

**04/2015**

Ilmub üks kord kuus alates 1993. aastast

# **EVS TEATAJA**

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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## **ASUTATUD, PEATATUD JA LÕPETATUD KOMITEED**

### **EVS/PK 55 „Kontonumbrid“ asutamine**

Komitee tähis: EVS/PK 55

Komitee pealkiri: Kontonumbrid

Komitee registreerimise kuupäev: 17.03.2015

Käsitlusala: Standardile EVS 876:2004 „Kontonumbrid“ uustöötluse koostamine

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# UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### EVS-EN 15429-4:2015

#### Sweepers - Part 4: Symbols for operator controls and other displays

This European Standard applies to surface cleaning machines for outdoor applications in public areas, roads, airports and industrial complexes. Cleaning machines for winter maintenance and/or indoor applications are not included within the scope of this European Standard. Surface cleaning machines in terms of this standard, are self-propelled, truck mounted, attached sweeping equipment or pedestrian controlled as disclosed in EN 15429-1. Surface cleaning machines by way of their function, have specialized equipment necessary to perform their task. This European Standard deals with graphical symbols uniquely used to indicate the function and status of operator controls and tell-tale displays of the specialized equipment. Common symbols that are included in other standards and applied to a wider range of machines are not included. Typically, symbols in this category that may equally be applied to surface cleaning machines can be found in ISO 2575 Road vehicles – Symbols for controls, indicators and tell-tales, and ISO 6405 Earth moving machinery – Symbols for operator and other displays – Part 1: Common Symbols. This European Standard does not apply to machines or components that are specifically designed for cleaning tramlines and rail tracks. Industrial sweepers, within the scope of EN 60335-2-72 are excluded from this European Standard. This European Standard applies to machines manufactured after the approval date of the standard by CEN.

Keel: en

Alusdokumendid: EN 15429-4:2015

### EVS-EN ISO 3098-1:2015

#### Technical product documentation - Lettering - Part 1: General requirements (ISO 3098-1:2015)

This part of ISO 3098 specifies the general requirements for lettering, in accordance with the other parts of ISO 3098, to be used in technical product documentation (in particular on technical drawings). It includes basic conventions as well as rules for the application of lettering using the following techniques: a) free-hand lettering (by means of an underlaid "grid"); b) templates and manual lettering instruments; c) dry transfer systems; d) numerically controlled lettering and draughting systems.

Keel: en

Alusdokumendid: ISO 3098-1:2015; EN ISO 3098-1:2015

Asendab dokumenti: EVS-EN ISO 3098-0:1999

### EVS-ISO 11620:2015

#### Informatsioon ja dokumentatsioon. Raamatukogu tulemusindikaatorid

#### Information and documentation - Library performance indicators (ISO 11620:2014)

Seda rahvusvahelist standardit saab rakendada kõikide maade igat tüüpi raamatukogudes. Kõik tulemusindikaatorid pole siiski kõigis raamatukogudes rakendatavad. Kasutamise piirangud on loetletud iga indikaatori kirjelduses kasutusala jaotises (vt lisa B). Tulemusindikaatoreid saab kasutada ajaliseks võrdluseks ühes raamatukogus. Võrrelda saab ka raamatukogusid omavahel, kuid vaid teatud tingimustel. Raamatukogude vahelisel võrdlusel tuleb arvestada kõiki erinevusi raamatukogude kasutajaskonnas ja iseloomulikes joontes, hästi aru saada indikaatorite olemusest ja võrdlemise piirangutest ning tõlgendada andmeid ettevaatusega. Standardi tulemusindikaatoritele kehtivad muudki piirangud, mis sõltuvad kohalikest teguritest, nagu teenindatav kogukond, oodatavad teenused ja tehniline taristu. Neid tegureid tuleb kindlasti arvestada, kui tõlgendatakse standardis käsitletud tulemusindikaatorite rakendamise tulemusi. Esitatud tulemusindikaatorid ei kata kõiki raamatukoguteenuseid, tegevusi ega ressursside kasutusviise, sest vastavaid indikaatoreid pole kas selle standardi koostamise ajaks välja pakutud ega läbi proovitud või ei ole need vastanud esitatud kriteeriumidele (vt jaotis 4.2). Käsitletud tulemusindikaatorid ei kajasta kõiki võimalikke mõõtmise ja hindamise meetodeid. Siin pakutakse välja üldtunnustatud, läbiproovitud ja avalikult kättesaadavad (st mitte erakasutuses) meetodid ja lähenemisviisid raamatukoguteenuste tulemuslikkuse mõõtmiseks. Ei välistata nende tulemusindikaatorite kasutamist, mida standardis pole kirjeldatud. Selles standardis pole esitatud tulemusindikaatoreid, mille abil saaks hinnata raamatukogu teenuste mõju üksikisikutele, teenindatavatele kogukondadele või ühiskonnale. Raamatukogu mõju hindamiseks on koostatud eraldi rahvusvaheline standard (ISO 16439). Indikaatorite nimetused on tekstis kirjutatud läbiva suure algustähega, et eristada neid muust tekstist (nt Külastusi Teenindatava Kohta).

Keel: en, et

Alusdokumendid: ISO 11620:2014

Asendab dokumenti: EVS-ISO 11620:2010

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

### CENTS 16735:2015

#### Postal services - Extensible Common Structure and Representation for Postal Rates - EPR

This Technical Specification defines a uniform structure and meaning for the information that fully represents postal rates for a broad variety of postal products in all mail categories. The postal rates definition is viewed as an important interface between posts and their customers and as such will benefit from standardization. Such representation of postal rates allows automated systems to uniformly use postal rates as they are introduced for new products or updated for existing postal products by postal operators. A postal rate file (PRF) is an XML document, which fully describes postal products rates. It contains all necessary and

sufficient information for both postal operators and their customers to efficiently create, respectively acquire, update and process postal product rates. The structure, types and constraints of XML elements in an XML document are defined by an XML schema. The Extensible Postal Rates (EPR) schema is the XML schema that governs Postal Rate Files. This Technical Specification contains a complete description of the EPR schema, its hierarchical structure, information types and semantics of its elements. This Technical Specification neither defines nor constraints how postal rates are created by postal operators but rather provide a powerful and flexible tool that supports efficient rates definition, management and distribution. This Technical Specification does not define communication protocols that can be used by posts to distribute postal rates files to their customers. Suitable communication protocols are typically well known and already standardized (for example: Web Services, File Transport Protocol, email, etc.). The standard also does not define valuation of postal products as applied by postal operators and their customers.

Keel: en

Alusdokumendid: CEN/TS 16735:2015

## **EVS-EN 9110:2015**

### **Quality Management Systems - Requirements for Aviation Maintenance Organizations**

This standard includes ISO 9001:2008 quality management system requirements and specifies additional aviation maintenance industry requirements, definitions and notes as shown in bold, italic text. NOTE 1 Baseline aviation maintenance requirements originate from IAQG developed 9100:2009 standard; modifications were made, as required, to address maintenance industry specific requirements. It is emphasized that the requirements specified in this standard are complementary (not alternative) to contractual and applicable statutory and regulatory requirements. Should there be a conflict between the requirements of this standard and applicable statutory or regulatory requirements, the latter shall take precedence. This International Standard specifies requirements for a quality management system where an organization: a. needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and b. aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements. NOTE 2 In this International Standard, the term "product" only applies to: a. product intended for, or required by, a customer, b. any intended output resulting from the product realization processes. NOTE 3 Statutory and regulatory requirements can be expressed as legal requirements.

Keel: en

Alusdokumendid: EN 9110:2015

Asendab dokumenti: EVS-EN 9110:2010

## **EVS-ISO 18091:2015**

### **Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001:2008 rakendamiseks kohalikus omavalitsuses**

#### **Quality management systems -- Guidelines for the application of ISO 9001:2008 in local government (ISO 18091:2014)**

Käesolev standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhiks, kui organisatsioon a) peab demonstreerima oma suutlikkust pakkuda järjekindlalt tooteid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele, ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise, sh süsteemi pideva parendamise protsesside ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamise teel. MÄRKUS 1 Käesolevas standardis kasutatakse sõna "toode" ainult: c) kliendile mõeldud või tema poolt nõutud toote tähenduses; d) tooteteostusprotsessi tulemusena tekkinud mistahes etteavandatud väljundi tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetena. Selle rahvusvahelise standardi eesmärk on anda kohalikele omavalitsustele juhiseid usaldusväärsete tulemuste saavutamiseks standardi ISO 9001:2008 tervikliku kohaldamise kaudu. Need juhised aga ei täienda, muuda ega paranda standardi ISO 9001:2008 nõudeid. Kodanikud peavad kohalikku omavalitsust usaldusväärseks, kui see suudab püsivalt tagada kõigi oluliste protsesside ja toodete/teenuste minimaalse töökindluse. Oluline on, et kõik kohaliku omavalitsuse protsessid, sealhulgas juhtimis-, töö- ja tugiprotsessid, moodustaksid ühtse ning tervikliku kvaliteedijuhtimissüsteemi ja et selle kvaliteedijuhtimissüsteemi kasutamine ning edasiarendamine keskenduks tulemuste saavutamisele. Selle süsteemi terviklik iseloom on oluline, sest muidu võib kohalik omavalitsus olla usaldusväärne küll teatud tegevusvaldkondades, samas aga ebausaldusväärne teistes. Kvaliteedijuhtimissüsteemi protsesside määratlemisel on oluline, et kohalik omavalitsus kaaluks, millised protsessid on tema klientidele/kodanikele usaldusväärsete toodete/teenuste pakkumiseks vajalikud (vt lisa A). Asjaomased protsessid on juhtimis-, toimimis- ja tugiprotsessid ja nende hulka kuuluvad juhtimisprotsessid, toote/teenuse osutamise protsessid ja muud kvaliteedijuhtimissüsteemi mõjusaks toimimiseks vajalikud protsessid. Lisas B on antud kohalike omavalitsuste jaoks diagnostikametoodika oma protsesside ja toodete/teenuste käsitusala ja küpsusastme hindamiseks. Lisa B kasutamine tervikdiagnostikaks on selle rahvusvahelise standardi kasutajate eelistatud lähtepunktiiks.

Keel: en, et

Alusdokumendid: ISO 18091:2014

Asendab dokumenti: EVS 903:2010

## **11 TERVISEHOOLDUS**

### **CEN/TR 16824:2015**

#### **Early care services for babies born with cleft lip and/or palate**

This Technical Report specifies recommendations for the care of babies born with cleft lip and/or cleft palate at time of diagnosis (ante- and/or postnatal) and the year following birth or diagnosis (whichever is later), including referral processes, establishment of feeding, parental support and care pathways. Recommendations on all aspects of surgery, including timing and the use of pre surgical orthopaedics is excluded.

Keel: en

Alusdokumendid: CEN/TR 16824:2015

## **EVS-EN 13718-2:2015**

### **Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements for air ambulances**

This part of EN 13718 specifies the requirements for performance and equipping for air ambulances, including requirements for interfaces to medical devices used for the transport and treatment of sick or injured persons. This part of EN 13718 is applicable to air ambulances capable of transporting at least one person on a stretcher. NOTE Requirements are specified for categories of air ambulances based on the different intended use. These are the helicopter emergency medical service (HEMS) the helicopter intensive care medical service (HICAMS) and the fixed wing air ambulance (FWAA).

Keel: en

Alusdokumendid: EN 13718-2:2015

Asendab dokumenti: EVS-EN 13718-2:2008

## **EVS-EN 16442:2015**

### **Controlled environment storage cabinet for processed thermolabile endoscopes**

This European Standard specifies the performance requirements applying to cabinets designed to store, or store and dry, thermolabile endoscopes following automated or manual processing. The storage cabinets are designed to provide a controlled environment for storage of endoscope(s), with or without channels, and when necessary drying of the endoscope(s), including the endoscope(s) channels. The controlled environment provided by the storage cabinet ensures that during storage there is no deterioration of the microbiological quality of the endoscope. The drying function is intended to supplement, if necessary, any drying provided as part of the automated or manual processing cycle. This European Standard specifies storage cabinets which flush the channels and the external surfaces of endoscopes with air. NOTE 1 The storage cabinet is one of the means that can allow the safe use of the endoscope for an extended period from the time of processing and improve availability for emergency use. NOTE 2 Thorough drying of an endoscope in a washer-disinfector can require a prolonged cycle time; the use of a storage cabinet including a drying function can enhance throughput of the endoscopes. The cabinet is not intended to provide any cleaning or disinfection function. This European Standard does not include the use of other chemicals for drying and maintaining the quality of endoscopes during storage

Keel: en

Alusdokumendid: EN 16442:2015

## **EVS-EN 1865-2:2010+A1:2015**

### **Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 2: Muudetava asendiga kandraam**

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

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

Keel: en

Alusdokumendid: EN 1865-2:2010+A1:2015

Asendab dokumenti: EVS-EN 1865-2:2010

## **EVS-EN 1865-3:2012+A1:2015**

### **Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 3: Tugevdatud kandraam**

#### **Patient handling equipment used in road ambulances - Part 3: Heavy duty stretcher**

This European Standard specifies minimum requirements for the design and performance of heavy duty stretchers used in road ambulances for the treatment and transportation of patients. It aims to ensure patient safety and minimize the physical effort required by staff operating the equipment.

Keel: en

Alusdokumendid: EN 1865-3:2012+A1:2015

Asendab dokumenti: EVS-EN 1865-3:2012

## **EVS-EN ISO 5356-1:2015**

### **Anaesthetic and respiratory equipment - Conical connectors - Part 1: Cones and sockets (ISO 5356-1:2015)**

No scope available

Keel: en

Alusdokumendid: ISO 5356-1:2015; EN ISO 5356-1:2015

Asendab dokumenti: EVS-EN ISO 5356-1:2004

**EVS-EN 12972:2015****Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks**

This European Standard specifies testing, inspection and marking for the type approval, initial inspection, periodic inspection, intermediate inspection and exceptional check of metallic tanks (shell and equipment) of fixed tanks (tank vehicles), demountable tanks, rail tank wagons, portable tanks and tank containers for the transport of dangerous goods. This European Standard is not applicable to battery-vehicles and battery-wagons comprising cylinders, tubes, pressure drums, bundles of cylinders and multiple element gas containers (MEGCs), independent of whether the elements are receptacles or tanks. It is essential that the requirements of the applicable regulations for the transport of dangerous goods prevail in all cases over those of this standard.

Keel: en

Alusdokumendid: EN 12972:2015

Asendab dokumenti: EVS-EN 12972:2007

**EVS-EN 14533:2015****Textiles and textile products - Burning behaviour of bedding items - Classification scheme**

Specifies a classification scheme for the burning behaviour of bedding items based on two ignition sources (smouldering cigarette and small open flame)

Keel: en

Alusdokumendid: EN 14533:2015

Asendab dokumenti: EVS-EN 14533:2003

**EVS-EN 16523-1:2015****Materjalide vastupidavuse määramine kemikaalide läbilaskvuse suhtes. Osa 1: Läbilaskvus pidevas kokkupuutes vedela kemikaaliga****Determination of material resistance to permeation by chemicals - Part 1: Permeation by liquid chemical under conditions of continuous contact**

This part of EN 16523 specifies a test method for the determination of the resistance of protective clothing, gloves and footwear materials to permeation by potentially hazardous liquid chemicals under the condition of continuous contact. This test method is applicable to the assessment of protection against gaseous chemicals that can be collected only by liquid or gaseous collecting media.

Keel: en

Alusdokumendid: EN 16523-1:2015

**EVS-EN 16523-2:2015****Materjalide vastupidavuse määramine kemikaalide läbilaskvuse suhtes. Osa 2: Läbilaskvus pidevas kokkupuutes gaasilise kemikaaliga****Determination of material resistance to permeation by chemicals - Part 2: Permeation by gaseous chemical under conditions of continuous contact**

This European Standard specifies a test method for the determination of the resistance of protective clothing, gloves and footwear materials to permeation by potentially hazardous gaseous chemicals under the condition of continuous contact. This test method is applicable to the assessment of protection against gaseous chemicals that can be collected only by liquid or gaseous collecting media. This test method is not adapted for the assessment of gaseous chemical mixtures. This test method describes the modifications to EN 16523 1 necessary to test against gaseous chemicals that can be collected by liquid or gaseous collecting media.

Keel: en

Alusdokumendid: EN 16523-2:2015

**EVS-EN 16623:2015****Paints and varnishes - Reactive coatings for fire protection of metallic substrates - Definitions, requirements, characteristics and marking**

This European Standard relates to reactive coating systems intended to provide fire protection to metallic based structural members, including various grades and types of steel. Reactive coating systems may comprise the reactive coating component alone and/or that component used in conjunction with associated primers, topcoats and, if applicable, reinforcement. It covers the characterization of such systems in end use conditions. NOTE Fundamental to proving the suitability of any reactive coating system to provide fire protection to any metallic substrate is its fire resistance performance determined in accordance with CEN fire resistance test methods, which are currently EN 13381-6, EN 13381-8 and prEN 13381-9. Consequently, the scope of application and fire performance of any reactive protection system is limited by the scope of available and applicable published CEN fire test methods. The European Standard sets out the performance criteria, the verification methods used to examine the various aspects of performance, the assessment criteria used to judge the performance for the intended use and the presumed conditions for the design and execution of the reactive coating system in the works. It deals with the compatibility of the reactive coating component with various primers and topcoats, and a reactive coating system's durability in a number of different service and end use conditions. Specifically, it provides a process for establishing 'generic' primer compatibility and acceptable topcoats for use with a given reactive component layer without prejudicing the reactive coating systems fire performance. The European Standard also provides guidelines for the manufacture, storage, application, maintenance and repair of the reactive coating system and the final inspection of its installation in end use. This European Standard does not specify the required level ) of a given

property to be achieved by a product to demonstrate fitness for purpose in a particular application. This European Standard establishes the route for generic primer approval and the use of specific top-coats with which the reactive coating may carry the CE mark. This European Standard provides guidelines for the manufacture, storage, application, maintenance and repair of the reactive coating system and final inspection of works.

Keel: en

Alusdokumendid: EN 16623:2015

### **EVS-EN 2:1999+A1:2004**

#### **Tulekahjude klassifikatsioon**

#### **Classification of fires**

Käesolev standard klassifitseerib erinevad tulekahjud nelja klassi, mis on määratletud põlevaine liigi järgi. Selline klassifikatsioon on eriti sobiv kustutusvahendi valikul tulekahju kustutamisel.

Keel: en, et

Alusdokumendid: EN 2:1992; EN 2:1992/A1:2004

### **EVS-EN 469:2006**

#### **Kaitserõivad tuletõrjajatele. Toimivusnõuded kaitserõivastele tulekustutustöödel**

#### **Protective clothing for firefighters - Performance requirements for protective clothing for firefighting**

This European Standard specifies minimum levels of performance requirements for protective clothing to be worn during firefighting operations and associated activities such as e.g. rescue work, assistance during disasters. The described clothing is not meant to protect against deliberate chemical and/or gas cleaning operations.

Keel: en

Alusdokumendid: EN 469:2005; EN 469:2005/AC:2006

Asendab dokumenti: EVS-EN 469:1999

### **EVS-EN 469:2006/A1:2006**

#### **Kaitserõivad tuletõrjajatele. Toimivusnõuded kaitserõivastele tulekustutustöödel**

#### **Protective clothing for firefighters - Performance requirements for protective clothing for firefighting**

This European Standard specifies minimum levels of performance requirements for protective clothing to be worn during firefighting operations and associated activities such as e.g. rescue work, assistance during disasters. The described clothing is not meant to protect against deliberate chemical and/or gas cleaning operations.

Keel: en

Alusdokumendid: EN 469:2005/A1:2006

Muudab dokumenti: EVS-EN 469:2006

### **EVS-EN 50598-3:2015**

#### **Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Part 3: Quantitative eco design approach through life cycle assessment including product category rules and the content of environmental declarations**

This part of EN 50598 specifies the process and requirements to implement environmentally conscious product design principles, to evaluate ecodesign performance and to communicate potential environmental impacts for power electronics (e.g. complete drive modules, CDM), power drive systems and motor starters, all used for motor driven equipment in the power range of 0,12 kW up to 1 000 kW and low voltage (up to 1 000 V) applications over the whole life cycle. It defines the content for 2 different environmental declarations based on EN ISO 14021: - The basic version - which, in this context, will be referred to as an environmental declaration type II, with basic data and qualitative statements on ecodesign. - The full version - which, in this context, will be referred to as an environmental declaration type II+, based upon a life cycle assessment and including quantitatively evaluated potential environmental impacts. For that the general principles of EN ISO 14025 are taken into account and product category rules [PCR] for motor system components are included to ensure a harmonized approach. This part of EN 50598 is harmonized with the applicable generic and horizontal environmental standards and contains the additional details relevant in this context for the above mentioned products.

Keel: en

Alusdokumendid: EN 50598-3:2015

### **EVS-EN 54-27:2015**

#### **Fire detection and fire alarms systems - Part 27: Duct smoke detectors**

This European Standard specifies requirements, test methods and performance criteria for fire detectors which detect smoke in air ducts in buildings as a part of a fire detection and fire alarm system or as an actuator for a fire protection system. Duct smoke detectors with special characteristics and developed for specific risks are not covered by this document. NOTE Certain types of detector contain radioactive materials. The national requirements for radiation protection differ from one member state to another and are not specified in this standard.

Keel: en

Alusdokumendid: EN 54-27:2015



### **EVS-EN 60335-2-4:2010/A1:2015**

#### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded pöörlevatele tõmbeventilaatoritele**

#### **Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors**

Amendment to EN 60335-2-4:2010

Keel: en

Alusdokumendid: IEC 60335-2-4:2008/A1:2012; EN 60335-2-4:2010/A1:2015

Muudab dokumenti: EVS-EN 60335-2-4:2010

### **EVS-EN 60839-11-1:2013/AC:2015**

#### **Alarm and electronic security systems - Part 11-1: Electronic access control systems - System and components requirements**

Corrigendum to EN 60839-11-1:2013

Keel: en

Alusdokumendid: EN 60839-11-1:2013/AC:2015

Asendab dokumenti: EVS-EN 60839-11-1:2013/AC:2013

Parandab dokumenti: EVS-EN 60839-11-1:2013

## **17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED**

### **EVS-EN 14462:2015**

#### **Surface treatment equipment - Noise test code for surface treatment equipment including its ancillary handling equipment - Accuracy grades 2 and 3**

This European Standard specifies standardised conditions for the determination, declaration and verification of airborne noise emission of the following surface treatment equipment: machinery for cleaning and pre-treatment of industrial item surfaces (see EN 12921-1, EN 12921-2, EN 12921-3, EN 12921-4); machinery for the supply and/or circulation of coating materials under pressure (see EN 12621, EN 12757-1); atomising and spraying equipment for coating materials (see EN 1953, EN 50050-1, EN 50050-2, EN 50050-3, EN 50059, EN 50176, EN 50177, EN 50348); coating plants (see EN 12215, EN 12581, EN 12981, EN 13355, EN 50223); dryers, ovens and evaporating equipment (see EN 1539); thermal cleaning plants (incinerators) for exhaust gas from surface treatment plants (see EN 12753); dry-ice blasting equipment. For the above surface treatment machinery, this European Standard gives provisions for the determination of emission sound pressure levels at workstations and/or other specified positions and sound power levels. This European Standard specifies noise emission measurement methods, installation/mounting and operation conditions that shall be used for the test. The use of this document ensures the reproducibility of the determination of the noise emission characteristics within specified limits determined by the grade of accuracy of the basic noise emission measurement method used (see Clauses 4 and 5). Noise emission measurement methods allowed by this document are engineering methods (grade 2) and survey methods (grade 3). This European Standard does not apply to machines not explicitly listed in the scope: plating machinery; plasma surface treatment machinery; printing, paper converting and paper making machinery and auxiliary equipment (see EN 13023); abrasive blasting machinery see EN 1265.

Keel: en

Alusdokumendid: EN 14462:2015

Asendab dokumenti: EVS-EN 14462:2005+A1:2009

### **EVS-EN 1793-4:2015**

#### **Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - In situ values of sound diffraction**

This European Standard describes a test method for determining the intrinsic characteristics of sound diffraction of added devices installed on the top of traffic noise reducing devices. The test method prescribes measurements of the sound pressure level at several reference points near the top edge of a noise reducing device with and without the added device installed on its top. The effectiveness of the added device is calculated as the difference between the measured values with and without the added devices, correcting for any change in height (the method described gives the acoustic benefit over a simple barrier of the same height; however, in practice the added device can raise the height and this could provide additional screening depending on the source and receiver positions). The test method is intended for the following applications: • preliminary qualification, outdoors or indoors, of added devices to be installed on noise reducing devices; • determination of sound diffraction index difference of added devices in actual use; • comparison of design specifications with actual performance data after the completion of the construction work; • verification of the long term performance of added devices (with a repeated application of the method); • interactive design process of new products, including the formulation of installation manuals. The test method can be applied both in situ and on samples purposely built to be tested using the method described here. Results are expressed as a function of frequency, in one-third octave bands between 100 Hz and 5 kHz. If it is not possible to get valid measurements results over the whole frequency range indicated, the results shall be given in the restricted frequency range and the reasons of the restriction(s) shall be clearly reported. A single-number rating is calculated from frequency data. For indoors measurements see Annex A.

