A2:2012 Märkus 2.1	17.11.2017
EVS-EN ISO 15493:2004/A1:2017 Plasttorustikusüsteemid tööstuslikele rakendustele. Akrüloonnitril-butadieenstüreen (ABS), plastifitseerimata polü(vinüül)kloriid (PVC-U) ja klooritud polü(vinüül)kloriid (PVC-C). Komponentide ja süsteemi spetsifikatsioonid. Meetermõõdukuga seeriad. Muudatus 1	17.11.2017	Märkus 3	17.11.2017
EVS-EN ISO 21028-1:2016 Krüogeenanumad. Krüogeensetel temperatuuridel materjalide vastupidavusnõuded. Osa 1: Temperatuuridel alla -80 °C	17.11.2017	EN 1252-1:1998 Märkus 2.1	17.11.2017

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teataval erandjuhtudel võib olla ka teisiti.

Märkus 2.1: Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäevast alates ei loo asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

Märkus 3: Muudatuste puhul on viitestandard EN CCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard koosneb seega standardist EN CCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval ei anna asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

Direktiiv 90/385/EMÜ Aktiivsed siirdatavad meditsiiniseadmed (EL Teataja 2017/C 389/02)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN ISO 13485:2016 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	17.11.2017	EN ISO 13485:2012 Märkus 2.1	31.03.2019
EVS-EN ISO 13485:2016/AC:2016 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	17.11.2017		
EVS-EN ISO 15223-1:2016 Meditsiiniseadmed. Meditsiiniseadme märgisel, märgistusel ning kaasvas teabes kasutatavad tingmärgid. Osa 1: Üldnõuded	17.11.2017	EN 980:2008 Märkus 2.1	31.12.2017

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teataval erandjuhtudel võib olla ka teisiti.

Märkus 2.1: Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäevast alates ei loo asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

Direktiiv 93/42/EMÜ
Meditsiinivahendid
(EL Teataja 2017/C 389/03)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN 60601-1-3:2008/A11:2016 Elektrilised meditsiiniseadmed. Osa 1-3: Üldised nõuded esmasele ohutusele ja olulistele toimumisnäitajatele. Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele	17.11.2017	Märkus 3	01.11.2019
EVS-EN 60601-1-8:2007/A11:2017 Elektrilised meditsiiniseadmed. Osa 1-8: Üldised nõuded esmasele ohutusele ja olulistele toimumisnäitajatele. Kollateraalsandard: Elektrilistes meditsiiniseadmetes ja -süsteemides kasutatavatele alarmsüsteemidele esitatavad üldnõuded, katsetamine ja juhised	17.11.2017	Märkus 3	07.01.2020
EVS-EN 60601-2-33:2010 Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimumisnäitajatele	17.11.2017	EN 60601-2-33:2002+ A1:2005+ A2:2008 Märkus 2.1	31.12.2017
EVS-EN 60601-2-33:2010/A1:2015 Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimumisnäitajatele	17.11.2017	Märkus 3	14.04.2018
EVS-EN 60601-2-33:2010/A12:2016 Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimumisnäitajatele	17.11.2017	Märkus 3	01.11.2019
EVS-EN 60601-2-33:2010/A2:2015 Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimumisnäitajatele	17.11.2017	Märkus 3	23.07.2018
EVS-EN 60601-2-33:2010/AC:2016 Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimumisnäitajatele	17.11.2017		
EVS-EN ISO 10328:2016 Proteesimine. Alajäseme proteeside konstruktsiooni katsetamine. Nõuded ja katsemeetodid	17.11.2017	EN ISO 10328:2006 Märkus 2.1	30.06.2018
EVS-EN ISO 13485:2016 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	17.11.2017	EN ISO 13485:2012 Märkus 2.1	31.03.2019
EVS-EN ISO 13485:2016/AC:2016 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	17.11.2017		
EVS-EN ISO 15223-1:2016 Meditsiiniseadmed. Meditsiiniseadme märgisel, märgistusel ning kaasvas teabes kasutatavad tingmärgid. Osa 1: Üldnõuded	17.11.2017	EN 980:2008 Märkus 2.1	31.12.2017
EVS-EN ISO 22675:2016 Proteesimine. Hüppeliigese ja põia proteeside katsetamine. Nõuded ja katsemeetodid	17.11.2017	EN ISO 22675:2006 Märkus 2.1	30.06.2018

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.

Märkus 2.1: Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäevast alates ei loo asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

Märkus 3: Muudatuste puhul on viitestandard EN CCCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard koosneb seega standardist EN CCCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval ei anna asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

Direktiiv 98/79/EÜ
In vitro meditsiinivahendid
(EL Teataja 2017/C 389/04)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN ISO 11137-1:2015 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 1: Nõuded meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile	17.11.2017		
EVS-EN ISO 13485:2016 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	17.11.2017	EN ISO 13485:2012 Märkus 2.1	31.03.2019
EVS-EN ISO 13485:2016/AC:2016 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	17.11.2017		
EVS-EN ISO 15223-1:2016 Meditsiiniseadmed. Meditsiiniseadme märgisel, märgistusel ning kaasvas teabes kasutatavad tingmärgid. Osa 1: Üldnõuded	17.11.2017	EN 980:2008 Märkus 2.1	31.12.2017

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.

Märkus 2.1: Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäevast alates ei loo asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

Märkus 3: Muudatuste puhul on viitestandard EN CCCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard koosneb seega standardist EN CCCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval ei anna asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.