Keel: en

Alusdokumendid: EN 1793-4:2015

Asendab dokumenti: CEN/TS 1793-4:2003

### **EVS-EN 50500:2008/A1:2015**

#### **Measurement procedures of magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure**

To update reference to EN 50392, EN 62311 and to Directives 2004/40/EC and 2013/35/EC

Keel: en

Alusdokumendid: EN 50500:2008/A1:2015

Muudab dokumenti: EVS-EN 50500:2008

### **EVS-EN 60704-2-5:2005/A1:2015**

#### **Kodumajapidamises ja sarnastes oludes kasutatavate seadmete poolt tekitatava õhumüra määramise katsenormid. Osa 2-5: Erinõuded mahuti tüüpi ruumide soojendamiseks mõeldud küttekehadele**

#### **Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-5: Particular requirements for electric thermal storage room heaters**

Amendment to EN 60704-2-5:2005

Keel: en

Alusdokumendid: EN 60704-2-5:2005/A1:2015; IEC 60704-2-5:2005/A1:2014

Muudab dokumenti: EVS-EN 60704-2-5:2005

### **EVS-EN ISO 23771:2015**

#### **Textile machinery - Guide to the design of textile machinery for reduction of the noise emissions (ISO 23771:2015)**

This International Standard provides technical information on the design of textile machinery with reduced noise emissions. Textile machines with a significant noise hazard are defined in ISO 11111 (all parts). This International Standard supports the technical designer with the development of low-noise textile machinery. For this purpose, the significant sources of noise of the individual types of textile machines and suitable noise control measures are described. Elements needed for the operation of the textile machine, which are, however, not part of the textile machine, are not covered by this International Standard (e.g. elements for transportation of process material, elements for provision of media).

Keel: en

Alusdokumendid: ISO 23771:2015; EN ISO 23771:2015

## **19 KATSETAMINE**

### **EVS-EN 61010-2-081:2015**

#### **Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes**

This part 2 applies to automatic and semi-automatic laboratory equipment for analysis and other purposes. Automatic and semi-automatic laboratory equipment consists of instruments or systems for measuring or modifying one or more characteristics or parameters of samples, performing the complete process or parts of the process without manual intervention. Equipment forming part of such a system is within the scope of this standard. Examples of equipment within the scope of this standard include: - analytical equipment; - automatic sampler (pipettor, aliquoter); - equipment for sample replication and amplification.

Keel: en

Alusdokumendid: EN 61010-2-081:2015; IEC 61010-2-081:2015

Asendab dokumenti: EVS-EN 61010-2-081:2003

Asendab dokumenti: EVS-EN 61010-2-081:2003/A1:2004

### **EVS-EN 62320-3:2015**

#### **Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) -- Part 3: AIS Simplex Repeater Station - Minimum operational and performance requirements, methods of testing and required test results**

This part of IEC 62320 specifies the minimum operational and performance requirements, methods of testing and required test results for AIS repeater stations, compatible with the performance standards adopted by IMO Res. MSC.74 (69), annex 3, Universal AIS. It incorporates the technical characteristics of non-shipborne, fixed station AIS equipment, included in Recommendation ITU-R M.1371 and IALA Recommendation A-124. Where applicable, it also takes into account the ITU Radio Regulations. This standard takes into account other associated IEC International Standards and existing national standards, as applicable. This standard is applicable for AIS repeater stations. It does not include specifications for the display of AIS data on shore.

Keel: en

Alusdokumendid: EN 62320-3:2015; IEC 62320-3:2015

**EVS-EN 14399-1:2015****Eelpingestatud kõrgtugevad ehituslikud poltliited. Osa 1: Üldnõuded**  
**High-strength structural bolting assemblies for preloading - Part 1: General requirements**

This European Standard specifies the general requirements for bolt/nut/washer(s) assemblies for high-strength structural bolting, which are suitable for preloading. The intended use of bolting assemblies in accordance with this European Standard is structural metallic works. NOTE 1 High-strength structural bolting assemblies in accordance with EN 14399-2 to EN 14399-10 are designed to fulfil the requirements of this European Standard. NOTE 2 High-strength structural bolting assemblies are suitable for preloading in accordance with EN 1090-2 in steel structures. High-strength structural bolting assemblies smaller than M12 are not designed to be preloaded. High-strength structural bolting assemblies are not designed to be welded. Railway rail fasteners are not covered by this standard.

Keel: en

Alusdokumendid: EN 14399-1:2015

Asendab dokumenti: EVS-EN 14399-1:2005

**EVS-EN 14399-2:2015****High-strength structural bolting assemblies for preloading - Part 2: Suitability for preloading**

This European Standard specifies the technical requirements for high-strength structural bolting assemblies in order to ensure the suitability for preloading of bolted connections in metallic structures. A suitability test is specified to check the behaviour of the structural bolting assemblies so as to ensure that the required preload can be reliably obtained by the tightening methods specified in EN 1090 2 with sufficient margins against overtightening and against failure.

Keel: en

Alusdokumendid: EN 14399-2:2015

Asendab dokumenti: EVS-EN 14399-2:2005

**EVS-EN 14399-3:2015****High-strength structural bolting assemblies for preloading - Part 3: System HR - Hexagon bolt and nut assemblies**

This European Standard specifies, together with EN 14399 1 and EN 14399 2, the requirements for assemblies of high-strength structural bolts and nuts of system HR suitable for preloaded joints with large widths across flats, thread sizes M12 to M36 and property classes 8.8/8 or 8.8/10 and 10.9/10. Bolting assemblies in accordance with this document have been designed to allow preloading of at least  $0,7 f_{ub} \times A_s$  according to EN 1993 1 8 (Eurocode 3) and to obtain ductility predominantly by plastic elongation of the bolt. For this purpose the components have the following characteristics: - normal nut height (style 1), see EN ISO 4032; - thread length of the bolt according to ISO 888. Bolting assemblies in accordance with this document include washers according to EN 14399 6 or to EN 14399 5 (under the nut only). NOTE Attention is drawn to the importance of ensuring that bolting assemblies are correctly used if satisfactory results are to be obtained. For recommendations concerning proper application, reference to EN 1090-2 is made. General requirements and requirements for suitability for preloading are specified in EN 14399 2. Clamp lengths and grip lengths for the bolting assemblies are specified in the normative Annex A.

Keel: en

Alusdokumendid: EN 14399-3:2015

Asendab dokumenti: EVS-EN 14399-3:2005

**EVS-EN 14399-4:2015****High-strength structural bolting assemblies for preloading - Part 4: System HV - Hexagon bolt and nut assemblies**

This European Standard specifies together with EN 14399 1 and EN 14399 2, the requirements for assemblies of high-strength structural bolts and nuts of system HV suitable for preloaded joints with large widths across flats, thread sizes M12 to M36 and property classes 10.9/10. Bolting assemblies in accordance with this document have been designed to allow preloading of at least  $0,7 f_{ub} \times A_s$  according to EN 1993 1 8 (Eurocode 3) and to obtain ductility predominantly by plastic deformation of the engaged threads. For this purpose the components have the following characteristics: - nut height approximately  $0,8 d$ ; - bolt with short thread length. Bolting assemblies in accordance with this document include washers according to EN 14399 6. NOTE Attention is drawn to the importance of ensuring that the bolting assemblies are correctly used if satisfactory results are to be obtained. For recommendations concerning proper application, reference to EN 1090-2 is made. General requirements and requirements for suitability for preloading are specified in EN 14399 2. Clamp lengths and grip lengths for the bolting assemblies are specified in the normative Annex A.

Keel: en

Alusdokumendid: EN 14399-4:2015

Asendab dokumenti: EVS-EN 14399-4:2005

**EVS-EN 14399-5:2015****High-strength structural bolting assemblies for preloading - Part 5: Plain washers**

This European Standard specifies, together with EN 14399 1 and EN 14399 2, hardened and tempered plain washers intended for bolting assemblies with large series hexagon high-strength structural bolts and nuts with threads from M12 to M36 inclusive. Washers according to this standard can be applied under the nut only. Washers according to this standard are not intended to be used in direct contact with oversized or slotted holes. NOTE Attention is drawn to the importance of ensuring that the washers are

correctly used if satisfactory results are to be obtained. For recommendations concerning proper application, reference to EN 1090-2 is made.

Keel: en

Alusdokumendid: EN 14399-5:2015

Asendab dokumenti: EVS-EN 14399-5:2005

Asendab dokumenti: EVS-EN 14399-5:2005/AC:2013

### **EVS-EN 14399-6:2015**

#### **High-strength structural bolting assemblies for preloading - Part 6: Plain chamfered washers**

This European Standard specifies, together with EN 14399 1 and EN 14399 2, hardened and tempered chamfered plain washers with chamfer intended for bolting assemblies with large series hexagon high-strength structural bolts and nuts with thread sizes from M12 to M36 inclusive. Washers according to this standard are not intended to be used in direct contact with oversized or slotted holes. NOTE Attention is drawn to the importance of ensuring that the washers are correctly used if satisfactory results are to be obtained. For recommendations concerning proper application, reference to EN 1090-2 is made.

Keel: en

Alusdokumendid: EN 14399-6:2015

Asendab dokumenti: EVS-EN 14399-6:2005

Asendab dokumenti: EVS-EN 14399-6:2005/AC:2013

## **23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD**

### **EVS-EN 12972:2015**

#### **Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks**

This European Standard specifies testing, inspection and marking for the type approval, initial inspection, periodic inspection, intermediate inspection and exceptional check of metallic tanks (shell and equipment) of fixed tanks (tank vehicles), demountable tanks, rail tank wagons, portable tanks and tank containers for the transport of dangerous goods. This European Standard is not applicable to battery-vehicles and battery-wagons comprising cylinders, tubes, pressure drums, bundles of cylinders and multiple element gas containers (MEGCs), independent of whether the elements are receptacles or tanks. It is essential that the requirements of the applicable regulations for the transport of dangerous goods prevail in all cases over those of this standard.

Keel: en

Alusdokumendid: EN 12972:2015

Asendab dokumenti: EVS-EN 12972:2007

### **EVS-EN 13765:2010+A1:2015**

#### **Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals - Specification**

This European Standard specifies requirements for four types of thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for carrying hydrocarbons, solvents and chemicals. It specifies bore sizes from 25 mm to 300 mm, working pressures from 4 bar to 14 bar and working temperatures from -30 °C to 150 °C. Type 1 hoses are suitable for vapour applications. Types 2 to 4 hoses are suitable for liquid applications. NOTE 1 The attention of users is drawn to Annex A concerning the selection of the material for the inner wall of layers and any polymeric coating of the internal wire helix related to the chemical(s) to be conveyed by the hoses and/or hose assemblies. NOTE 2 The manufacturer should be consulted where a polymeric coated internal wire is being considered for use with low conductivity hydrocarbons or chemicals. This European Standard does not apply to hoses and hose assemblies for: Aircraft refuelling (EN 1361); Fuel dispensing (EN 1360); Oil burners (EN ISO 6806); Liquefied petroleum gas and liquefied natural gas (EN 13766); Fire fighting (EN ISO 14775); Offshore liquefied natural gas (EN 1474-2); Refrigeration circuits

Keel: en

Alusdokumendid: EN 13765:2010+A1:2015

Asendab dokumenti: EVS-EN 13765:2010

### **EVS-EN 13953:2015**

#### **LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)**

This European Standard specifies the design, testing and marking requirements for spring loaded pressure relief valves, for use in liquefied petroleum gas (LPG) cylinders. These valves can be either an integral part of a cylinder valve (see EN ISO 14245 and EN ISO 15995) or a separate device. This European Standard does not exclude the use of other designs of pressure relief devices that provide a similar level of safety.

Keel: en

Alusdokumendid: prEN 13953 rev:2012; EN 13953:2015

Asendab dokumenti: EVS-EN 13953:2003+A1:2007

### **EVS-EN 14912:2015**

#### **LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders**

This European Standard specifies the requirements for inspection and maintenance of LPG cylinder valves, either manually operated or self-closing, for reuse. It applies when the valve is either inspected or refurbished at the time of periodic inspection of

the cylinder. This European Standard may also be applied at any other time, for example, when maintenance of the valve is necessary.

Keel: en

Alusdokumendid: EN 14912:2015

Asendab dokumenti: EVS-EN 14912:2006

### **EVS-EN ISO 13844:2015**

#### **Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with plastic pipes - Test method for leaktightness under negative pressure, angular deflection and deformation (ISO 13844:2015)**

This International Standard specifies a method for testing the leak tightness under negative pressure, angular deflection, and deformation of assembled joints between elastomeric-sealing-ring-type sockets made of plastic or metal and plastic pressure pipes.

Keel: en

Alusdokumendid: EN ISO 13844:2015; ISO 13844:2015

Asendab dokumenti: EVS-EN ISO 13844:2000

### **EVS-EN ISO 13845:2015**

#### **Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with thermoplastic pressure pipes - Test method for leaktightness under internal pressure and with angular deflection (ISO 13845:2015)**

This International Standard specifies a method for testing the leak tightness under internal pressure with angular deflection of assembled joints between elastomeric-sealing-ring-type sockets made of plastic or metal and plastic pressure pipes.

Keel: en

Alusdokumendid: ISO 13845:2015; EN ISO 13845:2015

Asendab dokumenti: EVS-EN ISO 13845:2000

### **EVS-EN ISO 3459:2015**

#### **Plastic piping systems - Mechanical joints between fittings and pressure pipes - Test method for leaktightness under negative pressure (ISO 3459:2015)**

This International Standard specifies the method of testing for checking the leaktightness of assembled joints (excluding fusion welded joints) between mechanical fittings and thermoplastic pressure pipes. The test applies regardless of the design and material of the fitting used for jointing thermoplastics pipe.

Keel: en

Alusdokumendid: EN ISO 3459:2015; ISO 3459:2015

Asendab dokumenti: EVS-EN 911:1999

### **EVS-EN ISO 3501:2015**

#### **Plastics piping systems - Mechanical joints between fittings and pressure pipes - Test method for resistance to pull-out under constant longitudinal force (ISO 3501:2015)**

This International Standard specifies a method for checking the ability of assembled uniaxial joints between fittings and plastic pressure pipes to withstand longitudinal tensile stresses. The test applies regardless of the design and material of the fitting used for jointing plastics pipe. This test method is not applicable to fusion-welded joints.

Keel: en

Alusdokumendid: ISO 3501:2015; EN ISO 3501:2015

Asendab dokumenti: EVS-EN 712:1999

### **EVS-EN ISO 3503:2015**

#### **Plastics piping systems - Mechanical joints between fittings and pressure pipes - Test method for leaktightness under internal pressure of assemblies subjected to bending (ISO 3503:2015)**

This International Standard specifies a method for checking the leak tightness under internal pressure of assembled joints between mechanical fittings and plastic pressure pipes when subjected to bending. It defines the calculation method for the average bending radius and how to perform this bending. Checking of the leak tightness under internal pressure is carried out in accordance with the method given in ISO 3458. This test method is not applicable to fusion-welded joints.

Keel: en

Alusdokumendid: EN ISO 3503:2015; ISO 3503:2015

Asendab dokumenti: EVS-EN 713:1999

**EVS-EN 14462:2015****Surface treatment equipment - Noise test code for surface treatment equipment including its ancillary handling equipment - Accuracy grades 2 and 3**

This European Standard specifies standardised conditions for the determination, declaration and verification of airborne noise emission of the following surface treatment equipment: machinery for cleaning and pre-treatment of industrial item surfaces (see EN 12921-1, EN 12921-2, EN 12921-3, EN 12921-4); machinery for the supply and/or circulation of coating materials under pressure (see EN 12621, EN 12757-1); atomising and spraying equipment for coating materials (see EN 1953, EN 50050-1, EN 50050-2, EN 50050-3, EN 50059, EN 50176, EN 50177, EN 50348); coating plants (see EN 12215, EN 12581, EN 12981, EN 13355, EN 50223); dryers, ovens and evaporating equipment (see EN 1539); thermal cleaning plants (incinerators) for exhaust gas from surface treatment plants (see EN 12753); dry-ice blasting equipment. For the above surface treatment machinery, this European Standard gives provisions for the determination of emission sound pressure levels at workstations and/or other specified positions and sound power levels. This European Standard specifies noise emission measurement methods, installation/mounting and operation conditions that shall be used for the test. The use of this document ensures the reproducibility of the determination of the noise emission characteristics within specified limits determined by the grade of accuracy of the basic noise emission measurement method used (see Clauses 4 and 5). Noise emission measurement methods allowed by this document are engineering methods (grade 2) and survey methods (grade 3). This European Standard does not apply to machines not explicitly listed in the scope: plating machinery; plasma surface treatment machinery; printing, paper converting and paper making machinery and auxiliary equipment (see EN 13023); abrasive blasting machinery see EN 1265.

Keel: en

Alusdokumendid: EN 14462:2015

Asendab dokumenti: EVS-EN 14462:2005+A1:2009

**EVS-EN ISO 10447:2015****Resistance welding - Testing of welds - Peel and chisel testing of resistance spot and projection welds (ISO 10447:2015)**

This International Standard specifies the procedures and recommended tooling to be used for peel and chisel testing of resistance spot and projection welds. This International Standard applies to welds made in two or more sheets in the thickness range of 0,5 mm to 3,0 mm. The aim of these tests is to determine — weld size and failure type when welds are destructively tested, and — verification of welds by non-destructive chisel tests. NOTE The preferred method of peel testing seam welds (mechanized peel testing) is covered in ISO 14270.

Keel: en

Alusdokumendid: ISO 10447:2015; EN ISO 10447:2015

Asendab dokumenti: EVS-EN ISO 10447:2007

**EVS-EN ISO 14323:2015****Resistance welding - Destructive testing of welds - Specimen dimensions and procedure for impact tensile shear test and cross-tension testing of resistance spot and embossed projection welds (ISO 14323:2015)**

This International Standard specifies specimen dimensions and testing procedures for impact tensile shear and cross-tension testing of resistance spot and embossed projection welds in overlapping sheets, in any metallic material of thickness 0,5 mm to 4 mm.

Keel: en

Alusdokumendid: ISO 14323:2015; EN ISO 14323:2015

Asendab dokumenti: EVS-EN ISO 14323:2006

**EVS-EN ISO 14373:2015****Resistance welding - Procedure for spot welding of uncoated and coated low carbon steels (ISO 14373:2015)**

This International Standard specifies requirements for resistance spot welding in the fabrication of assemblies of uncoated and metallic coated low carbon steel, comprising two or three sheets of metal, where the maximum single sheet thickness of components to be welded is within the range 0,4 mm to 3 mm, for the following materials: — uncoated steels; — hot-dip zinc or iron-zinc alloy (galvannealed) coated steel; — electrolytic zinc, zinc-iron, or zinc-nickel coated steel; — aluminium coated steel; — zinc-aluminium coated steel. This International Standard is applicable to welding of sheets of the same or dissimilar thickness, where the thickness ratio is less than or equal to 3:1. It applies to the welding of three thicknesses, where the total thickness is less than or equal to 9 mm. Welding with the following types of equipment is within the scope of this International Standard: a) pedestal welding equipment; b) gun welders; c) automatic welding equipment where the components are fed by robots or automatic feeding equipment; d) multi welders; e) robotic welders. Information on appropriate welding equipment is given in Annex A, and information on spot welding conditions is given in Annex B. This information is provided for guidance only. Depending on the service conditions of the fabrication, the type of welding equipment, the characteristics of the secondary circuit, the electrode material, and the shape, it is possible that certain modifications are necessary. In such cases, further information can be obtained from the relevant application standard, where one exists. The welding of organic coated or primer coated steels is not within the scope of this International Standard.

Keel: en

Alusdokumendid: ISO 14373:2015; EN ISO 14373:2015

Asendab dokumenti: EVS-EN ISO 14373:2007

## **EVS-EN ISO 23277:2015**

### **Non-destructive testing of welds - Penetrant testing - Acceptance levels (ISO 23277:2015)**

imperfections in metallic welds detected by penetrant testing. The acceptance levels are primarily intended for use during manufacture examination, but where appropriate, they can be used for in-service inspection. The acceptance levels in this International Standard are based on detection capabilities that can be expected when using techniques specified in ISO 3452 series and parameters recommended in Annex A. The acceptance levels can be related to welding standards, application standards, specifications, or codes. Such a relationship is shown in ISO 17635 for ISO 5817 and ISO 10042. Acceptance levels for grouped indications are not covered by this International Standard.

Keel: en

Alusdokumendid: ISO 23277:2015; EN ISO 23277:2015

Asendab dokumenti: EVS-EN ISO 23277:2010

## **EVS-EN ISO 23278:2015**

### **Non-destructive testing of welds - Magnetic particle testing - Acceptance levels (ISO 23278:2015)**

This International Standard specifies acceptance levels for indications from imperfections in ferromagnetic steel welds detected by magnetic particle testing. The acceptance levels are primarily intended for use during manufacture examination. NOTE They can also be used for in-service inspection. The acceptance levels in this International Standard are based on detection capabilities that can be expected when using techniques specified in ISO 17638 and parameters recommended in Annex A. The acceptance levels can be related to welding standards, application standards, specifications or codes. Such a relationship is shown in ISO 17635 for ISO 5817. Acceptance levels for grouped indications are not covered by this International Standard.

Keel: en

Alusdokumendid: ISO 23278:2015; EN ISO 23278:2015

Asendab dokumenti: EVS-EN ISO 23278:2010

## **EVS-EN ISO 4528:2015**

### **Vitreous and porcelain enamel finishes - Guide to selection of test methods for vitreous and porcelain enamelled areas of articles (ISO 4528:2015)**

This International Standard is a guide to the selection of test methods for evaluating the performance of vitreous and porcelain enamelled finishes in different applications. It references the test methods available for measuring the properties of these finishes and correlates these properties to the requirements of specific enamelled articles. It is limited for the most part to test methods that are described in ISO International/European Standards and does not provide acceptance criteria or performance limits for the properties. This International Standard applies to all enamelled articles irrespective of their basis metals.

Keel: en

Alusdokumendid: ISO 4528:2015; EN ISO 4528:2015

Asendab dokumenti: EVS-EN ISO 4528:2009

## **27 ELEKTRI- JA SOOJUSENERGEETIKA**

## **EVS-EN 60904-2:2015**

### **Photovoltaic devices - Part 2: Requirements for photovoltaic reference devices**

IEC 60904-2:2015 is available as IEC Standards+ 60904-2:2015 which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60904-2:2015 gives requirements for the classification, selection, packaging, marking, calibration and care of photovoltaic reference devices. This standard covers photovoltaic reference devices used to determine the electrical performance of photovoltaic cells, modules and arrays under natural and simulated sunlight. The main technical changes with regard to the previous edition are as follows: - addition of a test procedure in simulated sunlight of subsequent measurement of primary and secondary reference device; - definition of standard test conditions; - reduction of allowed diffuse component for secondary reference cell calibration.

Keel: en

Alusdokumendid: IEC 60904-2:2015; EN 60904-2:2015

Asendab dokumenti: EVS-EN 60904-2:2007

## **EVS-EN 60987:2015**

### **Nuclear power plants - Instrumentation and control important to safety - Hardware design requirements for computer-based systems**

Is applicable to computer-system hardware for systems of Class 1 and 2 (as defined by IEC 61513) in nuclear power plants. This new edition reflects recent developments in computer system hardware design, the use of pre-developed hardware and changes in terminology.

Keel: en

Alusdokumendid: IEC 60987:2007; IEC 60987:2007/A1:2013; EN 60987:2015

Asendab dokumenti: EVS-EN 60987:2009

## **EVS-EN 62241:2015**

### **Nuclear power plants - Main control room - Alarm functions and presentation**

Provides the functional requirements for the alarm systems in the main control room of nuclear power plants. Establishes the human factors requirements and the design guidelines for alarm presentation for the main control room of nuclear power plants.

Keel: en

Alusdokumendid: IEC 62241:2004; EN 62241:2015

## **EVS-EN 62790:2015**

### **Junction boxes for photovoltaic modules - Safety requirements and tests**

IEC 62790:2014 describes safety requirements, constructional requirements and tests for junction boxes up to 1 500 V dc for use on photovoltaic modules according to class II of IEC 61140:2001. This standard applies also to enclosures mounted on PV-modules containing electronic circuits for converting, controlling, monitoring or similar operations.

Keel: en

Alusdokumendid: IEC 62790:2014; EN 62790:2015

## **EVS-EN 62817:2015**

### **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: IEC 62817:2014; EN 62817:2015

## **EVS-EN 62852:2015**

### **Connectors for DC-application in photovoltaic systems - Safety requirements and tests**

IEC 62852:2014 applies to connectors for use in the d.c. circuits of photovoltaic systems according to class II of IEC 61140:2001 with rated voltages up to 1 500 V d.c. and rated currents up to 125 A per contact. It applies to connectors without breaking capacity but which might be engaged and disengaged under voltage.

Keel: en

Alusdokumendid: IEC 62852:2014; EN 62852:2015

## **EVS-EN ISO 16995:2015**

### **Solid biofuels - Determination of the water soluble chloride, sodium and potassium content (ISO 16995:2015)**

This International Standard describes a method for the determination of the water soluble chloride, sodium and potassium content in solid biofuels by extraction with water in a closed container and their following quantification by different analytical techniques.

Keel: en

Alusdokumendid: ISO 16995:2015; EN ISO 16995:2015

Asendab dokumenti: EVS-EN 15105:2011

## **29 ELEKTROTEHNIKA**

## **EVS 720:2015**

### **Paigalduskaablid. Polüvinüülkloriidmantliga paigalduskaabel**

#### **Wiring cables - PVC-sheathed wiring cable**

See standard sätestab erinõuded Eesti suhteliselt külmas kliimaoludes kohtkindlalt paigaldatavatele vasksoontega, võrkstruktuur-polüeteen-(XLPE)- või polüvinüülkloriid-(PVC-)isolatsiooni ja polüvinüülkloriidmantliga paigalduskaablitele. Kõik selles standardis käsitletavat kaablid peavad täitma rakendatavuse järgi standardi EVS-EN 50525-1 üldnõudeid ning selle standardi erinõudeid. Selles standardis käsitlevatate kaablite isolatsiooni ja mantli nõutav ehitus ning katsetusmeetodid on sätestatud kohalike kliimaolude põhjal. MÄRKUS Taolisi tooteid nimetatakse ka manteljuhtmeteks.

Keel: et

Asendab dokumenti: EVS 720:2011

## **EVS-EN 50250:2003/A1:2015**

### **Tööstuses kasutatavad muundamisadapтерid**

#### **Conversion adaptors for industrial use**

This standard was amended to correct some references in the annexes.

Keel: en

Alusdokumendid: EN 50250:2002/A1:2015



Muudab dokumenti: EVS-EN 50250:2003

### **EVS-EN 50598-3:2015**

#### **Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Part 3: Quantitative eco design approach through life cycle assessment including product category rules and the content of environmental declarations**

This part of EN 50598 specifies the process and requirements to implement environmentally conscious product design principles, to evaluate ecodesign performance and to communicate potential environmental impacts for power electronics (e.g. complete drive modules, CDM), power drive systems and motor starters, all used for motor driven equipment in the power range of 0,12 kW up to 1 000 kW and low voltage (up to 1 000 V) applications over the whole life cycle. It defines the content for 2 different environmental declarations based on EN ISO 14021: - The basic version - which, in this context, will be referred to as an environmental declaration type II, with basic data and qualitative statements on ecodesign. - The full version - which, in this context, will be referred to as an environmental declaration type II+, based upon a life cycle assessment and including quantitatively evaluated potential environmental impacts. For that the general principles of EN ISO 14025 are taken into account and product category rules [PCR] for motor system components are included to ensure a harmonized approach. This part of EN 50598 is harmonized with the applicable generic and horizontal environmental standards and contains the additional details relevant in this context for the above mentioned products.

Keel: en

Alusdokumendid: EN 50598-3:2015

### **EVS-EN 60127-3:2015**

#### **Väikesulavkaitsmed. Osa 3: Pisisulavpanused Miniature fuses - Part 3: Sub-miniature fuse-links**

This part of IEC 60127 is applicable to sub-miniature fuse-links adapted to printed circuits and used for the protection of electric appliances, electronic equipment and component parts thereof, normally intended to be used indoors. It does not apply to sub-miniature fuse-links for appliances intended to be used under special conditions, such as in a corrosive or explosive atmosphere. This standard applies in addition to the requirements of IEC 60127-1. The object of this standard is to define special and additional test methods for sub-miniature fuse-links applying in addition to the requirements of IEC 60127-1.

Keel: en

Alusdokumendid: EN 60127-3:2015; IEC 60127-3:2015

Asendab dokumenti: EVS-EN 60127-3:2001

Asendab dokumenti: EVS-EN 60127-3:2001/A2:2003

### **EVS-EN 60630:2002/A7:2015**

#### **Maximum lamp outlines for incandescent lamps**

Amendment to EN 60630:1998

Keel: en

Alusdokumendid: IEC 60630:1994/A7:2014; EN 60630:1998/A7:2015

Muudab dokumenti: EVS-EN 60630:2002

### **EVS-EN 60702-1:2003/A1:2015**

#### **Mineraalisolatsiooniga kaablid ja nende klemmliidesed nimipingega mitte üle 750 V. Osa 1: Kaablid**

#### **Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 1: Cables**

Amendment to EN 60702-1:2002

Keel: en

Alusdokumendid: IEC 60702-1:2002/A1:2015; EN 60702-1:2002/A1:2015

Muudab dokumenti: EVS-EN 60702-1:2003

### **EVS-EN 60702-2:2003/A1:2015**

#### **Mineraalisolatsiooniga kaablid ja nende klemmliidesed nimipingega mitte üle 750 V. Osa 2: Klemmliidesed**

#### **Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 2: Terminations**

Amendment to EN 60702-2:2002

Keel: en

Alusdokumendid: IEC 60702-2:2002/A1:2015; EN 60702-2:2002/A1:2015

Muudab dokumenti: EVS-EN 60702-2:2003

### **EVS-EN 60809:2015**

#### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

IEC 60809:2014 is applicable to replaceable and standardised lamps (filament lamps, discharge lamps and LED light sources) to be used in headlamps, fog-lamps and signalling lamps for road vehicles. In some applications, these lamps may be installed as

non-replaceable. This third edition cancels and replaces the second edition (1995), its Amendment 1 (1996), its Amendment 2 (2002), its Amendment 3 (2004), its Amendment 4 (2009) and its Amendment 5 (2012). This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the introduction of requirements for non-replaceable filament lamps; b) the introduction of requirements for LED light sources.

Keel: en

Alusdokumendid: IEC 60809:2014; EN 60809:2015

Asendab dokumenti: EVS-EN 60809:2006

Asendab dokumenti: EVS-EN 60809:2006/A1:2006

Asendab dokumenti: EVS-EN 60809:2006/A2:2006

Asendab dokumenti: EVS-EN 60809:2006/A3:2006

Asendab dokumenti: EVS-EN 60809:2006/A4:2009

Asendab dokumenti: EVS-EN 60809:2006/A5:2012

## **EVS-EN 60810:2015**

### **Lamps for road vehicles - Performance requirements**

IEC 60810:2014 is applicable to lamps (filament lamps, discharge lamps and LED light sources) to be used in headlamps, fog-lamps and signalling lamps for road vehicles. It is especially applicable to those lamps which are listed in IEC 60809. However, the standard may also be used for other lamps falling under the scope of this standard. This fourth edition cancels and replaces the third edition, published in 2003, its Amendments 1 (2008) and 2 (2013). This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) introduction of new gas discharge light sources; b) introduction of requirements for non-replaceable filament lamps; c) introduction of requirements and test conditions for LED packages.

Keel: en

Alusdokumendid: IEC 60810:2014; EN 60810:2015

Asendab dokumenti: EVS-EN 60810:2004

Asendab dokumenti: EVS-EN 60810:2004/A1:2008

Asendab dokumenti: EVS-EN 60810:2004/A2:2013

## **EVS-EN 62246-1:2015**

### **Reed switches - Part 1: Generic specification**

This part of IEC 62246 which is a generic specification applies to all types of reed switches including magnetically biased reed switches of assessed quality for use in general and industrial applications. NOTE 1 Mercury wetted reed switches are not covered by this standard due to their possible environmental impact. It lists the tests and measurement procedures which may be selected for use in detail specifications for such reed switches. This standard applies to reed switches which are operated by an applied magnetic field; it is not restricted to any particular type of contact load. For elementary relays with reed switches, this standard is recommended to be used together with the standards IEC 61810-1, IEC 61811-1 as applicable. For applications of reed switches, this standard is recommended to be used together with specific product standards. NOTE 2 Where any discrepancies occur for any reasons, documents rank in the following order of authority: a) the detail specification, b) the sectional specification, c) the generic specification, d) any other international documents (for example, of the IEC) to which reference is made. The same order of precedence applies to equivalent national documents.

Keel: en

Alusdokumendid: EN 62246-1:2015; IEC 62246-1:2015

Asendab dokumenti: EVS-EN 62246-1:2011

## **EVS-EN 62271-104:2015**

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

This part of IEC 62271 is applicable to three-pole alternating current switches for rated voltages higher than 52 kV, having making and breaking current ratings, for indoor and outdoor installations, and for rated frequencies up to and including 60 Hz. This standard is also applicable to the operating devices of these switches and to their auxiliary equipment. NOTE 1 Switches for gas insulated switchgear are covered by this standard. NOTE 2 Switches having a disconnecting function and called switch-disconnectors are also covered by IEC 62271-102. NOTE 3 Earthing switches are not covered by this standard. Earthing switches forming an integral part of a switch are covered by IEC 62271-102.

Keel: en

Alusdokumendid: EN 62271-104:2015; IEC 62271-104:2015

Asendab dokumenti: EVS-EN 62271-104:2009

## **EVS-EN 62275:2015**

### **Cable management systems - Cable ties for electrical installations**

IEC 62275:2013 specifies requirements for metallic, non-metallic and composite cable ties and their associated fixing devices used for the management and support of wiring systems in electrical installations. This second edition cancels and replaces the first edition published in 2006 and constitutes a technical revision. It incorporates additional tables, an annex and figures as well as revisions to such that appeared in the first edition. In places the text has been substantially altered including: revised and updated normative references, integral cable ties and fixing devices, change in the range of the diameter of the test mandrel, general notes on tests, mechanical properties and associated tests as well as tests for resistance to ultraviolet light and corrosion.

Keel: en

Alusdokumendid: IEC 62275:2013; EN 62275:2015

Asendab dokumenti: EVS-EN 62275:2009

## **EVS-HD 62640:2015**

### **Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses**

IEC 62640:2011 applies to residual current-operated devices (RCD) incorporated in, or specifically intended for use with two pole socket-outlets, with or without earthing contact for household and similar uses (SRCD: socket-outlet residual current devices). SRCDs, according to this standard, are intended to be used in single phase systems such as phase to neutral or phase to phase or phase to earthed middle conductor. SRCDs are only intended to provide additional protection downstream of the SRCD. SRCDs are intended for use in circuits where the fault protection (indirect contact protection) is already assured upstream of the SRCD.

Keel: en

Alusdokumendid: IEC 62640:2011; HD 62640:2015

## **31 ELEKTROONIKA**

## **EVS-EN 61189-5-2:2015**

### **Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-2: General test methods for materials and assemblies - Soldering flux for printed board assemblies**

IEC 61189-5-2:2015 is a catalogue of test methods representing methodologies and procedures that can be applied to test printed board assemblies. This part of IEC 61189 focuses on test methods for soldering flux based on the existing IEC 61189-5 and IEC 61189-6. In addition, it includes test methods of soldering flux for lead free soldering.

Keel: en

Alusdokumendid: IEC 61189-5-2:2015; EN 61189-5-2:2015

## **EVS-EN 61189-5-3:2015**

### **Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-3: General test methods for materials and assemblies - Soldering paste for printed board assemblies**

IEC 61189-5-3:2015 is a catalogue of test methods representing methodologies and procedures that can be applied to test printed board assemblies. This part of IEC 61189 focuses on test methods for soldering paste based on the existing IEC 61189-5 and IEC 61189-6. In addition, it includes test methods of soldering paste for lead free soldering.

Keel: en

Alusdokumendid: IEC 61189-5-3:2015; EN 61189-5-3:2015

## **EVS-EN 61189-5-4:2015**

### **Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-4: General test methods for materials and assemblies - Solder alloys and fluxed and non-fluxed solid wire for printed board assemblies**

IEC 61189-5-4:2015 is a catalogue of test methods representing methodologies and procedures that can be applied to test printed board assemblies. This part of IEC 61189 focuses on test methods for solder alloys, fluxed and non-fluxed solid wire, based on existing IEC 61189-5 and IEC 61189-6. In addition, it includes test methods for solder alloys, fluxed and non-fluxed solid wire, and for lead free soldering.

Keel: en

Alusdokumendid: IEC 61189-5-4:2015; EN 61189-5-4:2015

## **EVS-EN 62813:2015**

### **Lithium ion capacitors for use in electric and electronic equipment - Test methods for electrical characteristics**

IEC 62813:2015 specifies the electrical characteristics (capacitance, internal resistance, discharge accumulated electric energy, and voltage maintenance rate) test methods of lithium ion capacitors (LIC) for use in electric and electronic equipment.

Keel: en

Alusdokumendid: IEC 62813:2015; EN 62813:2015

## **33 SIDETEHNIKA**

## **EVS-EN 60794-3-10:2015**

### **Optical fibre cables - Part 3-10: Outdoor cables - Family specification for duct, directly buried or lashed aerial optical telecommunication cables**

This part of IEC 60794 which is a family specification covers optical telecommunication cables to be used in ducts or direct buried applications. The cable may also be used for lashed aerial applications. Requirements of the sectional specification IEC 60794-3 for duct, buried and aerial cables are applicable to cables covered by this standard.

Keel: en

Alusdokumendid: EN 60794-3-10:2015; IEC 60794-3-10:2015

Asendab dokumenti: EVS-EN 60794-3-10:2009

### **EVS-EN 61169-48:2015**

#### **Radio-Frequency Connectors - Part 48: Sectional Specification For Series Bmp R.F. Coaxial Connectors**

IEC 61169-48:2014, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for series BMP RF coaxial connectors with blind mating, typically for use in 50 Ohms board to board connection. They may also be used with RF cables or micro-strips in microwave, telecommunication, wireless and other fields. Their operating frequency limit is up to 6 GHz. It describes the interface dimensions with gauging information, electrical and mechanical performance including the mandatory tests selected from IEC 61169-1:2013 applicable to all DS relating to type BMP connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers test schedules and inspection requirements.

Keel: en

Alusdokumendid: IEC 61169-48:2014; EN 61169-48:2015

### **EVS-EN 61169-50:2015**

#### **Radio-frequency connectors - Part 50: Sectional specification for RF coaxial connectors with inner diameter of outer conductors 4,11 mm with quick lock system - Characteristic impedance 50 Ohm (type QMA)**

IEC 61169-50:2014, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for type QMA R.F. coaxial connectors with quick lock. The connectors are normally used with 50 Ohms corrugated cable and flexible cables for middle power applications in an operating range up to 6 GHz. It describes the interface dimensions for general purpose connectors with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all detail specifications relative to type QMA connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers all tests schedules and inspection requirements.

Keel: en

Alusdokumendid: IEC 61169-50:2014; EN 61169-50:2015

### **EVS-EN 61300-3-53:2015**

#### **Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-53: Examinations and Measurements - Encircled angular flux (EAF) measurement method based on two-dimensional far field data from step index multimode waveguide (including fibre)**

This part of IEC 61300 series is intended to characterize the encircled angular flux of measurement step index multimode waveguide light sources, in which most of the transverse modes are excited. The term waveguide is understood to include both channel waveguides and optical fibres but not slab waveguides in this document.

Keel: en

Alusdokumendid: EN 61300-3-53:2015; IEC 61300-3-53:2015

### **EVS-EN 61753-031-3:2015**

#### **Fibre optic interconnecting devices and passive components - Performance standard - Part 031-3: Non-connectorized single-mode 1×N and 2×N non-wavelength-selective branching devices for Category U - Uncontrolled environment**

IEC 61753-031-2:2014(E) contains the minimum initial tests and measurement requirements and severities which a non-wavelength selective branching device (NWBD) should satisfy in order to be categorized as meeting the requirement of this IEC standard. The requirements cover balanced bidirectional non-connectorized single-mode 1xN and 2xN non wavelength-selective branching devices for use in an IEC Category C environment (N is the number of branching ports), especially but not exclusively used for PON application. For balanced NWBD two attenuation and uniformity performance classes are considered: - class A (premium class) which meets more restrictive requirements (i.e. for extended reach PON application) and - class B (standard class) for standard application (i.e. normal reach PON application). The requirements also cover unbalanced bidirectional non-connectorized single-mode, non-wavelength-selective branching devices; however, the specifications of unbalanced branching devices are limited to 1x2 and 2x2 devices because they are the most commonly used. Keywords: non-wavelength selective branching device (NWBD), IEC Category C environment

Keel: en

Alusdokumendid: IEC 61753-031-3:2014; EN 61753-031-3:2015

Asendab dokumenti: EVS-EN 61753-031-3:2009

### **EVS-EN 61755-2-4:2015**

#### **Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications**

IEC 61755-2-4:2015(E) defines a set of prescribed conditions that should be maintained in order to satisfy the requirements of non-angled polished reference connections. The prescribed conditions include dimensional limits and optical fibre requirements of the optical interface to meet specific requirements for reference connection (plugs and adaptors) used for attenuation measurements. Two different grades for reference connections are defined in this standard. The use of each of these grades depends on the application and on the targeted attenuation measurement uncertainty. The model uses a Gaussian distribution of light intensity over the specified restricted mode field diameter (MFD) range. This standard is intended to be used for shipping and acceptance inspections. The reference connector plug is specified for B1.1, B1.3 and B6 fibres as specified in IEC 60793-2-50. The use of the reference connector plug would not be recommended where classification of fibre is difficult, for example construction and maintenance of cable plant. Keywords: non-angled polished reference connections, plugs and adaptors, attenuation measurements

Keel: en

Alusdokumendid: IEC 61755-2-4:2015; EN 61755-2-4:2015

### **EVS-EN 61755-2-5:2015**

#### **Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-5: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Angled for reference connection applications**

IEC 61755-2-5:2015(E) defines a set of prescribed conditions that should be maintained in order to satisfy the requirements of angled polished reference connections. The prescribed conditions include dimensional limits and optical fibre requirements of the optical interface to meet specific requirements for reference connection (plugs and adaptors) used for attenuation measurements. Two different grades for reference connections are defined in this standard. The use of each of these grades depends on the application and on the targeted attenuation measurement uncertainty. The model uses a Gaussian distribution of light intensity over the specified restricted mode field diameter (MFD) range. This standard is intended to be used for shipping and acceptance inspections. The reference connector plug is specified for B1.1, B1.3 and B6 fibres as specified in IEC 60793-2-50. The use of the reference connector plug would not be recommended where classification of fibre is difficult, for example construction and maintenance of cable plant. Keywords: angled polished reference connections, plugs and adaptors, attenuation measurements

Keel: en

Alusdokumendid: IEC 61755-2-5:2015; EN 61755-2-5:2015

### **EVS-EN 62343-5-1:2015**

#### **Dynamic modules - Part 5-1: Test methods - Dynamic gain tilt equalizer - Gain tilt settling time measurement**

IEC 62343-5-1:2014(E) contains the measurement method of gain tilt settling time for a dynamic gain tilt equalizer (DGTE) to change its gain tilt from an arbitrary initial value to a desired target value. This second edition cancels and replaces the first edition published in 2009. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: change in the title and changes in performance parameter names. Keywords: dynamic gain tilt equalizer (DGTE)

Keel: en

Alusdokumendid: IEC 62343-5-1:2014; EN 62343-5-1:2015

Asendab dokumenti: EVS-EN 62343-5-1:2009

### **IEC/TR 61000-2-5:2011 et**

#### **Elektromagnetiline ühilduvus. Osa 2-5: Keskkond. Elektromagnetiliste keskkondade kirjeldus ja liigitus**

#### **Electromagnetic compatibility (EMC) - Part 2-5: Environment - Description and classification of electromagnetic environments (IEC/TR 61000-2-5:2011)**

Teadmised ettenähtud talitlusega elektri- ja elektroonikaseadmete ning süsteemide asukoha olemasolevast elektromagnetilisest keskkonnast on elektromagnetilise ühilduvuse saavutamise oluline eeltingimus. Neid teadmisi võib saada erinevate lähenemismoodustega, sealhulgas ettenähtud asukoha uurimise- ja seadmete ja süsteemide tehnilise hindamisega, samuti üldkirjandusest. IEC 61000 see osa — võtab kasutusele häiringuastme mõiste ja määratleb selle igale elektromagnetilisele nähtusele, — kirjeldab nende tunnuseid ja liigitab erinevatesse asukohaklassidesse, — annab antud keskkonna erinevate elektromagnetiliste nähtuste kohta algteavet ja — koostab nende asjakohaste asukohaklasside elektromagnetiliste nähtuste ühilduvusnivoode tabelid. IEC 61000 see osa on ette nähtud juhendina nendele, kes on vastutavad häiringutaluvusnivoote koostamise ja väljatöötamise eest. Andmed on rakendatavad igale elektri- või elektroonikaseadmele, alates süsteemide või süsteemide, mis talitleb antud tehnilise aruandega kehtestatud asukohas. MÄRKUS 1 Tuleb ära märkida, et ettenähtud asukohas kasutatavale seadmele määratletud häiringutaluvusnõuded ja häiringutaluvusnivood ei ole tingimata seotud olemasolevas asukohas ilmneva elektromagnetilise keskkonnaga, vaid ka nõuetega seadmele endale ning rakendustele, kus teda kasutatakse (nt arvestades nõudeid liigipääsetavusele, töökindlusele või ohutusele). Need võivad viia häiringutaluvusnivoode või talitluskriteeriumide seisukohalt rangemate nõueteni. Samuti võib põhieesmärgiks olla ka nende tasemete kehtestamine üld- ja tootestandardites, võttes arvesse statistilisi ja majanduslikke asjaolusid, samuti üldisi kogemusi teatud rakendusalaal. MÄRKUS 2 Üldiselt on elektromagnetilised nähtused esitatud parameetrite ja iseloomulike tunnuste laia ulatusega ning seega ei saa neid üheselt siduda standardiseeritud häiringutaluvuse katsetega, mis põhiliselt kajastavad hästi kirjeldatud katseseadistuse poolt tekitatud elektromagnetilise nähtuse mõju. Siiski järgib see aruanne suunda lähenemise teatud määral elektromagnetilisi nähtuseid ja standarditud häiringutaluvuskatseid. Seega võib antud aruande kasutaja osaliselt arvestada nende standarditud

hääringutaluvuskatsetega, nagu on esitatud näiteks IEC 61000-4 seerias, mis määratleb hääringutaluvusnõuded. EE MÄRKUS Varem väljaantud standardites on termini hääringutaluvus asemel kasutatud terminit hääringukindlus. Neid termineid võib lugeda sünonüümideks. Selles aruandes kirjeldatud elektromagnetilised keskkonnad on peamiselt üldistatud, mis arvestavad läbivaatamisel olevate asukohaklasside tunnusnäitajaid. Seega tuleks meeles pidada, et võib olla asukohti, mis nõuavad vajadusel täpsemaid kirjeldusi, et kohaldada hääringutaluvusnõuded sellele spetsiifilisele asukohale.

Keel: et

Alusdokumendid: IEC/TR 61000-2-5:2011

## 43 MAANTEESÕIDUKITE EHTUS

### EVS-EN 15429-3:2015

#### **Sweepers - Part 3: Efficiency of particulate matter collection - Testing and Evaluation**

This European Standard establishes a method to assess the PM10 and PM2,5 efficiency of road sweepers. PM10 and PM2,5 efficiency includes a sweeper's ability to: - Remove and capture PM10 and PM2,5 particulate matter, and coarse size fractions, from typical urban road surfaces; - Minimize the amount of airborne and entrained PM10 and PM2,5 particulate matter resulting from the sweeping process. The sweeper's ability to remove and capture particulate matter and coarse size fractions is assessed using procedures and equipment to determine the amount of a test material (consisting of particulate matter and coarser size fractions) the sweeper is able to remove from a test surface during a controlled test run. This test measurement is used to calculate the removal efficiency for the sweeper. The sweeper's ability to minimize the amount of airborne and entrained particulate matter is also assessed using procedures and equipment to determine the airborne concentrations of PM10 and PM2,5 resulting from the sweeping of a test material (consisting of particulate matter and coarser size fractions) during a controlled test run. The test measurements are used to calculate PM10 and PM2,5 emission ratings for the sweeper. This test allows the use of dust suppression water. Sweepers configured as flushing machines, or equipped with front-mounted spray bars which are not part of a dust suppression water system are not within the scope of this test. The road sweeper's performance results are reported in a quantitative numerical format that will allow comparative assessments of similarly classified sweepers. This test does not specify pass/fail criteria for the PM10 and PM2,5 efficiency measurements specified in the test procedure. This test is applicable to truck mounted, self-propelled, towed and attached sweeping equipment as defined in EN 15429-1:2007, Clause 2. This test is a model/type test, requiring the sweeper being tested to be representative of all factory production of that particular sweeper model.

Keel: en

Alusdokumendid: EN 15429-3:2015

### EVS-EN 15429-4:2015

#### **Sweepers - Part 4: Symbols for operator controls and other displays**

This European Standard applies to surface cleaning machines for outdoor applications in public areas, roads, airports and industrial complexes. Cleaning machines for winter maintenance and/or indoor applications are not included within the scope of this European Standard. Surface cleaning machines in terms of this standard, are self-propelled, truck mounted, attached sweeping equipment or pedestrian controlled as disclosed in EN 15429-1. Surface cleaning machines by way of their function, have specialized equipment necessary to perform their task. This European Standard deals with graphical symbols uniquely used to indicate the function and status of operator controls and tell-tale displays of the specialized equipment. Common symbols that are included in other standards and applied to a wider range of machines are not included. Typically, symbols in this category that may equally be applied to surface cleaning machines can be found in ISO 2575 Road vehicles – Symbols for controls, indicators and tell-tales, and ISO 6405 Earth moving machinery – Symbols for operator and other displays – Part 1: Common Symbols. This European Standard does not apply to machines or components that are specifically designed for cleaning tramlines and rail tracks. Industrial sweepers, within the scope of EN 60335-2-72 are excluded from this European Standard. This European Standard applies to machines manufactured after the approval date of the standard by CEN.

Keel: en

Alusdokumendid: EN 15429-4:2015

### EVS-EN 50436-2:2014/A1:2015

#### **Alcohol interlocks - Test methods and performance requirements - Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use**

Amendment to EN 50436-2:2014

Keel: en

Alusdokumendid: EN 50436-2:2014/A1:2015

Muudab dokumenti: EVS-EN 50436-2:2014

### EVS-EN 50436-6:2015

#### **Alcohol interlocks - Test methods and performance requirements - Part 6: Data security**

This European Standard specifies security requirements for the protection and handling of event records which are stored in the data memory of breath alcohol controlled alcohol interlocks and which 125 may be downloaded, processed and transferred to supervising persons or organisations. This European Standard is a supplement to EN 50436-1. It has to be selected by the respective jurisdiction whether the present standard has to be applied in addition to EN 50436-1. This European standard may also be used as a supplement to EN 50436-2 if a jurisdiction or a vehicle fleet operator decides that the data security in his preventive application has to have the same high level of requirements as for alcohol interlocks used in drink-driving-offender programmes. This European Standard is mainly directed to test houses, manufacturers for alcohol interlocks, legislating authorities and organisations which handle and use the alcohol interlock event records. In this European Standard, the alcohol interlock consists basically of handset and control unit. Optional accessory devices (e.g. camera, module for data transmission) which are intended to be used in the vehicle shall also be considered to be part of the alcohol interlock, where applicable. The

service application communicates with the alcohol interlock and sends out the event records to a register, either directly or alternatively indirectly through a broker. The scheme is depicted in Figure 1. It also shows which parts are within the scope of this European Standard and which are outside of the scope. This European Standard applies to – the alcohol interlock, – the service application. This European Standard does not apply to – data security of the broker, – data security of the register, – storage of downloaded data, – requirements for organizational processes, for example defining rights of access to the data.

Keel: en

Alusdokumendid: EN 50436-6:2015

## **EVS-EN 60809:2015**

### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

IEC 60809:2014 is applicable to replaceable and standardised lamps (filament lamps, discharge lamps and LED light sources) to be used in headlamps, fog-lamps and signalling lamps for road vehicles. In some applications, these lamps may be installed as non-replaceable. This third edition cancels and replaces the second edition (1995), its Amendment 1 (1996), its Amendment 2 (2002), its Amendment 3 (2004), its Amendment 4 (2009) and its Amendment 5 (2012). This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the introduction of requirements for non-replaceable filament lamps; b) the introduction of requirements for LED light sources.

Keel: en

Alusdokumendid: IEC 60809:2014; EN 60809:2015

Asendab dokumenti: EVS-EN 60809:2006

Asendab dokumenti: EVS-EN 60809:2006/A1:2006

Asendab dokumenti: EVS-EN 60809:2006/A2:2006

Asendab dokumenti: EVS-EN 60809:2006/A3:2006

Asendab dokumenti: EVS-EN 60809:2006/A4:2009

Asendab dokumenti: EVS-EN 60809:2006/A5:2012

## **45 RAUDTEETEHNIKA**

### **EVS-EN 61375-2-5:2015**

#### **Electronic railway equipment - Train communication network (TCN) - Part 2-5: Ethernet train backbone**

IEC 61375-2-5:2014 defines Ethernet Train Backbone (ETB) requirements to fulfil open train data communication system based on Ethernet technology. Respect of this standard ensures interoperability between local Consist subnets whatever Consist network technology (see IEC 61375-1 for more details). All Consist network definitions should take into account this standard to preserve interoperability. This standard may be additionally applicable to closed trains and multiple-unit trains when so agreed between purchaser and supplier.

Keel: en

Alusdokumendid: IEC 61375-2-5:2014; EN 61375-2-5:2015

## **47 LAEVAEHITUS JA MERE-EHITISED**

### **EVS-EN 62320-1:2015**

#### **Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results**

IEC 62320-1:2015(E) specifies the minimum operational and performance requirements, methods of testing and required test results for AIS Base Stations, compatible with the performance standards adopted by IMO Resolution MSC.74 (69), Annex 3, Universal AIS. It incorporates the technical characteristics of non-shipborne, fixed station AIS equipment, included in recommendation ITU-R M.1371 and IALA Recommendation A-124. Where applicable, it also takes into account the ITU Radio Regulations. This standard takes into account other associated IEC international standards and existing national standards, as applicable. This standard is applicable for AIS Base Stations. It does not include specifications for the display of AIS data on shore. This second edition cancels and replaces the first edition published in 2007 and its Amendment 1:2008. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - incorporation of the technical characteristics included in Recommendation ITU R M.1371 5; - the BCE, BCF and CAB sentences replaced with BCG, BCL and RST; - comment blocks replaced with TAG blocks; - scheduled broadcast of Message 26 added; - Message 27 control added; - transmitter intermodulation attenuation harmonised with ITU; - 12,5 kHz channel operation removed; - transmission of Message 24A, Message 25 and Message 26 added; - 90 % channel load test with VSI and TAG blocks enabled added.

Keel: en

Alusdokumendid: IEC 62320-1:2015; EN 62320-1:2015

Asendab dokumenti: EVS-EN 62320-1:2007

Asendab dokumenti: EVS-EN 62320-1:2007/A1:2009

**EVS-EN 13718-2:2015****Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements for air ambulances**

This part of EN 13718 specifies the requirements for performance and equipping for air ambulances, including requirements for interfaces to medical devices used for the transport and treatment of sick or injured persons. This part of EN 13718 is applicable to air ambulances capable of transporting at least one person on a stretcher. NOTE Requirements are specified for categories of air ambulances based on the different intended use. These are the helicopter emergency medical service (HEMS) the helicopter intensive care medical service (HICAMS) and the fixed wing air ambulance (FWAA).

Keel: en

Alusdokumendid: EN 13718-2:2015

Asendab dokumenti: EVS-EN 13718-2:2008

**EVS-EN 3645-003:2015****Aerospace series - Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous - Part 003: Receptacle square flange mounting - Product standard**

This European Standard specifies the characteristics of square flange mounted receptacles in the family of circular electrical connectors with triple start threaded coupling. It applies to models in Table 3. For contacts, sealing plugs and cable outlet accessories associated with this receptacle see EN 3645-002. For plugs and protective covers, see EN 3645-008, EN 3645-011, EN 3645-012 and EN 3645-006 respectively. These connectors are derived from and are interchangeable with those in standard MIL-DTL-38999/20.

Keel: en

Alusdokumendid: EN 3645-003:2015

Asendab dokumenti: EVS-EN 3645-003:2007

**EVS-EN 3645-008:2015****Aerospace series - Connectors, electrical, circular, scoop-proof, triple start threaded coupling operating temperature 175 °C or 200 °C continuous - Part 008: Non release plug with grounding ring - Product standard**

This European Standard specifies the characteristics of plugs with grounding rings in the family of circular, electrical connectors, with triple start threaded coupling. It applies to models in Table 2. For contacts, sealing plugs and cable outlet accessories associated with this plug see EN 3645-002. For receptacles and protective covers, see EN 3645-003, EN 3645-004, EN 3645-005, EN 3645-007, EN 3645-009 and EN 3645-010 respectively. These connectors are derived from and interchangeable with models W, J, K, F, M and Z in specification MIL-DTL-38999/26.

Keel: en

Alusdokumendid: EN 3645-008:2015

Asendab dokumenti: EVS-EN 3645-008:2007

**EVS-EN 6059-308:2015****Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 308: Rapid change of temperature**

This European Standard specifies a method of assessing the behaviour of conductive protection sleeves or conduits after exposure to a rapid change of temperature. It shall be used together with EN 6059-100

Keel: en

Alusdokumendid: EN 6059-308:2014

**EVS-EN 9110:2015****Quality Management Systems - Requirements for Aviation Maintenance Organizations**

This standard includes ISO 9001:2008 quality management system requirements and specifies additional aviation maintenance industry requirements, definitions and notes as shown in bold, italic text. NOTE 1 Baseline aviation maintenance requirements originate from IAQG developed 9100:2009 standard; modifications were made, as required, to address maintenance industry specific requirements. It is emphasized that the requirements specified in this standard are complementary (not alternative) to contractual and applicable statutory and regulatory requirements. Should there be a conflict between the requirements of this standard and applicable statutory or regulatory requirements, the latter shall take precedence. This International Standard specifies requirements for a quality management system where an organization: a. needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and b. aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements. NOTE 2 In this International Standard, the term "product" only applies to: a. product intended for, or required by, a customer, b. any intended output resulting from the product realization processes. NOTE 3 Statutory and regulatory requirements can be expressed as legal requirements.

Keel: en

Alusdokumendid: EN 9110:2015

Asendab dokumenti: EVS-EN 9110:2010



### **CEN/TS 16717:2015**

#### **Surface for sports areas - Method of test for the determination of shock absorption, vertical deformation and energy restitution using the advanced artificial athlete**

This Technical Specification specifies a method of test for measuring the shock absorption, vertical deformation, and energy restitution characteristics of sports surfaces. It is not considered appropriate for rigid sports surfaces that have shock absorbing properties of 10 % FR or less.

Keel: en

Alusdokumendid: CEN/TS 16717:2015

### **EVS-EN ISO 14931:2015**

#### **Leather - Guide to the selection of leather for apparel (excluding furs) (ISO 14931:2015)**

ISO 14931 gives recommended values and related test methods for apparel leather excluding furs. This document also specifies the sampling and conditioning procedures of laboratory samples.

Keel: en

Alusdokumendid: EN ISO 14931:2015; ISO 14931:2015

Asendab dokumenti: EVS-EN ISO 14931:2005

### **EVS-EN ISO 17070:2015**

#### **Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (ISO 17070:2015)**

This International Standard specifies a method for determining the content of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers, and pentachlorophenol, its salts, and esters in leather. NOTE Bromophenol isomers can also be determined using this method.

Keel: en

Alusdokumendid: ISO 17070:2015; EN ISO 17070:2015

Asendab dokumenti: EVS-EN ISO 17070:2006

### **EVS-EN ISO 17228:2015**

#### **Leather - Tests for colour fastness - Change in colour with accelerated ageing (ISO 17228:2015)**

This standard specifies a method for the determination of change in colour with accelerated ageing

Keel: en

Alusdokumendid: ISO 17228:2015; EN ISO 17228:2015

Asendab dokumenti: EVS-EN ISO 17228:2006

### **EVS-EN ISO 18103:2015**

#### **Superfine woven wool fabric labelling - Requirements for Super S code definition (ISO 18103:2015)**

This International Standard defines the requirements of the "Super S" labelling code for finished woven fabric made from pure virgin wool and the test method to determine this.

Keel: en

Alusdokumendid: ISO 18103:2015; EN ISO 18103:2015

Asendab dokumenti: CWA 16336:2011

### **EVS-EN ISO 23771:2015**

#### **Textile machinery - Guide to the design of textile machinery for reduction of the noise emissions (ISO 23771:2015)**

This International Standard provides technical information on the design of textile machinery with reduced noise emissions. Textile machines with a significant noise hazard are defined in ISO 11111 (all parts). This International Standard supports the technical designer with the development of low-noise textile machinery. For this purpose, the significant sources of noise of the individual types of textile machines and suitable noise control measures are described. Elements needed for the operation of the textile machine, which are, however, not part of the textile machine, are not covered by this International Standard (e.g. elements for transportation of process material, elements for provision of media).

Keel: en

Alusdokumendid: ISO 23771:2015; EN ISO 23771:2015

**EVS-EN ISO 16122-1:2015****Pöllumajandus- ja metsatöomasinad. Kasutusel olevate pritside kontrollimine. Osa 1: Üldine  
Agricultural and forestry machinery - Inspection of sprayers in use - Part 1: General (ISO 16122-1:2015)**

This International Standard applies to all types of machinery for pesticide application applicators used in agriculture, horticulture, forestry and other areas. ISO 16122 specifies the requirements and test methods for the inspection of machines in use. It relates mainly to the condition of the machine with respect to its potential risk for the environment and its performance to achieve a good application. This part of ISO 16122 defines the general requirements to be fulfilled. The specific requirements to the different types of machines are defined in the relevant specific parts. The scope of each specific part is defined in Annex A, normative. It also includes minimum safety requirements dealing with the operator's safety during inspection.

Keel: en

Alusdokumendid: ISO 16122-1:2015; EN ISO 16122-1:2015

**EVS-EN ISO 16122-2:2015****Pöllumajandus- ja metsatöomasinad. Kasutusel olevate pritside kontrollimine. Osa 2:  
Horisontaalpoomiga pritsid  
Agricultural and forestry machinery - Inspection of sprayers in use - Part 2: Horizontal boom  
sprayers (ISO 16122-2:2015)**

This European Standard specifies the requirements and methods of their verification for the inspection of field crop sprayers in use. It relates mainly to the condition of the sprayer in respect of safety hazards for the test operator, the potential risk of environmental contamination and opportunities to achieve good application.

Keel: en

Alusdokumendid: ISO 16122-2:2015; EN ISO 16122-2:2015

Asendab dokumenti: EVS-EN 13790-1:2005

**EVS-EN ISO 16122-3:2015****Pöllumajandus- ja metsatöomasinad. Kasutusel olevate pritside kontrollimine. Osa 3: Pritsid  
pöösaste ja puude viljadele  
Agricultural and forestry machinery - Inspection of sprayers in use - Part 3: Sprayers for bush  
and tree crops (ISO 16122-3:2015)**

This European Standard specifies the requirements and methods of their verification for the inspection of air-assisted sprayers for bush and tree crops in use. It relates mainly to the condition of the sprayer in respect of safety hazards for the test operator, the potential risk of environmental contamination and opportunities to achieve good application.

Keel: en

Alusdokumendid: ISO 16122-3:2015; EN ISO 16122-3:2015

Asendab dokumenti: EVS-EN 13790-2:2006

**EVS-EN ISO 16122-4:2015****Pöllumajandus- ja metsatöomasinad. Kasutusel olevate pritside kontrollimine. Osa 4:  
Statsionaarsed ja osaliselt liikuvad pritsid  
Agricultural and forestry machines - Inspection of sprayers in use - Part 4: Fixed and semi-  
mobile sprayers (ISO 16122-4:2015)**

This International Standard, to be used with ISO 16122-1, specifies the requirements and methods for their verification for the inspection of fixed and semi-mobile sprayers in use. It relates mainly to the condition of the sprayer in respect of the potential risk of environmental contamination and opportunities to achieve good application.

Keel: en

Alusdokumendid: ISO 16122-4:2015; EN ISO 16122-4:2015

**CEN/TS 12404:2015****Durability of wood and wood-based products - Assessment of the effectiveness of a masonry  
fungicide to prevent growth into wood of Dry Rot Serpula lacrymans (Schumacher ex Fries)  
S.F. Gray - Laboratory method**

This European prestandard specifies a method for determining the performance of a preservative, applied to the upper surface of the mortar test specimens, in preventing the growth of dry rot through the treated mortar when exposed to the tests fungus. This method is only applicable to masonry fungicides applied as a true solution of the preservative in water or as a water-borne liquid emulsion-type preservative.

Keel: en

Alusdokumendid: CEN/TS 12404:2015

### **EVS-EN 1018:2013+A1:2015**

#### **Chemicals used for treatment of water intended for human consumption - Calcium carbonate**

This European Standard is applicable to calcium carbonate used for treatment of water intended for human consumption. It describes the characteristics of calcium carbonate and specifies the requirements and the corresponding test methods for calcium carbonate. It gives information on its use in water treatment.

Keel: en

Alusdokumendid: EN 1018:2013+A1:2015

Asendab dokumenti: EVS-EN 1018:2013

### **EVS-EN 12876:2015**

#### **Chemicals used for treatment of water intended for human consumption - Oxygen**

This European Standard is applicable to oxygen used for treatment of water intended for human consumption. It describes the characteristics of oxygen and specifies the requirements and the corresponding test methods for oxygen. It gives information on its use in water treatment.

Keel: en

Alusdokumendid: EN 12876:2015

Asendab dokumenti: EVS-EN 12876:2009

### **EVS-EN 12926:2015**

#### **Chemicals used for treatment of water intended for human consumption - Sodium peroxodisulfate**

This European Standard is applicable to sodium peroxodisulfate used for treatment of water intended for human consumption. It describes the characteristics of sodium peroxodisulfate and specifies the requirements and the corresponding test methods for sodium peroxodisulfate. It gives information on its use in water treatment.

Keel: en

Alusdokumendid: EN 12926:2015

Asendab dokumenti: EVS-EN 12926:2008

### **EVS-EN 13176:2015**

#### **Chemicals used for treatment of water intended for human consumption - Ethanol**

This European Standard is applicable to synthetic ethanol used for treatment of water intended for human consumption. It describes the characteristics of synthetic ethanol and specifies the requirements and the corresponding test methods for synthetic ethanol. It gives information on its use in water treatment. NOTE This European Standard does not apply to anhydrous ethanol which is not used for drinking water treatment.

Keel: en

Alusdokumendid: EN 13176:2015

Asendab dokumenti: EVS-EN 13176:2008

### **EVS-EN 13194:2015**

#### **Chemicals used for treatment of water intended for human consumption - Acetic Acid**

This European Standard is applicable to acetic acid used for treatment of water intended for human consumption. It describes the characteristics of acetic acid and specifies the requirements and the corresponding test methods for acetic acid. It gives information on its use in water treatment.

Keel: en

Alusdokumendid: EN 13194:2015

Asendab dokumenti: EVS-EN 13194:2008

### **EVS-EN 15030:2012+A1:2015**

#### **Chemicals used for treatment of water intended for human consumption - Silver salts for intermittent use**

This European Standard is applicable to silver nitrate and silver sulfate and silver chloride for the preservation of water intended for human consumption in intermittent applications in: - water supply plants, including their pipeline networks (small-size plants); - water for the preparation of foodstuffs; - water which is stored in packaged form or kept in enclosed systems (for example, water supply systems in land, water and airborne vehicles). The purpose of adding silver salts is to prevent the detrimental proliferation of microorganisms in water during storage or in enclosed supply systems. This European Standard describes the characteristics of silver salts, specifies the requirements for silver salts and gives reference to the analytical methods. It gives information on their use in water treatment. It also determines the rules relating to safe handling and use of silver salts (see Annex B).

Keel: en

Alusdokumendid: EN 15030:2012+A1:2015

Asendab dokumenti: EVS-EN 15030:2012

### **EVS-EN 50436-2:2014/A1:2015**

#### **Alcohol interlocks - Test methods and performance requirements - Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use**

Amendment to EN 50436-2:2014

Keel: en

Alusdokumendid: EN 50436-2:2014/A1:2015

Muudab dokumenti: EVS-EN 50436-2:2014

### **EVS-EN 50436-6:2015**

#### **Alcohol interlocks - Test methods and performance requirements - Part 6: Data security**

This European Standard specifies security requirements for the protection and handling of event records which are stored in the data memory of breath alcohol controlled alcohol interlocks and which 125 may be downloaded, processed and transferred to supervising persons or organisations. This European Standard is a supplement to EN 50436-1. It has to be selected by the respective jurisdiction whether the present standard has to be applied in addition to EN 50436-1. This European standard may also be used as a supplement to EN 50436-2 if a jurisdiction or a vehicle fleet operator decides that the data security in his preventive application has to have the same high level of requirements as for alcohol interlocks used in drink-driving-offender programmes. This European Standard is mainly directed to test houses, manufacturers for alcohol interlocks, legislating authorities and organisations which handle and use the alcohol interlock event records. In this European Standard, the alcohol interlock consists basically of handset and control unit. Optional accessory devices (e.g. camera, module for data transmission) which are intended to be used in the vehicle shall also be considered to be part of the alcohol interlock, where applicable. The service application communicates with the alcohol interlock and sends out the event records to a register, either directly or alternatively indirectly through a broker. The scheme is depicted in Figure 1. It also shows which parts are within the scope of this European Standard and which are outside of the scope. This European Standard applies to – the alcohol interlock, – the service application. This European Standard does not apply to – data security of the broker, – data security of the register, – storage of downloaded data, – requirements for organizational processes, for example defining rights of access to the data.

Keel: en

Alusdokumendid: EN 50436-6:2015

### **EVS-EN 61010-2-081:2015**

#### **Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes**

This part 2 applies to automatic and semi-automatic laboratory equipment for analysis and other purposes. Automatic and semi-automatic laboratory equipment consists of instruments or systems for measuring or modifying one or more characteristics or parameters of samples, performing the complete process or parts of the process without manual intervention. Equipment forming part of such a system is within the scope of this standard. Examples of equipment within the scope of this standard include: - analytical equipment; - automatic sampler (pipettor, aliquoter); - equipment for sample replication and amplification.

Keel: en

Alusdokumendid: EN 61010-2-081:2015; IEC 61010-2-081:2015

Asendab dokumenti: EVS-EN 61010-2-081:2003

Asendab dokumenti: EVS-EN 61010-2-081:2003/A1:2004

### **EVS-EN ISO 10439-1:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 1: General requirements (ISO 10439-1:2015)**

This International Standard specifies minimum requirements and gives recommendations for axial compressors, single-shaft, and integrally geared process centrifugal compressors, and expander-compressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies general requirements applicable to all such machines. This International Standard does not apply to fans (these are covered by API 673) or blowers that develop less than 34 kPa (5 psi) pressure rise above atmospheric pressure. This International Standard also does not apply to packaged, integrally geared centrifugal plant, and instrument air compressors, which are covered by API 672. Hot gas expanders over 300 °C (570 °F) are not covered by this International Standard. This part of ISO 10439 contains information pertinent to all equipment covered by the other parts of ISO 10439. It shall be used in conjunction with the following parts of ISO 10439, as applicable to the specific equipment covered: — ISO 10439-2; — ISO 10439-3; — ISO 10439-4.

Keel: en

Alusdokumendid: ISO 10439-1:2015; EN ISO 10439-1:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 10439-2:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 2: Non-integrally geared centrifugal and axial compressors (ISO 10439-2:2015)**

This part of ISO 10439 specifies minimum requirements and gives recommendations for axial compressors, single-shaft, and integrally geared process centrifugal compressors and expander-compressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies requirements for non-integrally geared centrifugal and axial compressors, in addition to the general requirements specified in ISO 10439-1. These

machines do not have gears integral with their casing but can have external gears. NOTE See ISO 10439-3 for integrally geared process compressors, or API 672 for packaged plant instrument air compressors.

Keel: en

Alusdokumendid: ISO 10439-2:2015; EN ISO 10439-2:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 10439-3:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 3: Integrally geared centrifugal compressors (ISO 10439-3:2015)**

This part of ISO 10439 specifies minimum requirements and gives recommendations for axial compressors, single-shaft and integrally geared process centrifugal compressors, and expandercompressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies integrally geared centrifugal compressors in conjunction with ISO 10439-1. NOTE 1 See API 672 for packaged plant instrument air compressors. NOTE 2 Expander stages are sometimes provided on these machines.

Keel: en

Alusdokumendid: ISO 10439-3:2015; EN ISO 10439-3:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 10439-4:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 4: Expander-compressors(ISO 10439-4:2015)**

This part of ISO 10439 specifies minimum requirements and gives recommendations for axial compressors, single-shaft, and integrally geared process centrifugal compressors and expander-compressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies requirements for expander-compressors, in addition to the general requirements specified in ISO 10439-1:2015. This scope covers only expanders and compressors on a common shaft (expander-compressor). This scope does not apply to expanders with separate output shafts (e.g. generator drives). Hot gas expanders over 300 °C (570 °F) are not covered in this part of ISO 10439.

Keel: en

Alusdokumendid: ISO 10439-4:2015; EN ISO 10439-4:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 6141:2015**

#### **Gas analysis - Contents of certificates for calibration gas mixtures (ISO 6141:2015)**

This International Standard specifies minimum requirements for the contents of certificates for homogeneous gas mixtures in gas cylinders to be used as calibration gas mixtures. Pure gases, when used as calibration gas mixtures, are also covered by this International Standard. Gases and gas mixtures produced for other purposes are not considered. The requirements in this International Standard deal with the metrological aspects of calibration gas mixtures. Other aspects, such as safety and legislative aspects, are not covered. Furthermore, it specifies additional information (optional data) recommended for describing a homogeneous gas mixture, supplied under pressure in a cylinder or other container. It does not cover the field of safety-relevant data and related labelling.

Keel: en

Alusdokumendid: ISO 6141:2015; EN ISO 6141:2015

Asendab dokumenti: EVS-EN ISO 6141:2006

## **75 NAFTA JA NAFTATEHNOLOOGIA**

### **EVS-EN ISO 10439-1:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 1: General requirements (ISO 10439-1:2015)**

This International Standard specifies minimum requirements and gives recommendations for axial compressors, single-shaft, and integrally geared process centrifugal compressors, and expandercompressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies general requirements applicable to all such machines. This International Standard does not apply to fans (these are covered by API 673) or blowers that develop less than 34 kPa (5 psi) pressure rise above atmospheric pressure. This International Standard also does not apply to packaged, integrally geared centrifugal plant, and instrument air compressors, which are covered by API 672. Hot gas expanders over 300 °C (570 °F) are not covered by this International Standard. This part of ISO 10439 contains information pertinent to all equipment covered by the other parts of ISO 10439. It shall be used in conjunction with the following parts of ISO 10439, as applicable to the specific equipment covered: — ISO 10439-2; — ISO 10439-3; — ISO 10439-4.

Keel: en

Alusdokumendid: ISO 10439-1:2015; EN ISO 10439-1:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 10439-2:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 2: Non-integrally geared centrifugal and axial compressors (ISO 10439-2:2015)**

This part of ISO 10439 specifies minimum requirements and gives recommendations for axial compressors, single-shaft, and integrally geared process centrifugal compressors and expander-compressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies requirements for non-integrally geared centrifugal and axial compressors, in addition to the general requirements specified in ISO 10439-1. These machines do not have gears integral with their casing but can have external gears. NOTE See ISO 10439-3 for integrally geared process compressors, or API 672 for packaged plant instrument air compressors.

Keel: en

Alusdokumendid: ISO 10439-2:2015; EN ISO 10439-2:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 10439-3:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 3: Integrally geared centrifugal compressors (ISO 10439-3:2015)**

This part of ISO 10439 specifies minimum requirements and gives recommendations for axial compressors, single-shaft and integrally geared process centrifugal compressors, and expander-compressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies integrally geared centrifugal compressors in conjunction with ISO 10439-1. NOTE 1 See API 672 for packaged plant instrument air compressors. NOTE 2 Expander stages are sometimes provided on these machines.

Keel: en

Alusdokumendid: ISO 10439-3:2015; EN ISO 10439-3:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 10439-4:2015**

#### **Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 4: Expander-compressors (ISO 10439-4:2015)**

This part of ISO 10439 specifies minimum requirements and gives recommendations for axial compressors, single-shaft, and integrally geared process centrifugal compressors and expander-compressors for special purpose applications that handle gas or process air in the petroleum, petrochemical, and natural gas industries. This part of ISO 10439 specifies requirements for expander-compressors, in addition to the general requirements specified in ISO 10439-1:2015. This scope covers only expanders and compressors on a common shaft (expander-compressor). This scope does not apply to expanders with separate output shafts (e.g. generator drives). Hot gas expanders over 300 °C (570 °F) are not covered in this part of ISO 10439.

Keel: en

Alusdokumendid: ISO 10439-4:2015; EN ISO 10439-4:2015

Asendab dokumenti: EVS-EN ISO 10439:2003

### **EVS-EN ISO 16995:2015**

#### **Solid biofuels - Determination of the water soluble chloride, sodium and potassium content (ISO 16995:2015)**

This International Standard describes a method for the determination of the water soluble chloride, sodium and potassium content in solid biofuels by extraction with water in a closed container and their following quantification by different analytical techniques.

Keel: en

Alusdokumendid: ISO 16995:2015; EN ISO 16995:2015

Asendab dokumenti: EVS-EN 15105:2011

### **EVS-EN ISO 3679:2015**

#### **Determination of flash no-flash and flash point - Rapid equilibrium closed cup method (ISO 3679:2015)**

This International Standard specifies procedures for flash point tests, within the temperature range of -30 °C to 300 °C, for paints, including water-borne paints, varnishes, binders for paints and varnishes, adhesives, solvents, petroleum, and related products. The procedures are used to determine whether a product will or will not flash at a specified temperature (flash no-flash Procedure A) or the flash point of a sample (Procedure B). When used in conjunction with the flash detector (A.1.6), this International Standard is also suitable to determine the flash point of fatty acid methyl esters (FAME).

Keel: en

Alusdokumendid: ISO 3679:2015; EN ISO 3679:2015

Asendab dokumenti: EVS-EN ISO 3679:2004

Asendab dokumenti: EVS-EN ISO 3680:2004

## **77 METALLURGIA**

### **EVS-EN 1559-4:2015**

#### **Founding - Technical conditions of delivery - Part 4: Additional requirements for aluminium alloy castings**

This part of EN 1559 specifies the additional technical delivery conditions for aluminium alloy castings unless other conditions have been agreed at the time of enquiry and order. This standard retains the same structure and numbering system as used in

EN 1559-1 and repeats the numbering of clauses and sub clauses even if nothing extra or different has been added. It also indicates items specific to aluminium alloy castings under existing or new headings.

Keel: en

Alusdokumendid: EN 1559-4:2015

Asendab dokumenti: EVS-EN 1559-4:2000

### **EVS-EN ISO 6508-1:2015**

#### **Metallic materials - Rockwell hardness test - Part 1: Test method (ISO 6508-1:2015)**

This part of ISO 6508 specifies the method for Rockwell regular and Rockwell superficial hardness tests (scales and applicable range of application according to Table 1) for metallic materials and is applicable to stationary and portable hardness testing machines. For specific materials and/or products, other specific International Standards apply (for instance, ISO 3738-1 and ISO 4498). NOTE Attention is drawn to the fact that the use of tungsten carbide composite for ball indenters is considered to be the standard type of Rockwell indenter ball. Steel indenter balls are allowed to continue to be used only when complying with Annex A.

Keel: en

Alusdokumendid: ISO 6508-1:2015; EN ISO 6508-1:2015

Asendab dokumenti: EVS-EN ISO 6508-1:2006

### **EVS-EN ISO 6508-2:2015**

#### **Metallic materials - Rockwell hardness test - Part 2: Verification and calibration of testing machines and indenters (ISO 6508-2:2015)**

This part of ISO 6508 specifies two separate methods of verification of testing machines (direct and indirect) for determining Rockwell hardness in accordance with ISO 6508-1:2015, together with a method for verifying Rockwell hardness indenters. The direct verification method is used to determine whether the main parameters associated with the machine function, such as applied force, depth measurement, and testing cycle timing, fall within specified tolerances. The indirect verification method uses a number of calibrated reference hardness blocks to determine how well the machine can measure a material of known hardness. The indirect method may be used on its own for periodic routine checking of the machine in service. If a testing machine is also to be used for other methods of hardness testing, it shall be verified independently for each method. This part of ISO 6508 is applicable to stationary and portable hardness testing machines. Attention is drawn to the fact that the use of tungsten carbide composite for ball indenters is considered to be the standard type of Rockwell indenter ball. Steel indenter balls may continue to be used only when complying with ISO 6508-1:2015, Annex A.

Keel: en

Alusdokumendid: ISO 6508-2:2015; EN ISO 6508-2:2015

Asendab dokumenti: EVS-EN ISO 6508-2:2006

### **EVS-EN ISO 6508-3:2015**

#### **Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks (ISO 6508-3:2015)**

This part of ISO 6508 specifies a method for the calibration of reference blocks to be used for the indirect and daily verification of Rockwell hardness testing machines, as specified in ISO 6508-2:2015. Attention is drawn to the fact that the use of hard metal for ball indenters is considered to be the standard type of Rockwell indenter ball. Steel indenter balls can be used only when complying with ISO 6508-1:2015, Annex A.

Keel: en

Alusdokumendid: ISO 6508-3:2015; EN ISO 6508-3:2015

Asendab dokumenti: EVS-EN ISO 6508-3:2006

## **83 KUMMI- JA PLASTITÖÖSTUS**

### **EVS-EN 16153:2013+A1:2015**

#### **Valgust läbilaskvad tasapinnalised mitmekihilised polükarbonaat(PK)plaadid kasutamiseks katustes, seintes ja lagedes nii sise- kui välistingimustes. Nõuded ja katsemeetodid Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings - Requirements and test methods**

This European Standard specifies the requirements for light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in walls, roofs and ceilings. This European Standard applies to light transmitting flat extruded multiwall PC sheets with or without functional layers (e.g. coating, co-extruded layer) made from PC-based or other materials, without filling materials. It also specifies the test methods needed for the evaluation of conformity and marking of the sheets.

Keel: en

Alusdokumendid: EN 16153:2013+A1:2015

Asendab dokumenti: EVS-EN 16153:2013

### **EVS-EN ISO 1628-5:2015**

#### **Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 5: Thermoplastic polyester (TP) homopolymers and copolymers (ISO 1628-5:1998)**

This part of ISO 1628 specifies a method for the determination of the viscosity number (also referred to as "reduced viscosity") of dilute solutions of thermoplastic polyesters (TPs) in certain specified solvents. The method is applicable to poly(ethylene terephthalate) (PET), poly(butylene terephthalate) (PBT), poly- (cyclohexylenedimethylene terephthalate) (PCT), and poly(ethylene naphthalate) (PEN), as well as to copolyesters and other polyesters, defined in ISO 7792-1, that are soluble in one of the specified solvents under the specified conditions. The viscosity number is determined by the general procedure specified in ISO 1628-1, observing the particular conditions specified in this part of ISO 1628. The determination of the viscosity number of a thermoplastic polyester provides a measure of the relative molecular mass of the polymer.

Keel: en

Alusdokumendid: ISO 1628-5:1998; EN ISO 1628-5:2015

### **EVS-EN ISO 16396-1:2015**

#### **Plastics - Polyamide (PA) moulding and extrusion materials - Part 1: Designation system, marking of products and basis for specifications (ISO 16396-1:2015)**

This part of ISO 16396 establishes a system of designation for polyamide (PA) moulding and extrusion materials, which can be used as the basis for specifications. The types of polyamide plastics are differentiated from each other by a classification system based on appropriate levels of the designatory properties a) viscosity number and b) tensile modulus of elasticity and on information about composition, intended application and/or method of processing, important properties, additives, colorants, fillers, and reinforcing materials. The designation system is applicable to all polyamide homopolymers, copolymers, and blends. It applies to unmodified materials ready for normal use and materials modified, for example, by colorants, additives, fillers, reinforcing materials, and polymer modifiers.

Keel: en

Alusdokumendid: ISO 16396-1:2015; EN ISO 16396-1:2015

Asendab dokumenti: EVS-EN ISO 1874-1:2010

### **EVS-EN ISO 19069-1:2015**

#### **Plastid. Polüpropüleenist (PP) vormimis- ja ekstrusioonimaterjalid. Osa 1: Tähistussüsteem ja tehniliste andmete alused**

#### **Plastics - Polypropylene (PP) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 19069-1:2015)**

1.1 This part of ISO 19069 establishes a system of designation for polypropylene (PP) thermoplastic material, which may be used as the basis for specifications. 1.2 The types of polypropylene plastics are differentiated from each other by a classification system based on appropriate levels of the designatory properties a) tensile modulus of elasticity b) impact strength c) melt mass-flow rate (MFR) and on information about basic polymer parameters, intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials. 1.3 This part of ISO 19069 is applicable to all polypropylene homopolymers and to copolymers of propylene with a content of other 1-olefinic of less than 50 % (m/m), as well as blends of polymers containing at least 50 % (m/m) of aforementioned polymers. It applies to materials ready for normal use in the form of powder, granules or pellets and to materials unmodified or modified by colorants, additives, fillers, etc. This part of ISO 19069 does not apply to propylene-based rubber. 1.4 It is not intended to imply that materials having the same designation give necessarily the same performance. This part of ISO 19069 does not provide engineering data, performance data or data on processing conditions which may be required to specify a material for a particular application and/or method of processing. If such additional properties are required, they shall be determined in accordance with the test methods specified in part 2 of this International Standard, if suitable. 1.5 In order to specify a thermoplastic material for a particular application or to ensure reproducible processing, additional requirements may be given in data block 5 (see clause 3, introductory paragraph).

Keel: en

Alusdokumendid: EN ISO 19069-1:2015; ISO 19069-1:2015

Asendab dokumenti: EVS-EN ISO 1873-1:2000

### **EVS-EN ISO 22007-6:2015**

#### **Plastics - Determination of thermal conductivity and thermal diffusivity - Part 6: Comparative method for low thermal conductivities using a temperature-modulation technique (ISO 22007-6:2014)**

This part of ISO 22007 specifies a modulated temperature method realizing the measurement of thermal conductivity. An input of temperature deviation is less than 1 K, and a double lock-in method is applied to amplify the small temperature modulation.

Keel: en

Alusdokumendid: ISO 22007-6:2014; EN ISO 22007-6:2015

### **EVS-EN ISO 28017:2011/A1:2015**

#### **Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications - Specification - Amendment 1 (ISO 28017:2011/Amd 1:2015)**

Amendment to EN ISO 28017:2011

Keel: en

Alusdokumendid: ISO 28017:2011/Amd 1:2015; EN ISO 28017:2011/A1:2015

Muudab dokumenti: EVS-EN ISO 28017:2011



### **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)**

No scope available

Keel: en

Alusdokumendid: ISO 899-1:2003/Amd 1:2015; EN ISO 899-1:2003/A1:2015

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

### **EVS-EN ISO 899-2:2004/A1:2015**

#### **Plastics - Determination of creep behaviour - Part 2: Flexural creep by three-point loading - Amendment 1 (ISO 899-2:2003/Amd 1:2015)**

No scope available

Keel: en

Alusdokumendid: ISO 899-2:2003/Amd 1:2015; EN ISO 899-2:2003/A1:2015

Muudab dokumenti: EVS-EN ISO 899-2:2004

### **EVS-EN ISO 9988-2:2015**

#### **Plastics - Polyoxymethylene (POM) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 9988-2:2006)**

This part of ISO 9988 specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of polyoxymethylene moulding and extrusion materials. Requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing are given. Procedures and conditions are described for the preparation of test specimens, and procedures are given for measuring properties of the materials from which these specimens are made. Properties and test methods which are suitable and necessary to characterize polyoxymethylene moulding and extrusion materials are listed. The properties have been selected from the general test methods in ISO 10350-1:1998. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this part of ISO 9988 as designatory properties specified in ISO 9988-1: melt flow rate and tensile modulus. In order to obtain reproducible and comparable test results, it is necessary to use the methods of specimen preparation and conditioning. The specimen dimensions and the test procedures are specified herein. Values determined will not necessarily be identical to those obtained using specimens of different dimensions or prepared using different procedures.

Keel: en

Alusdokumendid: ISO 9988-2:2006; EN ISO 9988-2:2015

## **85 PABERITEHNOLOOGIA**

### **EVS-EN ISO 12625-15:2015**

#### **Tissue paper and tissue products - Part 15: Determination of optical properties - Measurement of brightness and colour with C/2° (indoor daylight) illuminant (ISO 12625-15:2015)**

This part of ISO 12625 specifies testing procedures for the instrumental determination of brightness and colour of tissue paper and tissue products viewed in indoor daylight conditions. It also gives specific instructions for the preparation of test pieces (single-ply, multi-ply products) and for the optical measurements of products, where special precautions may be necessary.

Keel: en

Alusdokumendid: ISO 12625-15:2015; EN ISO 12625-15:2015

### **EVS-EN ISO 12625-16:2015**

#### **Tissue paper and tissue products - Part 16: Determination of optical properties - Opacity (paper backing) - Diffuse reflectance method (ISO 12625-16:2015)**

This part of ISO 12625 specifies testing procedures for the instrumental determination of opacity paper backing of tissue paper and tissue products by diffuse reflectance. This part of ISO 12625 also gives specific instructions for the preparation of test pieces (single-ply, multi-ply products), where special precautions may be necessary. It can be used to determine the opacity of tissue paper and tissue products which contain fluorescent whitening agents, provided the UV content of the radiation incident on the test piece has been adjusted to conform to that in the CIE illuminant C using a fluorescent reference standard provided by an ISO/TC 6 authorized laboratory as described in ISO 2470-1. This International Standard is not applicable to coloured tissue paper and tissue products which incorporate fluorescent dyes or pigments.

Keel: en

Alusdokumendid: ISO 12625-16:2015; EN ISO 12625-16:2015

### **EVS-EN ISO 12625-9:2015**

#### **Tissue paper and tissue products - Part 9: Determination of ball burst strength (ISO 12625-9:2015)**

This part of 12625 specifies a test method for the determination of the resistance to mechanical penetration (ball burst strength procedure) or tissue paper and tissue products. It is expressly stated that the detection of impurities and contraries in tissue paper and tissue products should be applied according to ISO 15755. For the determination of moisture content in tissue paper and tissue products, ISO 287 should be applied.

Keel: en  
Alusdokumendid: ISO 12625-9:2015; EN ISO 12625-9:2015  
Asendab dokumenti: EVS-EN ISO 12625-9:2005

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

### EVS-EN 16623:2015

#### Paints and varnishes - Reactive coatings for fire protection of metallic substrates - Definitions, requirements, characteristics and marking

This European Standard relates to reactive coating systems intended to provide fire protection to metallic based structural members, including various grades and types of steel. Reactive coating systems may comprise the reactive coating component alone and/or that component used in conjunction with associated primers, topcoats and, if applicable, reinforcement. It covers the characterization of such systems in end use conditions. NOTE Fundamental to proving the suitability of any reactive coating system to provide fire protection to any metallic substrate is its fire resistance performance determined in accordance with CEN fire resistance test methods, which are currently EN 13381-6, EN 13381-8 and prEN 13381-9. Consequently, the scope of application and fire performance of any reactive protection system is limited by the scope of available and applicable published CEN fire test methods. The European Standard sets out the performance criteria, the verification methods used to examine the various aspects of performance, the assessment criteria used to judge the performance for the intended use and the presumed conditions for the design and execution of the reactive coating system in the works. It deals with the compatibility of the reactive coating component with various primers and topcoats, and a reactive coating system's durability in a number of different service and end use conditions. Specifically, it provides a process for establishing 'generic' primer compatibility and acceptable topcoats for use with a given reactive component layer without prejudicing the reactive coating systems fire performance. The European Standard also provides guidelines for the manufacture, storage, application, maintenance and repair of the reactive coating system and the final inspection of its installation in end use. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. This European Standard establishes the route for generic primer approval and the use of specific top-coats with which the reactive coating may carry the CE mark. This European Standard provides guidelines for the manufacture, storage, application, maintenance and repair of the reactive coating system and final inspection of works.

Keel: en  
Alusdokumendid: EN 16623:2015

### EVS-EN ISO 3679:2015

#### Determination of flash no-flash and flash point - Rapid equilibrium closed cup method (ISO 3679:2015)

This International Standard specifies procedures for flash point tests, within the temperature range of  $-30\text{ }^{\circ}\text{C}$  to  $300\text{ }^{\circ}\text{C}$ , for paints, including water-borne paints, varnishes, binders for paints and varnishes, adhesives, solvents, petroleum, and related products. The procedures are used to determine whether a product will or will not flash at a specified temperature (flash no-flash Procedure A) or the flash point of a sample (Procedure B). When used in conjunction with the flash detector (A.1.6), this International Standard is also suitable to determine the flash point of fatty acid methyl esters (FAME).

Keel: en  
Alusdokumendid: ISO 3679:2015; EN ISO 3679:2015  
Asendab dokumenti: EVS-EN ISO 3679:2004  
Asendab dokumenti: EVS-EN ISO 3680:2004

## 91 EHITUSMATERJALID JA EHITUS

### EVS 920-5:2015

#### Katuseehitusreeglid. Osa 5: Lamekatused Requirements for roof building. Part 5: Flat roofs

See standard määratleb nõuded lamekatuste konstruktsiooni- ja sõlmahenduste ehitamiseks ning peamised nõuded lamekatustel kasutatavatele materjalidele. Standard määrab nõuded toodetele ja paigalduslahendustele nende kasutamiseks tavalistes eksploatatsioonitingimustes. Lamekatuseks nimetatakse katuseid, mille kalle on 1:10 või sellest väiksem. Lamekatused on üldjuhul kaetud rullmaterjaliga või katkematu hüdroisolatsiooniga. Katkematuid hüdroisolatsioone selle standardi mahus ei käsitleta. Standard on mõeldud juhendamiseks lamekatuste paigaldajatele, üldehitajatele, materjalide tootjatele, projekteerijatele, arhitektidele, ehitusjärelvalvele, ekspertidele ja kasutajatele. Standardis esitatud lahendused on näitlikud ning nende kasutamine ei ole vältimatult kohustuslik. Projekteerijad võivad projekteerida ka teistsuguseid lahendusi. Katusehooldust käsitletakse standardis EVS 920-1. Lamekatuse tuleohutuse projekteerimist käsitletakse standardisarjas EVS 812.

Keel: et  
Alusdokumendid: RIL-107:2012; Tarindi RYL 2010

### EVS-EN 12050-2:2015

#### Wastewater lifting plants for buildings and sites - Part 2: Lifting plants for faecal-free wastewater

This European Standard applies to lifting plants for faecal-free wastewater for drainage of locations below flood level in buildings and sites to prevent any backflow of wastewater into the building. These lifting plants may be prefabricated or delivered as prefabricated kits and assembled on site. This standard specifies general requirements, basic construction and testing principles, together with information on materials and assessment and verification of constancy of performance. Construction and testing

requirements for non-return valves used in wastewater lifting plants are given in EN 12050 4. This European Standard does not apply for pumping installations for drain and sewer systems outside buildings for pumping of municipal wastewater according to EN 752:2008, Annex F. This European Standard applies also to lifting plants for faecal-free wastewater which are not prefabricated but composed of individual components purchased from different suppliers and put together on site.

Keel: en

Alusdokumendid: EN 12050-2:2015

Asendab dokumenti: EVS-EN 12050-2:2001

### **EVS-EN 12050-3:2015**

#### **Wastewater lifting plants for buildings and sites - Part 3: Lifting plants for limited applications**

This European Standard applies to lifting plants for limited applications for domestic non-commercial wastewater containing or not containing faecal matter and located below flood level. NOTE Limited application means that the number of users is small and the plant is located in the same room as the sanitary appliance(s) served by it ) which are installed in accordance with EN 12056–1 and the layout and calculation are in accordance with EN 12056–4. This European Standard applies to lifting plants for limited applications designed for wastewater containing faecal matter, where there is another WC available above flood level, and the plants serve no more than a single WC to which it is directly connected (at a distance of max. 0,5 m) and one hand washbasin, one shower and one bidet provided no other sanitary appliance is directly or indirectly connected. This European Standard also applies to lifting plants for limited applications designed for faecal free wastewater, where a maximum of one hand washbasin or kitchen sink plus one further appliance such as a bathtub or a washing machine or a shower or a dish washer or an urinal are connected. No other sanitary appliance shall be directly or indirectly connected. This European Standard contains general requirements, basic construction and testing principles, together with information on materials. Construction and testing requirements for non-return valves used in wastewater lifting plants for limited applications are given in EN 12050 4. This European Standard does not apply for lifting plants for limited applications for wastewater containing faecal matter where WC flushing is carried out by pressure flush valve.

Keel: en

Alusdokumendid: EN 12050-3:2015

Asendab dokumenti: EVS-EN 12050-3:2001

### **EVS-EN 12050-4:2015**

#### **Reoveepumplad. Osa 4: Olmereoveepumpade tagasilöögiklapid**

#### **Wastewater lifting plants for buildings and sites - Part 4: Non-return valves for faecal-free wastewater and wastewater containing faecal matter**

This European Standard applies to non-return valves used for faecal-free wastewater and wastewater containing faecal matter lifting plants. This Standard specifies general requirements, basic construction and testing principles together with information on materials and the relevant assessment and verification of constancy of performance.

Keel: en

Alusdokumendid: EN 12050-4:2015

Asendab dokumenti: EVS-EN 12050-4:2001

### **EVS-EN 12057:2015**

#### **Natural stone products - Modular tiles - Requirements**

This European Standard specifies requirements for flat modular tiles of natural stone which are made for internal (including enclosed public transport premises) and/or external uses as floorings, stairs and wall and ceiling finishes. This European Standard does not cover mineral aggregates and artificial agglomerated stone material and does not cover installation.

Keel: en

Alusdokumendid: EN 12057:2015

Asendab dokumenti: EVS-EN 12057:2004

### **EVS-EN 12058:2015**

#### **Natural stone products - Slabs for floors and stairs - Requirements**

This European Standard specifies requirements for flat natural stone slabs used as paving units for internal (including enclosed public transport premises) and/or external uses in floors and stairs including skirtings. This European Standard does not cover mineral aggregates and artificial agglomerated stone material and does not cover installation.

Keel: en

Alusdokumendid: EN 12058:2015

Asendab dokumenti: EVS-EN 12058:2004

### **EVS-EN 12480:2015**

#### **Gas meters - Rotary displacement gas meters**

This European Standard specifies ranges, construction, performances, output characteristics and testing of rotary displacement gas meters (hereinafter referred to as RD meters or simply meters) for gas volume measurement. This European Standard applies to rotary displacement gas meters used to measure the volume of fuel gases of at least the 1st, 2nd and 3rd gas families, the composition of which is specified in EN 437:2003+A1:2009, at a maximum working pressure up to and including 20 bar over an ambient and gas temperature range of at least –10 °C to +40 °C. This European Standard applies to meters that are installed in locations with vibration and shocks of low significance and in • closed locations (indoor or outdoor with protection as specified by the manufacturer) with condensing or with non-condensing humidity or, if specified by the manufacturer, • open locations (outdoor without any covering) with condensing humidity or with non-condensing humidity; Unless otherwise specified in this standard: •

all pressures used are gauge; • all influence quantities, except the one under test, are kept relatively constant at their reference value. This European Standard also applies to meters with a maximum allowable pressure PS and the volume V of less than 6 000 bar • litres or with a product of PS and DN of less than 3 000 bar. NOTE These limits are the same as in EU directive 97/23/EC. This European Standard can be used for both pattern approval and individual meter testing. Cross-reference tables are given in: • Annex A for the tests that need to be undertaken for pattern approval; • Annex B for individual meter testing. Some parts of this standard cover meters with mechanical index only. The risk philosophy adopted in this standard is based on the analysis of hazards on account of pressure. The standard applies principles to eliminate or reduce hazards. Where these hazards cannot be eliminated appropriate protection measures are specified.

Keel: en

Alusdokumendid: EN 12480:2015

Asendab dokumenti: EVS-EN 12480:2002

Asendab dokumenti: EVS-EN 12480:2002/A1:2006

### **EVS-EN 13165:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud jäigast vahtpolüuretaanvahust (PUR) tooted. Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made rigid polyurethane foam (PU) products - Specification**

This European Standard specifies the requirements for factory made rigid polyurethane foam (PU) products, with or without facings or coatings, which are used for the thermal insulation of buildings. PU includes both PIR and PUR products. The products are manufactured in the form of boards. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non conflicting standards. Products with a declared thermal resistance lower than 0,25 m<sup>2</sup> . K/W or a declared thermal conductivity greater than 0,060 W/(m.K) at 10 °C are not covered by this European Standard. This standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations (covered by EN 14308).

Keel: en

Alusdokumendid: EN 13165:2012+A1:2015

Asendab dokumenti: EVS-EN 13165:2012

### **EVS-EN 13166:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fenoovahust (PF) tooted. Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made phenolic foam (PF) products - Specification**

This European Standard specifies the requirements for factory made phenolic foam products, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards and laminates. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,40 m<sup>2</sup> K/W or a declared thermal conductivity greater than 0,050 W/(mK) at 10 °C are not covered by this standard. This standard does not cover in-situ thermal insulation products, products intended to be used for the thermal insulation of building equipment and industrial installations (covered by EN 14314 [3]).

Keel: en

Alusdokumendid: EN 13166:2012+A1:2015

Asendab dokumenti: EVS-EN 13166:2012

### **EVS-EN 13167:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud vahtklaasist (CG) tooted. Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification**

This European Standard specifies the requirements for factory made cellular glass (CG) products, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or slabs. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,50 m<sup>2</sup> K/W or a declared thermal conductivity greater than 0,065 W/(m<sup>2</sup>K) at 10 °C are not covered by this standard. This standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations (covered by EN 14305).

Keel: en

Alusdokumendid: EN 13167:2012+A1:2015

### **EVS-EN 13168:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fibroliidist (WW) tooted.**

##### **Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification**

This European Standard specifies the requirements for factory made wood wool (WW) products, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or slabs. This European Standard also specifies the requirements for the factory made composite products, made from wood wool in combination with other insulation materials. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels and classes required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,15 m<sup>2</sup> K/W or a declared thermal conductivity greater than 0,100 W/(mK) at 10 °C are not covered by this standard. This European Standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations.

Keel: en

Alusdokumendid: EN 13168:2012+A1:2015

Asendab dokumenti: EVS-EN 13168:2012

### **EVS-EN 13169:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud perliidist (EPB)**

##### **tooted. Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made expanded perlite board (EPB) products - Specification**

This European Standard specifies the requirements for factory made expanded perlite board products, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards, multi-layered insulation or composite insulation products. This standard also covers composite insulation products (see Annex E). Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,15 m<sup>2</sup> K/W or a declared thermal conductivity greater than 0,070 W/(mK) at 10 °C are not covered by this standard. This standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations.

Keel: en

Alusdokumendid: EN 13169:2012+A1:2015

Asendab dokumenti: EVS-EN 13169:2012

### **EVS-EN 13170:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud korgist (ICB)**

##### **tooted. Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made products of expanded cork (ICB) - Specification**

This European Standard specifies the requirements for factory made products of expanded cork, which are used for the thermal insulation of buildings. The products are made with granulated cork agglomerated without additional binders and are delivered as boards with or without facings or coatings. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,25 m<sup>2</sup> K/W, or a declared thermal conductivity greater than 0,060 W/(mK), at 10 °C, are not covered by this European Standard.

Keel: en

Alusdokumendid: EN 13170:2012+A1:2015

Asendab dokumenti: EVS-EN 13170:2012

### **EVS-EN 13171:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud puitkiust (WF) tooted.**

##### **Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made wood fibre (WF) products - Specification**

This European Standard specifies the requirements for factory made wood fibre (WF) products, with or without facings or coatings, which are used for the thermal insulation of buildings ). The products are manufactured in the form of rolls, batts, felts, boards or slabs. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,20 m<sup>2</sup> K/W or a declared thermal conductivity greater than 0,070 W/(mK) at 10 °C are not covered by this standard. This standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations.

Keel: en

Alusdokumendid: EN 13171:2012+A1:2015

Asendab dokumenti: EVS-EN 13171:2012

### **EVS-EN 1469:2015**

#### **Natural stone products - Slabs for cladding - Requirements**

This European Standard specifies requirements for slabs of natural stone that are made for use as cladding for internal and external wall and ceiling finishes. This European Standard does not cover aggregates and artificially agglomerated stone material and does not cover installation. Furthermore, this European Standard does not cover roofing slates used as external cladding and slates and stone products for discontinuous roofing. This European Standard does not consider fixing by means of mortar and adhesives.

Keel: en

Alusdokumendid: EN 1469:2015

Asendab dokumenti: EVS-EN 1469:2005

### **EVS-EN 16012:2012+A1:2015**

#### **Thermal insulation for buildings - Reflective insulation products - Determination of the declared thermal performance**

This standard describes a set of procedures for using existing standardized CEN or ISO test and calculation methods to determine the declared thermal performance of reflective insulation products. This standard supports and does not replace existing CEN or ISO test methods. This standard applies to any thermal insulation product that derives a proportion of its claimed thermal properties from the presence of one or more reflective or low emissivity surfaces together with any associated airspace(s). It does not replace the existing procedures for the determination of the thermal performance of products already covered by an existing harmonized product standard where the declared value of these products does not specifically include any claims attributable to the emissivity of the facing.

Keel: en

Alusdokumendid: EN 16012:2012+A1:2015

Asendab dokumenti: EVS-EN 16012:2012

### **EVS-EN 16069:2012+A1:2015**

#### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud polüetüleenvahust (PEF) tooted. Spetsifikatsioon**

#### **Thermal insulation products for buildings - Factory made products of polyethylene foam (PEF) - Specification**

This European Standard specifies the requirements for factory made polyethylene foam (PEF) products, with or without facing or coating, which are used for thermal insulation of buildings. The products are manufactured in the form of boards or rolls or other preformed ware. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this standard are also used in prefabricated thermal insulating systems and composite panels; the performance of systems incorporating these products is not covered. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,5 m<sup>2</sup> K/W or a declared thermal conductivity greater than 0,050 W/(mK) at 10 °C are not covered by this European Standard. This standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations (covered by EN 14313). Further excluded are non-foamed materials such as bubble films, foils etc.

Keel: en

Alusdokumendid: EN 16069:2012+A1:2015

Asendab dokumenti: EVS-EN 16069:2012

### **EVS-EN 16153:2013+A1:2015**

#### **Valgust läbilaskvad tasapinnalised mitmekihilised polükarbonaat(PK)plaadid kasutamiseks katustes, seintes ja lagedes nii sise- kui välistingimustes. Nõuded ja katsemeetodid**

#### **Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings - Requirements and test methods**

This European Standard specifies the requirements for light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in walls, roofs and ceilings. This European Standard applies to light transmitting flat extruded multiwall PC sheets

with or without functional layers (e.g. coating, co-extruded layer) made from PC-based or other materials, without filling materials. It also specifies the test methods needed for the evaluation of conformity and marking of the sheets.

Keel: en

Alusdokumendid: EN 16153:2013+A1:2015

Asendab dokumenti: EVS-EN 16153:2013

### **EVS-EN 16497-1:2015**

#### **Chimneys - Concrete System Chimneys - Part 1: Non-balanced flue applications**

This European Standard specifies the materials and the dimensional and performance requirements for straight concrete system chimneys for non-balanced flue applications comprising a concrete flue liner and a combination of compatible chimney components, which may be concrete flue blocks (see Clause 4), obtained or specified from one manufacturing source with product responsibility for the whole chimney. This European Standard does not apply to concrete system chimneys with back ventilation. This European Standard does not cover products designated wet (W) in conjunction with corrosion class 3. This European Standard also applies to concrete system chimneys constructed from storey-height elements and flue blocks reinforced for handling. NOTE Any reference to the term flue blocks implies both flue blocks and their fittings, except where otherwise indicated.

Keel: en

Alusdokumendid: EN 16497-1:2015

### **EVS-EN ISO 13844:2015**

#### **Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with plastic pipes - Test method for leaktightness under negative pressure, angular deflection and deformation (ISO 13844:2015)**

This International Standard specifies a method for testing the leak tightness under negative pressure, angular deflection, and deformation of assembled joints between elastomeric-sealing-ring-type sockets made of plastic or metal and plastic pressure pipes.

Keel: en

Alusdokumendid: EN ISO 13844:2015; ISO 13844:2015

Asendab dokumenti: EVS-EN ISO 13844:2000

### **EVS-EN ISO 13845:2015**

#### **Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with thermoplastic pressure pipes - Test method for leaktightness under internal pressure and with angular deflection (ISO 13845:2015)**

This International Standard specifies a method for testing the leak tightness under internal pressure with angular deflection of assembled joints between elastomeric-sealing-ring-type sockets made of plastic or metal and plastic pressure pipes.

Keel: en

Alusdokumendid: ISO 13845:2015; EN ISO 13845:2015

Asendab dokumenti: EVS-EN ISO 13845:2000

### **EVS-EN ISO 15957:2015**

#### **Loading dusts for testing air cleaning equipment (ISO 15957:2015)**

This standard defines the properties of load test dusts which are used to test air cleaning equipment but not only for HVAC air filters in laboratories and the requirements for load test dust distribution. Efficiency test aerosols are excepted.

Keel: en

Alusdokumendid: EN ISO 15957:2015; ISO 15957:2015

## **93 RAJATISED**

### **EVS 925:2015**

#### **Materjal teede aluste stabiliseerimiseks. Koostis, spetsifikatsioonid ja vastavuskriteeriumid Material for the stabilization of road sub-bases. Composition, specifications and conformity criteria**

See standard käsitleb tööstuslikult valmistatavaid materjale, mida kasutatakse teekatendi aluse üla- ja alakihtide ehitamiseks, samuti pinnase stabiliseerimiseks ja tugevdamiseks. Selliste stabiliseerivate materjalide kasutamine põhineb pikaajasel kasutuskogemusel, toetudes Eesti looduslikele oludele, kasutatavatele kohalikele materjalidele ja väljatöötatud teede konstruktsioonilahendustele, andes sealjuures majanduslikult otstarbeka lahenduse. Antud materjalide valmistamisega antakse võimalus suunata edaspidisesse kasutusse kohaliku põlevkivi- ja tsemenditööstuse kõrvalsaaduseid, kindlustades sealjuures nende sobivuse ettenähtud lõppkasutuseks stabilisaator-sideaines. Standard liigitab materjalid 2-, 7- ja 28-päevase survetugevuse põhjal ning määrab kindlaks materjalide mehaanilised, füüsikalised ja keemilised omadused. Samuti esitatakse nõuded tootmisele, tähistamisele, tarnimisele ja vastavushindamisele. Standardi käsitusallas ei kuulu ehitusplatsil koostisosade segamise teel valmistatud tooted.

Keel: et

### **EVS-EN 1793-4:2015**

## **Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - In situ values of sound diffraction**

This European Standard describes a test method for determining the intrinsic characteristics of sound diffraction of added devices installed on the top of traffic noise reducing devices. The test method prescribes measurements of the sound pressure level at several reference points near the top edge of a noise reducing device with and without the added device installed on its top. The effectiveness of the added device is calculated as the difference between the measured values with and without the added devices, correcting for any change in height (the method described gives the acoustic benefit over a simple barrier of the same height; however, in practice the added device can raise the height and this could provide additional screening depending on the source and receiver positions). The test method is intended for the following applications: • preliminary qualification, outdoors or indoors, of added devices to be installed on noise reducing devices; • determination of sound diffraction index difference of added devices in actual use; • comparison of design specifications with actual performance data after the completion of the construction work; • verification of the long term performance of added devices (with a repeated application of the method); • interactive design process of new products, including the formulation of installation manuals. The test method can be applied both in situ and on samples purposely built to be tested using the method described here. Results are expressed as a function of frequency, in one-third octave bands between 100 Hz and 5 kHz. If it is not possible to get valid measurements results over the whole frequency range indicated, the results shall be given in the restricted frequency range and the reasons of the restriction(s) shall be clearly reported. A single-number rating is calculated from frequency data. For indoors measurements see Annex A.

Keel: en

Alusdokumendid: EN 1793-4:2015

Asendab dokumenti: CEN/TS 1793-4:2003

## **97 OLME. MEELELAHUTUS. SPORT**

### **CEN/TS 16717:2015**

#### **Surface for sports areas - Method of test for the determination of shock absorption, vertical deformation and energy restitution using the advanced artificial athlete**

This Technical Specification specifies a method of test for measuring the shock absorption, vertical deformation, and energy restitution characteristics of sports surfaces. It is not considered appropriate for rigid sports surfaces that have shock absorbing properties of 10 % FR or less.

Keel: en

Alusdokumendid: CEN/TS 16717:2015

### **EVS-EN 131-6:2015**

#### **Ladders - Part 6: Telescopic ladders**

This European Standard specifies the general design features, requirements and test methods and defines terms for leaning and standing telescopic ladders. Ladders with extension elements are not covered by this part of EN 131. This part of the standard is intended to be used in conjunction with EN 131-1:2007+A1:2011, EN 131 2:2010+A1:2012, EN 131-3:2007 and if applicable EN 131-4:2007.

Keel: en

Alusdokumendid: EN 131-6:2015

### **EVS-EN 14468-1:2015**

#### **Table tennis - Part 1: Table tennis tables, functional and safety requirements, test methods**

This European Standard specifies functional requirements (see Clause 5) and safety requirements (see Clause 6) for table tennis tables hereafter referred to as tables. They are applicable for tables used only for playing table tennis and take no account of the consequences of any misuse. This European Standard is applicable to five types of tables (see Table 2) within the Classes A to D (see Table 1). This European Standard excludes table tennis tables which are installed in locations covered by EN 1176 and EN 15312.

Keel: en

Alusdokumendid: EN 14468-1:2015

Asendab dokumenti: EVS-EN 14468-1:2005

### **EVS-EN 14468-2:2015**

#### **Table tennis - Part 2: Posts for net assemblies - Requirements and test methods**

This European Standard specifies requirements for net assemblies permanently or temporarily attached to a table tennis table in accordance with EN 14468-1.

Keel: en

Alusdokumendid: EN 14468-2:2015

Asendab dokumenti: EVS-EN 14468-2:2005

### **EVS-EN 14533:2015**

#### **Textiles and textile products - Burning behaviour of bedding items - Classification scheme**

Specifies a classification scheme for the burning behaviour of bedding items based on two ignition sources (smouldering cigarette and small open flame)

Keel: en



Alusdokumendid: EN 14533:2015  
Asendab dokumenti: EVS-EN 14533:2003

### **EVS-EN 15059:2009+A1:2015**

#### **Lumekoristuseseadmed. Ohutusnõuded Snow grooming equipment - Safety requirements**

This standard applies to snow grooming equipment as defined in 3.1 and its use with attachments as described in 3.2. With the exception of rear-mounted snow tillers and front blade attachments, this standard does not deal with the specific hazards of the attachments themselves. This standard is not applicable to snowmobiles. This standard deals with all significant hazards, hazardous situations and events relevant to snow grooming equipment, when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It also deals with hazards during commissioning, use, fault-finding and maintenance. This standard is not applicable to snow grooming equipment manufactured before the date of publication of this document by CEN. NOTE For travelling on public roads, national traffic regulations apply until harmonised requirements are available.

Keel: en  
Alusdokumendid: EN 15059:2009+A1:2015  
Asendab dokumenti: EVS-EN 15059:2009

### **EVS-EN 50615:2015**

#### **Household and similar electrical appliances - Safety - Particular requirements for devices for fire prevention and suppression for electric hobs (cooktops)**

The first sentence in the Scope of EN 60335-1 is replaced by: This European standard deals with the safety of electric devices used for detection, prevention and suppression of fire originated: - from a cooking process, or - from flammable material left on the hob. NOTE The provisions of this document, duly adapted to the specific installation and conditions of use, may be taken into consideration as guidance also for the protection from fire originated from the use of portable cooking appliances or from grills in the oven cavity. The devices covered by this European Standard may operate by interaction with, or integration of, other devices such as smoke detectors, fire detectors, motion detectors, CO detectors and fire extinguishers that are covered by their specific applicable standards.

Keel: en  
Alusdokumendid: EN 50615:2015

### **EVS-EN 60335-2-4:2010/A1:2015**

#### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded pöörlevatele tõmbeventilaatoritele**

#### **Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors**

Amendment to EN 60335-2-4:2010

Keel: en  
Alusdokumendid: IEC 60335-2-4:2008/A1:2012; EN 60335-2-4:2010/A1:2015  
Muudab dokumenti: EVS-EN 60335-2-4:2010

### **EVS-EN 60704-2-5:2005/A1:2015**

#### **Kodumajapidamises ja sarnastes oludes kasutatavate seadmete poolt tekitatava õhumüra määramise katsenormid. Osa 2-5: Erinõuded mahuti tüüpi ruumide soojendamiseks mõeldud küttekahadele**

#### **Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-5: Particular requirements for electric thermal storage room heaters**

Amendment to EN 60704-2-5:2005

Keel: en  
Alusdokumendid: EN 60704-2-5:2005/A1:2015; IEC 60704-2-5:2005/A1:2014  
Muudab dokumenti: EVS-EN 60704-2-5:2005

### **EVS-EN 60705:2015**

#### **Household microwave ovens - Methods for measuring performance**

IEC 60705:2010 applies to microwave ovens for household use. It also applies to combination microwave ovens. This standard defines the main performance characteristics of household microwave ovens which are of interest to the user, and it specifies methods for measuring these characteristics. This fourth edition cancels and replaces the third edition published in 1999, its amendment 1 (2004) and its amendment 2 (2006), and constitutes a technical revision. The main changes from the previous edition are as follows: - the definition of rounding is given in 3.5; - the usable volume and the overall volume are respectively determined in 7.2 and 7.3.

Keel: en  
Alusdokumendid: EN 60705:2015; IEC 60705:2010/A1:2014; IEC 60705:2010  
Asendab dokumenti: EVS-EN 60705:2012  
Asendab dokumenti: EVS-EN 60705:2012/A1:2014

## EVS-EN 60730-2-5:2015

### Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems

IEC 60730-2-5:2013 applies to automatic electrical burner control systems for the automatic control of burners for oil, gas, coal or other combustibles for household and similar use including heating, air conditioning and similar use. This part 2-5 is applicable to a complete burner control system and to a separate programming unit. This part 2-5 is also applicable to a separate electronic high-voltage ignition source and to a separate flame detector. Separate ignition devices (electrodes, pilot burners, etc.) are not covered by this part 2-5 unless they are submitted as part of a burner control system. Requirements for separate ignition transformers are contained in IEC 60989. Systems utilizing thermoelectric flame supervision are not covered by this part 2-5. This part 2-5 applies to the inherent safety, to the manufacturer's declared operating values, operating times and operating sequences where such are associated with burner safety and to the testing of automatic electrical burner control systems used in, on, or in association with, burners. This part 2-5 is intended to be used in conjunction with IEC 60730-1. It was established on the basis of the fourth edition (2010) of that publication. Consideration may be given to future editions of, or amendments to, IEC 60730-1. The title of IEC 60730-2-5 Ed4.0 has been updated to the title of IEC 60730-1 Ed5.0. However, IEC 60730-2-5 Ed4.0 has not been updated in accordance with the technical requirements in IEC 60730-1 Ed5.0. This part 2-5 supplements or modifies the corresponding clauses in IEC 60730-1 so as to convert that publication into the IEC standard: Safety requirements for automatic electrical burner control systems. Key words: Automatic control, Burner control

Keel: en

Alusdokumendid: IEC 60730-2-5:2013; EN 60730-2-5:2015

Asendab dokumenti: EVS-EN 60730-2-5:2002

Asendab dokumenti: EVS-EN 60730-2-5:2002/A1:2005

Asendab dokumenti: EVS-EN 60730-2-5:2002/A11:2005

Asendab dokumenti: EVS-EN 60730-2-5:2002/A2:2010

## EVS-EN 71-1:2015

### Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused Safety of toys - Part 1: Mechanical and physical properties

See Euroopa standard määrab kindlaks nõuded ja katsemeetodid mänguasjade mehaanilistele ja füüsilistele omadustele. Standard kohaldu laste mänguasjadele, kus mänguasi on mistahes toode või materjal, mis on kavandatud või mõeldud, kas eranditult või mitte, mängimiseks alla 14-aastastele lastele. See puudutab uusi mänguasju, võttes arvesse nende ettenähtavat ja normaalset kasutusperioodi, ning et mänguasja kasutatakse ettenähtud või ettenähtaval viisil, pidades silmas laste käitumist. Standard sisaldab erinõudeid mänguasjadele, mis on mõeldud alla 36 kuu vanustele lastele, alla 18 kuu vanustele lastele ning neile, kes on liiga noored kõrvalise abita istukile tõusmiseks. Vastavalt direktiivile 2009/48/EÜ tähendab „mõeldud kasutamiseks” seda, et lapsevanem või järelevaataja peab mänguasja funktsionaalsete omaduste, mõõtude ja tunnuste alusel põhjendatult suutma eeldada, et mänguasi on mõeldud kasutamiseks selleks ettenähtud vanusegrupi lastele. Seetõttu käsitletakse selle Euroopa standardi tähenduses näiteks lihtsaid pehme täidisega mänguasju, mis on mõeldud käes või kaisus hoidmiseks, kui alla 36 kuu vanustele lastele mõeldud mänguasju. MÄRKUS Informatsiooni seondult mänguasjade klassifitseerimisega vanusegrupi alusel ning eriti seda, millised mänguasjad on mõeldud ja millised mitte alla 36 kuu vanustele lastele, võib leida CEN-i raportist CR 14379, Tarbekaupade Ohutuse Komisjoni (CPSC) vanuse määramise juhistest, CEN-i/CENELEC-i juhendist 11 ning Euroopa Komisjoni juhenddokumentidest. See Euroopa standard määrab samuti kindlaks erinõuded pakendile, märgistamisele ja etiketile. Standard ei hõlma muusikainstrumente, spordivarustust või sarnaseid esemeid, kuid sisaldab nende mänguasjadena määratletavaid analooge. Standard ei laiene järgmistele mänguasjadele: — mänguväljaku seadmed; — mänguautomaadid; — mänguaurumasinad; — lingud ja katapuldid. Esemeid, mille laps üles keerab ja laseb vabale lennule elastse paela vabastamisega (nt lennukid ja raketid), loetakse katapultideks (vt viies punkt ülalpool). See Euroopa standard ei hõlma mänguasjade elektrilise ohutuse aspekte. Neid käsitletakse standardis EN 62115. Peale selle ei hõlma standard järgmisi esemeid, mida selle standardi mõistes ei loeta mänguasjadeks: a) dekoratiivsed esemed pidustuste ja pidulike juhtude tarvis; b) tooted kollektsioneerimiseks, kui on tagatud, et tootele või selle pakendile on nähtavalt ja loetavalt kantud teave, et see on mõeldud kollektsionääridele vanuses 14 aastat ja üle selle. Selle kategooria näited on: 1) detailsed täpse mõõtkavaga mudelid (vt A.2), 2) komplektid detailsete mudelite kokkupanemiseks, 3) suveniirmukud ja dekoratiivsed nukud ning teised sarnased tooted, 4) mänguasjade ajaloolised koopiad, 5) päris tulirelvade täpsed koopiad. c) spordivahendid, sh rollerid, rulluisud ja rulad, mis on mõeldud lastele kehakaaluga üle 20 kg; d) jalgrattad sadula suurima kõrgusega 435 mm, mõõdetuna vertikaalsuunas kaugusena maapinnast istme pealispinnani, kui iste on horisontaalasendis ning sadula varras on sisestatud minimaalse sisestamise tähiseni; e) tõukerattad ja muud liikumisvahendid, mis on mõeldud sportimiseks või liikumiseks avalikel teedel või radadel; f) elektriajamiga sõidukid, mis on mõeldud kasutamiseks liikumisel avalikel teedel, radadel või ka kõnniteedel; g) sügavas vees kasutamiseks mõeldud vahendid ning laste ujuma õpetamise vahendid, nagu ujumisistmed ja ujumisabivahendid; h) mosaiikpildid, mis koosnevad rohkem kui 500 osast; i) püssid ja püstolid, mis kasutavad suruõhku, v.a veepüssid ja -püstolid; j) sportvibud, mille pikkus on üle 120 cm; k) ilutulestikuvahendid, sealhulgas tongid, mis ei ole spetsiaalselt mänguasjadele mõeldud; l) tooted ja mängud, mis kasutavad teravaotsalisi viskevahendeid, nt metallist otstega nooleviskekomplektid; m) funktsionaalsed õppevahendid, nagu elektriahjud, triikraud või muud funktsionaalsed tooted, nagu on määratletud EL-i direktiivis 2009/48/EÜ, mis töötavad nimipingel üle 24 V ning mida müüakse ainult õppetstarbeks täiskasvanute järelevalve all kasutamiseks; n) tooted, mis on mõeldud kasutamiseks õppetstarbel koolides ja muus pedagoogilises tegevuses täis-kasvanud juhendaja järelevalve all, näiteks teadusliku otstarbega seadmed; o) elektroonikaseadmed, nagu personaalarvutid ja mängukonsoolid, mida kasutatakse interaktiivse tarkvaraga, ning nendega kaasnevad lisaseadmed, kui need elektroonikaseadmed või nendega kaasnevad lisaseadmed ei ole spetsiaalselt kavandatud ja suunatud lastele ning neil endil on mänguline väärtus, nagu eraldi kavandatud personaalarvutid, klaviatuurid, juhtkangid või roolid; p) interaktiivne tarkvara, mis on mõeldud vaba aja sisustamiseks või meelelahutuseks, ning nende salvestamiseks mõeldud meedia, nagu CD-d; q) imikulutid; r) laste atraktiivsed valgustid; s) mänguasjade elektritrafod; t) laste mөөhted, mis ei ole mõeldud mängimiseks (vt A.2); u) isikukaitsevahendid, k.a ujuvabivahendid, nagu käepaelad ja ujumisistmed (vt A.23), ja ujumisprillid, päikesepillid ja muud silmakaitsevahendid, samuti ratta- ja rulakiivrid (vt A.19).

Keel: en, et

Alusdokumendid: EN 71-1:2014



# ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### **EVS-EN ISO 3098-0:1999**

**Toote tehniline dokumentatsioon. Standardkiri. Osa 0: Üldnõuded**  
**Technical product documentation - Lettering - Part 0: General requirements**

Keel: en

Alusdokumendid: ISO 3098-0:1997; EN ISO 3098-0:1997

Asendatud järgmise dokumendiga: EVS-EN ISO 3098-1:2015

### **EVS-ISO 11620:2010**

**Informatsioon ja dokumentatsioon. Raamatukogu tulemusindikaatorid (ISO 11620:2008)**  
**Information and documentation - Library performance indicators (ISO 11620:2008)**

Keel: en, et

Alusdokumendid: ISO 11620:2008

Asendatud järgmise dokumendiga: EVS-ISO 11620:2015

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

### **EVS 903:2010**

**Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001:2008 rakendamiseks kohalikus omavalitsuses**  
**Quality management systems — Guidelines for the application of ISO 9001:2008 in local government (IWA 4:2009)**

Keel: et

Alusdokumendid: IWA 4:2009

Asendatud järgmise dokumendiga: EVS-ISO 18091:2015

### **EVS-EN 9110:2010**

**Quality Management Systems - Requirements for Aviation Maintenance Organizations**

Keel: en

Alusdokumendid: EN 9110:2010

Asendatud järgmise dokumendiga: EVS-EN 9110:2015

## 11 TERVISEHOOLDUS

### **EVS-EN 13718-2:2008**

**Meditšiinis kasutatavad liiklusvahendid ja nende varustus. Kiirabileennukid/helikopterid. Osa 2: Kiirabileennukite/helikopterite tootmis- ja tehnilised nõuded**  
**Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements of air ambulances**

Keel: en

Alusdokumendid: EN 13718-2:2008

Asendatud järgmise dokumendiga: EVS-EN 13718-2:2015

### **EVS-EN 1865-2:2010**

**Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 2: Muudetava asendiga kandraam**  
**Patient handling equipment used in road ambulances - Part 2: Power assisted stretcher**

Keel: en

Alusdokumendid: EN 1865-2:2010

Asendatud järgmise dokumendiga: EVS-EN 1865-2:2010+A1:2015

### **EVS-EN 1865-3:2012**

**Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 3: Tugevdatud kandraam**  
**Patient handling equipment used in road ambulances - Part 3: Heavy duty stretcher**

Keel: en

Alusdokumendid: EN 1865-3:2012

Asendatud järgmise dokumendiga: EVS-EN 1865-3:2012+A1:2015

### **EVS-EN ISO 5356-1:2004**

#### **Anesteesia- ja hingamisaparatuur. Koonilised konnektorid. Osa 1: Koonused ja pesad (ISO 5356-1:2004)**

#### **Anaesthetic and respiratory equipment - Conical connectors - Part 1: Cones and sockets**

Keel: en

Alusdokumendid: ISO 5356-1:2004; EN ISO 5356-1:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 5356-1:2015

## **13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**

### **EVS-EN 12972:2007**

#### **Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks**

Keel: en

Alusdokumendid: EN 12972:2007

Asendatud järgmise dokumendiga: EVS-EN 12972:2015

### **EVS-EN 14533:2003**

#### **Textiles and textile products - Burning behaviour of bedding items - Classification scheme**

Keel: en

Alusdokumendid: EN 14533:2003

Asendatud järgmise dokumendiga: EVS-EN 14533:2015

### **EVS-EN 469:2014**

#### **Kaitserõivad tuletõrjajatele. Toimivusnõuded kaitserõivastele tulekustutustöödel**

#### **Protective clothing for firefighters - Performance requirements for protective clothing for firefighting**

Keel: en

Alusdokumendid: EN 469:2014

### **EVS-EN 50133-2-1:2002**

#### **Alarm systems - Access control systems for use in security applications - Part 2-1: General requirements for components**

#### **Alarm systems - Access control systems for use in security applications - Part 2-1: General requirements for components**

Keel: en

Alusdokumendid: EN 50133-2-1:2000

Asendatud järgmise dokumendiga: EVS-EN 60839-11-1:2013

### **EVS-EN 60839-11-1:2013/AC:2013**

#### **Alarm and electronic security systems - Part 11-1: Electronic access control systems - System and components requirements**

Keel: en

Alusdokumendid: EN 60839-11-1:2013/AC:2013

Asendatud järgmise dokumendiga: EVS-EN 60839-11-1:2013/AC:2015

## **17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED**

### **CEN/TS 1793-4:2003**

#### **Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - In situ values of sound diffraction**

Keel: en

Alusdokumendid: CEN/TS 1793-4:2003

Asendatud järgmise dokumendiga: EVS-EN 1793-4:2015

### **EVS-EN 14462:2005+A1:2009**

#### **Pinnatöötlusseadmed. Pinnatöötlusseadmete, kaasa arvatud lisaseadmed, mürakatse koodid.**

#### **Täpsuskategooriad 2 ja 3 KONSOLIDEERITUD TEKST**

#### **Surface treatment equipment - Noise test code for surface treatment equipment including its ancillary handling equipment - Accuracy grades 2 and 3 CONSOLIDATED TEXT**

Keel: en

Alusdokumendid: EN 14462:2005+A1:2009  
Asendatud järgmise dokumendiga: EVS-EN 14462:2015

## 19 KATSETAMINE

### **EVS-EN 61010-2-081:2003**

**Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-081: Erinõuded laboratoorsetele automaatsetele ja poolautomaatsetele analüüsi- ja muuotstarbelistele seadmetele**

**Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes**

Keel: en  
Alusdokumendid: IEC 61010-2-081:2001; EN 61010-2-081:2002  
Asendatud järgmise dokumendiga: EVS-EN 61010-2-081:2015  
Muudetud järgmise dokumendiga: EVS-EN 61010-2-081:2003/A1:2004

### **EVS-EN 61010-2-081:2003/A1:2004**

**Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-081: Erinõuded laboratoorsetele automaatsetele ja poolautomaatsetele analüüsi- ja muuotstarbelistele seadmetele**

**Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes**

Keel: en  
Alusdokumendid: IEC 61010-2-081:2001/A1:2003; EN 61010-2-081:2002/A1:2003  
Asendatud järgmise dokumendiga: EVS-EN 61010-2-081:2015

## 21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

### **EVS-EN 14399-1:2005**

**Eelkoormatavad kõrgtugevad ehituslikud kinnitusmehhanismid. Osa 1: Üldnõuded**  
**High-strength structural bolting assemblies for preloading - Part 1: General requirements**

Keel: en  
Alusdokumendid: EN 14399-1:2005  
Asendatud järgmise dokumendiga: EVS-EN 14399-1:2015

### **EVS-EN 14399-2:2005**

**High-strength structural bolting assemblies for preloading - Part 2: Suitability test for preloading**

Keel: en  
Alusdokumendid: EN 14399-2:2005  
Asendatud järgmise dokumendiga: EVS-EN 14399-2:2015

### **EVS-EN 14399-3:2005**

**High-strength structural bolting assemblies for preloading - Part 3: System HR - Hexagon bolt and nut assemblies**

Keel: en  
Alusdokumendid: EN 14399-3:2005  
Asendatud järgmise dokumendiga: EVS-EN 14399-3:2015

### **EVS-EN 14399-4:2005**

**Eelkoormatavad kõrgtugevad ehituslikud kinnitusmehhanismid. Osa 4: HV süsteemid. Kuuskantpoldi ja mutriga koostekomplektid**  
**High-strength structural bolting assemblies for preloading - Part 4: System HV - Hexagon bolt and nut assemblies**

Keel: en  
Alusdokumendid: EN 14399-4:2005  
Asendatud järgmise dokumendiga: EVS-EN 14399-4:2015

### **EVS-EN 14399-5:2005**

**High-strength structural bolting assemblies for preloading - Part 5: Plain washers**

Keel: en  
Alusdokumendid: EN 14399-5:2005; EN 14399-5:2005/AC:2006  
Asendatud järgmise dokumendiga: EVS-EN 14399-5:2015  
Parandatud järgmise dokumendiga: EVS-EN 14399-5:2005/AC:2013

### **EVS-EN 14399-6:2005**

#### **High-strength structural bolting assemblies for preloading - Part 6: Plain chamfered washers**

Keel: en  
Alusdokumendid: EN 14399-6:2005 + AC:2006  
Asendatud järgmise dokumendiga: EVS-EN 14399-6:2015  
Parandatud järgmise dokumendiga: EVS-EN 14399-6:2005/AC:2013

## **23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD**

### **EVS-EN 12972:2007**

#### **Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks**

Keel: en  
Alusdokumendid: EN 12972:2007  
Asendatud järgmise dokumendiga: EVS-EN 12972:2015

### **EVS-EN 13765:2010**

#### **Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals - Specification**

Keel: en  
Alusdokumendid: EN 13765:2010  
Asendatud järgmise dokumendiga: EVS-EN 13765:2010+A1:2015

### **EVS-EN 13953:2003+A1:2007**

#### **LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG) (KONSOLIDEERITUD TEKST)**

#### **LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG) (CONSOLIDATED TEXT)**

Keel: en  
Alusdokumendid: EN 13953:2003+A1:2007  
Asendatud järgmise dokumendiga: EVS-EN 13953:2015

### **EVS-EN 14912:2006**

#### **LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders**

Keel: en  
Alusdokumendid: EN 14912:2005  
Asendatud järgmise dokumendiga: EVS-EN 14912:2015

### **EVS-EN 712:1999**

#### **Termoplastist torustikusüsteemid. Otstugede mehaanilised ühendused survetorude ja liitmike vahel. Konstantse pikisuunalise jõuga väljatõmbele vastupidavuse katsemeetod**

#### **Thermoplastics piping systems - End-load bearing mechanical joints between pressure pipes and fittings - Test method for resistance to pull-out under constant longitudinal force**

Keel: en  
Alusdokumendid: EN 712:1993  
Asendatud järgmise dokumendiga: EVS-EN ISO 3501:2015

### **EVS-EN 713:1999**

#### **Plasttorustikusüsteemid. Liitmike ja polüolefiinist survetorude vahel olevad mehaanilised ühendused. Sisesurve all olevate paindele allutatud koostisosade tihkuse katsemeetod**

#### **Plastics piping systems - Mechanical joints between fittings and polyolefin pressure pipes - Test method for leaktightness under internal pressure of assemblies subjected to bending**

Keel: en  
Alusdokumendid: EN 713:1993  
Asendatud järgmise dokumendiga: EVS-EN ISO 3503:2015

### **EVS-EN 911:1999**

**Plasttorustikusüsteemid. Elastomeerse rõngastihendiga ühendused ja mehaanilised ühendused survetorustiku jaoks. Tihkuse katsemeetod välise hüdrostaatilise surve all**  
**Plastics piping systems - Elastomeric sealing ring type joints and mechanical joints for thermoplastics pressure piping - Test method for leaktightness under external hydrostatic pressure**

Keel: en

Alusdokumendid: EN 911:1995

Asendatud järgmise dokumendiga: EVS-EN ISO 3459:2015

### **EVS-EN ISO 13844:2000**

**Plastics piping systems - Elastomeric- sealing -ring- type socket joints of unplasticized poly(vinyl chloride) (PVC-U) for use with PVC-U pipes - Test method for leaktightness under negative pressure**

Keel: en

Alusdokumendid: ISO 13844:2000; EN ISO 13844:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 13844:2015

### **EVS-EN ISO 13845:2000**

**Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with unplasticized poly(vinyl chloride) (PVC-U) pipes - Test method for leaktightness under internal pressure and with angular deflection**

Keel: en

Alusdokumendid: ISO 13845:2000; EN ISO 13845:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 13845:2015

## **25 TOOTMISTEHNOLLOOGIA**

### **EVS-EN 14462:2005+A1:2009**

**Pinnatöötlusseadmed. Pinnatöötlusseadmete, kaasa arvatud lisaseadmed, mürakatse koodid. Täpsuskategooriad 2 ja 3 KONSOLIDEERITUD TEKST**  
**Surface treatment equipment - Noise test code for surface treatment equipment including its ancillary handling equipment - Accuracy grades 2 and 3 CONSOLIDATED TEXT**

Keel: en

Alusdokumendid: EN 14462:2005+A1:2009

Asendatud järgmise dokumendiga: EVS-EN 14462:2015

### **EVS-EN ISO 10447:2007**

**Resistance welding - Peel and chisel testing of resistance spot and projection welds**

Keel: en

Alusdokumendid: ISO 10447:2006; EN ISO 10447:2007

Asendatud järgmise dokumendiga: EVS-EN ISO 10447:2015

### **EVS-EN ISO 14323:2006**

**Resistance spot welding and projection welds - Destructive testing of welds - Specimen dimensions and procedure for impact shear test and cross-tension testing**

Keel: en

Alusdokumendid: ISO 14323:2006; EN ISO 14323:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 14323:2015

### **EVS-EN ISO 14373:2007**

**Resistance welding - Procedure for spot welding of uncoated and coated low carbon steels**

Keel: en

Alusdokumendid: ISO 14373:2006; EN ISO 14373:2007

Asendatud järgmise dokumendiga: EVS-EN ISO 14373:2015

### **EVS-EN ISO 23277:2010**

**Keevisõmbuluste mittepurustav kontrollimine. Keevisõmbuluste katsetamine kapillaarmedodil (immutusvedelikega). Tehnilistele tingimustele vastavuse tasemed**  
**Non-destructive examination of welds - Penetrant testing of welds - Acceptance levels**

Keel: en

Alusdokumendid: ISO 23277:2006; EN ISO 23277:2009



Asendatud järgmise dokumendiga: EVS-EN ISO 23277:2015

### **EVS-EN ISO 23278:2010**

#### **Non-destructive testing of welds - Magnetic particle testing of welds - Acceptance levels**

Keel: en

Alusdokumendid: ISO 23278:2006; EN ISO 23278:2009

Asendatud järgmise dokumendiga: EVS-EN ISO 23278:2015

### **EVS-EN ISO 4528:2009**

#### **Vitreous and porcelain enamel finishes - Selection of test methods for vitreous and porcelain enamelled areas of articles**

Keel: en

Alusdokumendid: ISO 4528:2000; EN ISO 4528:2009

Asendatud järgmise dokumendiga: EVS-EN ISO 4528:2015

## **27 ELEKTRI- JA SOOJUSENERGEETIKA**

### **EVS-EN 60904-2:2007**

#### **Photovoltaic devices - Part 2: Requirements for reference solar cells**

#### **Photovoltaic devices -- Part 2: Requirements for reference solar devices**

Keel: en

Alusdokumendid: IEC 60904-2:2007; EN 60904-2:2007

Asendatud järgmise dokumendiga: EVS-EN 60904-2:2015

### **EVS-EN 60987:2009**

#### **Nuclear power plants - Instrumentation and control important to safety - Hardware design requirements for computer-based systems**

Keel: en

Alusdokumendid: IEC 60987:2007; EN 60987:2009

Asendatud järgmise dokumendiga: EVS-EN 60987:2015

## **29 ELEKTROTEHNIKA**

### **EVS 720:2011**

#### **Paigalduskaablid. Polüvinüülkloriidmantliga paigalduskaabel PPJ**

#### **Wiring cables. PVC-sheathed wiring cable PPJ**

Keel: et

Asendatud järgmise dokumendiga: EVS 720:2015

### **EVS-EN 60127-3:2001**

#### **Väikesulavkaitsmed. Osa 3: Pisisulavpanused**

#### **Miniature fuses - Part 3: Sub-miniature fuse-links**

Keel: en

Alusdokumendid: IEC 127-3 + A1 + Corr.:1988; EN 60127-3:1996 + Corr.:1996

Asendatud järgmise dokumendiga: EVS-EN 60127-3:2015

Muudetud järgmise dokumendiga: EVS-EN 60127-3:2001/A2:2003

### **EVS-EN 60127-3:2001/A2:2003**

#### **Väikesulavkaitsmed. Osa 3: Pisisulavpanused**

#### **Miniature fuses - Part 3: Sub-miniature fuse-links**

Keel: en

Alusdokumendid: IEC 60127-3:1988/A2:2002; EN 60127-3:1996/A2:2003

Asendatud järgmise dokumendiga: EVS-EN 60127-3:2015

### **EVS-EN 60809:2006**

#### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en

Alusdokumendid: IEC 60809:1995; EN 60809:1996

Asendatud järgmise dokumendiga: EVS-EN 60809:2015

Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A1:2006

Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A2:2006

Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A3:2006

Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A4:2009

Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A5:2012

#### **EVS-EN 60809:2006/A1:2006**

### **Amendment 1 - Filament lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en

Alusdokumendid: IEC 60809:1995/A1:1996; EN 60809:1996/A1:1996

Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A2:2006**

### **Amendment 2 - Filament lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en

Alusdokumendid: IEC 60809:1995/A2:2002; EN 60809:1996/A2:2002

Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A3:2006**

### **Amendment 3 - Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en

Alusdokumendid: IEC 60809:1995/A3:2004; EN 60809:1996/A3:2004

Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A4:2009**

### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en

Alusdokumendid: IEC 60809:1995/A4:2009; EN 60809:1996/A4:2009

Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A5:2012**

### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en

Alusdokumendid: IEC 60809:1995/A5:2012; EN 60809:1996/A5:2012

Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60810:2004**

### **Lamps for road vehicles - Performance requirements**

Keel: en

Alusdokumendid: IEC 60810:2003; EN 60810:2003

Asendatud järgmise dokumendiga: EVS-EN 60810:2015

Muudetud järgmise dokumendiga: EVS-EN 60810:2004/A1:2008

Muudetud järgmise dokumendiga: EVS-EN 60810:2004/A2:2013

#### **EVS-EN 60810:2004/A1:2008**

### **Lamps for road vehicles - Performance requirements**

Keel: en

Alusdokumendid: IEC 60810:2003/A1:2008; EN 60810:2003/A1:2008

Asendatud järgmise dokumendiga: EVS-EN 60810:2015

#### **EVS-EN 60810:2004/A2:2013**

### **Lamps for road vehicles - Performance requirements (IEC 60810:2003/A2:2013)**

Keel: en

Alusdokumendid: IEC 60810:2003/A2:2013; EN 60810:2003/A2:2013

Asendatud järgmise dokumendiga: EVS-EN 60810:2015

#### **EVS-EN 62246-1:2011**

### **Reed switches - Part 1: Generic specification**

Keel: en

Alusdokumendid: IEC 62246-1:2011; EN 62246-1:2011

Asendatud järgmise dokumendiga: EVS-EN 62246-1:2015

#### **EVS-EN 62271-104:2009**

### **High-voltage switchgear and controlgear -- Part 104: Alternating current switches for rated voltages of 52 kV and above**

Keel: en  
Alusdokumendid: IEC 62271-104:2009; EN 62271-104:2009  
Asendatud järgmise dokumendiga: EVS-EN 62271-104:2015

### **EVS-EN 62275:2009**

#### **Juhistike ehitus. Elektripaigaldiste juhtmeköidised Cable management systems - Cable ties for electrical installations**

Keel: en  
Alusdokumendid: IEC 62275:2006; EN 62275:2009  
Asendatud järgmise dokumendiga: EVS-EN 62275:2015

## **33 SIDETEHNIKA**

### **EVS-EN 60794-3-10:2009**

#### **Optical fibre cables - Part 3-10: Outdoor cables - Family specification for duct, directly buried or lashed aerial optical telecommunication cable**

Keel: en  
Alusdokumendid: IEC 60794-3-10:2009; EN 60794-3-10:2009  
Asendatud järgmise dokumendiga: EVS-EN 60794-3-10:2015  
Parandatud järgmise dokumendiga: EVS-EN 60794-3-10:2009/AC:2009

### **EVS-EN 60794-3-10:2009/AC:2009**

#### **Optical fibre cables -- Part 3-10: Outdoor cables - Family specification for duct, directly buried and lashed aerial optical telecommunication cables**

Keel: en  
Alusdokumendid: EN 60794-3-10:2009/Corr:2009  
Asendatud järgmise dokumendiga: EVS-EN 60794-3-10:2015

### **EVS-EN 61753-031-3:2009**

#### **Fibre optic interconnecting devices and passive components performance standard - Part 031-3: Non-connectorized single-mode 1xN and 2xN non-wavelength-selective branching devices (NWBD) for Category U - Uncontrolled environment**

Keel: en  
Alusdokumendid: IEC 61753-031-3:2009; EN 61753-031-3:2009  
Asendatud järgmise dokumendiga: EVS-EN 61753-031-3:2015

### **EVS-EN 62343-5-1:2009**

#### **Dynamic modules - Test methods - Part 5-1: Dynamic gain tilt equalizer - Response time measurement**

Keel: en  
Alusdokumendid: IEC 62343-5-1:2009; EN 62343-5-1:2009  
Asendatud järgmise dokumendiga: EVS-EN 62343-5-1:2015

## **37 VISUAALTEHNIKA**

### **EVS-ISO 12647-5:2003**

#### **Trükitehnoloogia. Pooltooni värvieralduste ning korrektuuri ja tootetrükkide tootmise protsessijuhtimine. Osa 5: Sõeltrükk Graphic technology - Process control for the manufacture of half-tone colour separations, proof and production prints - Part 5: Screen printing**

Keel: en  
Alusdokumendid: ISO 12647-5:2001

## **43 MAANTEESÕIDUKITE EHITUS**

### **EVS-EN 60809:2006**

#### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en  
Alusdokumendid: IEC 60809:1995; EN 60809:1996  
Asendatud järgmise dokumendiga: EVS-EN 60809:2015  
Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A1:2006  
Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A2:2006  
Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A3:2006

Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A4:2009  
Muudetud järgmise dokumendiga: EVS-EN 60809:2006/A5:2012

#### **EVS-EN 60809:2006/A1:2006**

### **Amendment 1 - Filament lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en  
Alusdokumendid: IEC 60809:1995/A1:1996; EN 60809:1996/A1:1996  
Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A2:2006**

### **Amendment 2 - Filament lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en  
Alusdokumendid: IEC 60809:1995/A2:2002; EN 60809:1996/A2:2002  
Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A3:2006**

### **Amendment 3 - Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en  
Alusdokumendid: IEC 60809:1995/A3:2004; EN 60809:1996/A3:2004  
Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A4:2009**

### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en  
Alusdokumendid: IEC 60809:1995/A4:2009; EN 60809:1996/A4:2009  
Asendatud järgmise dokumendiga: EVS-EN 60809:2015

#### **EVS-EN 60809:2006/A5:2012**

### **Lamps for road vehicles - Dimensional, electrical and luminous requirements**

Keel: en  
Alusdokumendid: IEC 60809:1995/A5:2012; EN 60809:1996/A5:2012  
Asendatud järgmise dokumendiga: EVS-EN 60809:2015

## **47 LAEVAEHITUS JA MERE-EHITISED**

#### **EVS-EN 62320-1:2007**

### **Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) -- Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results**

Keel: en  
Alusdokumendid: IEC 62320-1:2007; EN 62320-1:2007  
Asendatud järgmise dokumendiga: EVS-EN 62320-1:2015  
Muudetud järgmise dokumendiga: EVS-EN 62320-1:2007/A1:2009

#### **EVS-EN 62320-1:2007/A1:2009**

### **Maritime navigation and radiocommunication equipment and systems - Automatic Identification System (AIS) - Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results**

Keel: en  
Alusdokumendid: IEC 62320-1:2007/A1:2008; EN 62320-1:2007/A1:2009  
Asendatud järgmise dokumendiga: EVS-EN 62320-1:2015

## **49 LENNUNDUS JA KOSMOSETEHNIKA**

#### **EVS-EN 13718-2:2008**

### **Meditšiinis kasutatavad liiklusvahendid ja nende varustus. Kiirabilennukid/helikopterid. Osa 2: Kiirabilennukite/helikopterite tootmis- ja tehnilised nõuded Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements of air ambulances**

Keel: en

Alusdokumendid: EN 13718-2:2008  
Asendatud järgmise dokumendiga: EVS-EN 13718-2:2015

#### **EVS-EN 3645-003:2007**

**Aerospace series - Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous - Part 003: Receptacle square flange mounting - Product standard**

Keel: en  
Alusdokumendid: EN 3645-003:2006  
Asendatud järgmise dokumendiga: EVS-EN 3645-003:2015

#### **EVS-EN 3645-008:2007**

**Aerospace series - Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous - Part 008: Non release plug with grounding ring - Product standard**

Keel: en  
Alusdokumendid: EN 3645-008:2007  
Asendatud järgmise dokumendiga: EVS-EN 3645-008:2015

#### **EVS-EN 50389:2005**

**Space product assurance - Wire-wrapping of high-reliability electrical connections  
Space product assurance – Wire-wrapping of high-reliability electrical connections**

Keel: en  
Alusdokumendid: EN 50389:2005  
Asendatud järgmise dokumendiga: EVS-EN 16602-70-30:2014

#### **EVS-EN 9110:2010**

**Quality Management Systems - Requirements for Aviation Maintenance Organizations**

Keel: en  
Alusdokumendid: EN 9110:2010  
Asendatud järgmise dokumendiga: EVS-EN 9110:2015

## **59 TEKSTIILI- JA NAHATEHNOLOOGIA**

#### **CWA 16336:2011**

**Superfine woven wool fabric labelling - Requirements for Super S code definition**

Keel: en  
Alusdokumendid: CWA 16336:2011  
Asendatud järgmise dokumendiga: EVS-EN ISO 18103:2015

#### **EVS-EN ISO 14931:2005**

**Leather - Guide to the selection of leather for apparel (excluding furs)**

Keel: en  
Alusdokumendid: ISO 14931:2004; EN ISO 14931:2004  
Asendatud järgmise dokumendiga: EVS-EN ISO 14931:2015

#### **EVS-EN ISO 17070:2006**

**Nahk. Keemilised katsetused. Pentakloorfenoolisisalduse määramine  
Leather - Chemical tests - Determination of pentachlorophenol content**

Keel: en  
Alusdokumendid: ISO 17070:2006; EN ISO 17070:2006  
Asendatud järgmise dokumendiga: EVS-EN ISO 17070:2015

#### **EVS-EN ISO 17228:2006**

**Leather - Tests for colour fastness - Change in colour with accelerated ageing**

Keel: en  
Alusdokumendid: ISO 17228:2005; EN ISO 17228:2006  
Asendatud järgmise dokumendiga: EVS-EN ISO 17228:2015

## 65 PÖLLUMAJANDUS

### **EVS-EN 13790-1:2005**

**Põllumajandusmasinad. Taimekaitsepritsid. Kasutuses olevate pritside ülevaatus. Osa 1: Põllukultuuride pritsid**  
**Agricultural machinery - Sprayers - Inspection of sprayers in use - Part 1: Field crop sprayers**

Keel: en, et

Alusdokumendid: EN 13790-1:2003

Asendatud järgmise dokumendiga: EVS-EN ISO 16122-2:2015

### **EVS-EN 13790-2:2006**

**Põllumajandusmasinad. Taimekaitsepritsid. Kasutuses olevate pritside ülevaatus. Osa 2: Põõsaste ja viljapuude pneumaatilised pritsid**  
**Agricultural machinery - Sprayers - Inspection of sprayers in use - Part 2: Air-assisted sprayers for bush and tree crops**

Keel: en, et

Alusdokumendid: EN 13790-2:2003

Asendatud järgmise dokumendiga: EVS-EN ISO 16122-3:2015

## 71 KEEMILINE TEHNOLOOGIA

### **EVS-EN 1018:2013**

**Chemicals used for treatment of water intended for human consumption - Calcium carbonate**

Keel: en

Alusdokumendid: EN 1018:2013

Asendatud järgmise dokumendiga: EVS-EN 1018:2013+A1:2015

### **EVS-EN 12876:2009**

**Chemicals used for treatment of water intended for human consumption - Oxygen**

Keel: en

Alusdokumendid: EN 12876:2009

Asendatud järgmise dokumendiga: EVS-EN 12876:2015

### **EVS-EN 12926:2008**

**Chemicals used for treatment of water intended for human consumption - Sodium peroxodisulfate**

Keel: en

Alusdokumendid: EN 12926:2008

Asendatud järgmise dokumendiga: EVS-EN 12926:2015

### **EVS-EN 13176:2008**

**Chemicals used for treatment of water intended for human consumption - Ethanol**

Keel: en

Alusdokumendid: EN 13176:2008

Asendatud järgmise dokumendiga: EVS-EN 13176:2015

### **EVS-EN 13194:2008**

**Chemicals used for treatment of water intended for human consumption - Acetic acid**

Keel: en

Alusdokumendid: EN 13194:2008

Asendatud järgmise dokumendiga: EVS-EN 13194:2015

### **EVS-EN 15030:2012**

**Chemicals used for treatment of water intended for human consumption - Silver salts for intermittent use**

Keel: en

Alusdokumendid: EN 15030:2012

Asendatud järgmise dokumendiga: EVS-EN 15030:2012+A1:2015

### **EVS-EN 61010-2-081:2003**

**Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-081: Erinõuded laboratoorsetele automaatsetele ja poolautomaatsetele analüüsi- ja muuotstarbelistele seadmetele**  
**Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes**

Keel: en

Alusdokumendid: IEC 61010-2-081:2001; EN 61010-2-081:2002

Asendatud järgmise dokumendiga: EVS-EN 61010-2-081:2015

Muudetud järgmise dokumendiga: EVS-EN 61010-2-081:2003/A1:2004

### **EVS-EN 61010-2-081:2003/A1:2004**

**Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-081: Erinõuded laboratoorsetele automaatsetele ja poolautomaatsetele analüüsi- ja muuotstarbelistele seadmetele**  
**Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes**

Keel: en

Alusdokumendid: IEC 61010-2-081:2001/A1:2003; EN 61010-2-081:2002/A1:2003

Asendatud järgmise dokumendiga: EVS-EN 61010-2-081:2015

### **EVS-EN ISO 10439:2003**

**Petroleum, chemical and gas service industries - Centrifugal compressors**

Keel: en

Alusdokumendid: ISO 10439:2002; EN ISO 10439:2002

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-1:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-2:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-3:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-4:2015

### **EVS-EN ISO 6141:2006**

**Gas analysis - Requirements for certificates for calibration gases and gas mixtures**

Keel: en

Alusdokumendid: ISO 6141:2000; EN ISO 6141:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 6141:2015

## **75 NAFTA JA NAFTATEHNOLOOGIA**

### **EVS-EN 15105:2011**

**Solid biofuels - Determination of the water soluble chloride, sodium and potassium content**

Keel: en

Alusdokumendid: EN 15105:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 16995:2015

### **EVS-EN ISO 10439:2003**

**Petroleum, chemical and gas service industries - Centrifugal compressors**

Keel: en

Alusdokumendid: ISO 10439:2002; EN ISO 10439:2002

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-1:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-2:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-3:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 10439-4:2015

### **EVS-EN ISO 3679:2004**

**Determination of flash point - Rapid equilibrium closed cup method**

Keel: en

Alusdokumendid: ISO 3679:2004; EN ISO 3679:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 3679:2015

### **EVS-EN ISO 3680:2004**

**Determination of flash/no flash - Rapid equilibrium closed cup method**

## Determination of flash/no flash — Rapid equilibrium closed cup method

Keel: en

Alusdokumendid: ISO 3680:2004; EN ISO 3680:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 3679:2015

## 77 METALLURGIA

### EVS-EN 1559-4:2000

**Metallvalu. Tehnilised tarnetingimused. Osa 4: Lisanõuded alumiiniumisulamist valandite kohta**  
**Founding - Technical conditions of delivery - Part 4: Additional requirements for aluminium alloy castings**

Keel: en

Alusdokumendid: EN 1559-4:1999

Asendatud järgmise dokumendiga: EVS-EN 1559-4:2015

### EVS-EN ISO 6508-1:2006

**Metallic materials - Rockwell hardness test - Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T)**

Keel: en

Alusdokumendid: ISO 6508-1:2005; EN ISO 6508-1:2005

Asendatud järgmise dokumendiga: EVS-EN ISO 6508-1:2015

### EVS-EN ISO 6508-2:2006

**Metallic materials - Rockwell hardness test - Part 2: Verification and calibration of testing machines (scales A, B, C, D, E, F, G, H, K, N, T)**

Keel: en

Alusdokumendid: ISO 6508-2:2005; EN ISO 6508-2:2005

Asendatud järgmise dokumendiga: EVS-EN ISO 6508-2:2015

### EVS-EN ISO 6508-3:2006

**Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks (scales A, B, C, D, E, F, G, H, K, N, T)**

Keel: en

Alusdokumendid: ISO 6508-3:2005; EN ISO 6508-3:2005

Asendatud järgmise dokumendiga: EVS-EN ISO 6508-3:2015

## 83 KUMMI- JA PLASTITÖÖSTUS

### EVS-EN 16153:2013

**Valgust läbilaskvad tasapinnalised mitmekihilised polükarbonaat(PK)plaadid kasutamiseks katustes, seintes ja lagedes nii sise- kui välistingimustes. Nõuded ja katsemeetodid**  
**Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings - Requirements and test methods**

Keel: en

Alusdokumendid: EN 16153:2013

Asendatud järgmise dokumendiga: EVS-EN 16153:2013+A1:2015

### EVS-EN ISO 1873-1:2000

**Plastid. Polüpropüleenist (PP) vormimis- ja ekstrusioonimaterjalid. Osa 1: Tähistussüsteem ja tehniliste andmete alused**

**Plastics - Polypropylene (PP) moulding and extrusion materials - Part 1: Designation system and basis for specifications**

Keel: en

Alusdokumendid: ISO 1873-1:1995; EN ISO 1873-1:1995

Asendatud järgmise dokumendiga: EVS-EN ISO 19069-1:2015

### EVS-EN ISO 1874-1:2010

**Plastics - Polyamide (PA) moulding and extrusion materials - Part 1: Designation system and basis for specification (ISO 1874-1:2010)**

Keel: en

Alusdokumendid: ISO 1874-1:2010; EN ISO 1874-1:2010

Asendatud järgmise dokumendiga: EVS-EN ISO 16396-1:2015



## 85 PABERITEHNOLOOGIA

### EVS-EN ISO 12625-9:2005

#### Tissue paper and tissue products - Part 9: Determination of ball burst strength

Keel: en

Alusdokumendid: ISO 12625-9:2005; EN ISO 12625-9:2005

Asendatud järgmise dokumendiga: EVS-EN ISO 12625-9:2015

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

### EVS-EN ISO 3679:2004

#### Determination of flash point - Rapid equilibrium closed cup method

Keel: en

Alusdokumendid: ISO 3679:2004; EN ISO 3679:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 3679:2015

### EVS-EN ISO 3680:2004

#### Determination of flash/no flash - Rapid equilibrium closed cup method Determination of flash/no flash — Rapid equilibrium closed cup method

Keel: en

Alusdokumendid: ISO 3680:2004; EN ISO 3680:2004

Asendatud järgmise dokumendiga: EVS-EN ISO 3679:2015

## 91 EHITUSMATERJALID JA EHITUS

### EVS-EN 12050-2:2001

#### Reoveepumplad. Ehitamise ja katsetamise põhimõtted. Osa 2: Fekaalivaba heitvee pumplad Wastewater lifting plants for buildings and sites - Principles of construction and testing - Part 2: Lifting plants for faecal-free wastewater

Keel: en

Alusdokumendid: EN 12050-2:2000

Asendatud järgmise dokumendiga: EVS-EN 12050-2:2015

### EVS-EN 12050-3:2001

#### Reoveepumplad. Ehitamise ja katsetamise põhimõtted. Osa 3: Reovee piiratud rakendusega pumplad Wastewater lifting plants for buildings and sites - Principles of construction and testing - Part 3: Lifting plants for wastewater containing faecal matter for limited applications

Keel: en

Alusdokumendid: EN 12050-3:2000

Asendatud järgmise dokumendiga: EVS-EN 12050-3:2015

### EVS-EN 12050-4:2001

#### Reoveepumplad. Ehitamise ja katsetamise põhimõtted. Osa 4: Fekaalivabale heitvee ja reovee tagasilöögiklapid Wastewater lifting plants for buildings and sites - Principles of construction and testing - Part 4: Non-return valves for faecal-free wastewater and wastewater containing faecal matter

Keel: en

Alusdokumendid: EN 12050-4:2000

Asendatud järgmise dokumendiga: EVS-EN 12050-4:2015

### EVS-EN 12057:2004

#### Looduslikust kivist tooted. Moodulplaadid. Nõuded Natural stone products - Modular tiles - Requirements

Keel: en

Alusdokumendid: EN 12057:2004

Asendatud järgmise dokumendiga: EVS-EN 12057:2015

### EVS-EN 12058:2004

#### Looduslikust kivist tooted. Põranda- ja trepiplaadid. Nõuded Natural stone products - Slabs for floors and stairs - Requirements

Keel: en

Alusdokumendid: EN 12058:2004  
Asendatud järgmise dokumendiga: EVS-EN 12058:2015

#### **EVS-EN 12480:2002**

### **Gaasiarvestid. Rootorarvestid Gas meters - Rotary displacement gas meters**

Keel: en  
Alusdokumendid: EN 12480:2002  
Asendatud järgmise dokumendiga: EVS-EN 12480:2015  
Muudetud järgmise dokumendiga: EVS-EN 12480:2002/A1:2006

#### **EVS-EN 12480:2002/A1:2006**

### **Gaasiarvestid. Rootorarvestid Gas meters - Rotary displacement gas meters**

Keel: en  
Alusdokumendid: EN 12480:2002/A1:2006  
Asendatud järgmise dokumendiga: EVS-EN 12480:2015

#### **EVS-EN 13165:2012**

### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud jäigast vahtpolüuretaanvahust (PUR) tooted. Spetsifikatsioon Thermal insulation products for buildings - Factory made rigid polyurethane foam (PU) products - Specification**

Keel: en  
Alusdokumendid: EN 13165:2012  
Asendatud järgmise dokumendiga: EVS-EN 13165:2012+A1:2015

#### **EVS-EN 13166:2012**

### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fenoolvahust (PF) tooted. Spetsifikatsioon Thermal insulation products for buildings - Factory made phenolic foam (PF) products - Specification**

Keel: en  
Alusdokumendid: EN 13166:2012  
Asendatud järgmise dokumendiga: EVS-EN 13166:2012+A1:2015

#### **EVS-EN 13167:2012**

### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud vahtklaasist (CG) tooted. Spetsifikatsioon Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification**

Keel: en  
Alusdokumendid: EN 13167:2012  
Asendatud järgmise dokumendiga: EVS-EN 13167:2012+A1:2015

#### **EVS-EN 13168:2012**

### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fibroliidist (WW) tooted. Spetsifikatsioon Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification**

Keel: en  
Alusdokumendid: EN 13168:2012  
Asendatud järgmise dokumendiga: EVS-EN 13168:2012+A1:2015

#### **EVS-EN 13169:2012**

### **Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud perliidist (EPB) tooted. Spetsifikatsioon Thermal insulation products for buildings - Factory made expanded perlite board (EPB) products - Specification**

Keel: en  
Alusdokumendid: EN 13169:2012  
Asendatud järgmise dokumendiga: EVS-EN 13169:2012+A1:2015

### **EVS-EN 13170:2012**

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud korgist (ICB) tooted. Spetsifikatsioon**  
**Thermal insulation products for buildings - Factory made products of expanded cork (ICB) - Specification**

Keel: en  
Alusdokumendid: EN 13170:2012  
Asendatud järgmise dokumendiga: EVS-EN 13170:2012+A1:2015

### **EVS-EN 13171:2012**

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud puitkiust (WF) tooted. Spetsifikatsioon**  
**Thermal insulation products for buildings - Factory made wood fibre (WF) products - Specification**

Keel: en  
Alusdokumendid: EN 13171:2012  
Asendatud järgmise dokumendiga: EVS-EN 13171:2012+A1:2015

### **EVS-EN 1469:2005**

**Looduslikust kivist tooted. Välisvooderdusplaadid. Nõuded**  
**Natural stone products - Slabs for cladding - Requirements**

Keel: en  
Alusdokumendid: EN 1469:2004  
Asendatud järgmise dokumendiga: EVS-EN 1469:2015

### **EVS-EN 16012:2012**

**Thermal insulation for buildings - Reflective insulation products - Determination of the declared thermal performance**

Keel: en  
Alusdokumendid: EN 16012:2012  
Asendatud järgmise dokumendiga: EVS-EN 16012:2012+A1:2015

### **EVS-EN 16069:2012**

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud polüetüleenvahust (PEF) tooted. Spetsifikatsioon**  
**Thermal insulation products for buildings - Factory made products of polyethylene foam (PEF) - Specification**

Keel: en  
Alusdokumendid: EN 16069:2012  
Asendatud järgmise dokumendiga: EVS-EN 16069:2012+A1:2015

### **EVS-EN 16153:2013**

**Valgust läbilaskvad tasapinnalised mitmekihilised polükarbonaat(PK)plaadid kasutamiseks katustes, seintes ja lagedes nii sise- kui välistingimustes. Nõuded ja katsemeetodid**  
**Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings - Requirements and test methods**

Keel: en  
Alusdokumendid: EN 16153:2013  
Asendatud järgmise dokumendiga: EVS-EN 16153:2013+A1:2015

## **93 RAJATISED**

### **CEN/TS 1793-4:2003**

**Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - In situ values of sound diffraction**

Keel: en  
Alusdokumendid: CEN/TS 1793-4:2003  
Asendatud järgmise dokumendiga: EVS-EN 1793-4:2015

**EVS-EN 14468-1:2005**

**Table tennis - Part 1: Table tennis tables, functional and safety requirements, test methods**

Keel: en

Alusdokumendid: EN 14468-1:2004

Asendatud järgmise dokumendiga: EVS-EN 14468-1:2015

**EVS-EN 14468-2:2005**

**Table tennis - Part 2: Posts for net assemblies - Requirements and test methods**

Keel: en

Alusdokumendid: EN 14468-2:2005

Asendatud järgmise dokumendiga: EVS-EN 14468-2:2015

**EVS-EN 14533:2003**

**Textiles and textile products - Burning behaviour of bedding items - Classification scheme**

Keel: en

Alusdokumendid: EN 14533:2003

Asendatud järgmise dokumendiga: EVS-EN 14533:2015

**EVS-EN 15059:2009**

**Lumekoristusseadmed. Ohutusnõuded  
Snow grooming equipment - Safety requirements**

Keel: en

Alusdokumendid: EN 15059:2009

Asendatud järgmise dokumendiga: EVS-EN 15059:2009+A1:2015

**EVS-EN 60705:2012**

**Household microwave ovens - Methods for measuring performance**

Keel: en

Alusdokumendid: IEC 60705:2010; EN 60705:2012

Asendatud järgmise dokumendiga: EVS-EN 60705:2015

Muudetud järgmise dokumendiga: EVS-EN 60705:2012/A1:2014

**EVS-EN 60705:2012/A1:2014**

**Household microwave ovens - Methods for measuring performance**

Keel: en

Alusdokumendid: IEC 60705:2010/A1:2014; EN 60705:2012/A1:2014

Asendatud järgmise dokumendiga: EVS-EN 60705:2015

**EVS-EN 60730-2-5:2002**

**Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-5:  
Erinõuded automaatsetele elektrilistele põletijuhtimissüsteemidele  
Automatic electrical controls for household and similar use - Part 2-5: Particular requirements  
for automatic electrical burner control systems**

Keel: en

Alusdokumendid: IEC 60730-2-5:2000; EN 60730-2-5:2002

Asendatud järgmise dokumendiga: EVS-EN 60730-2-5:2015

Muudetud järgmise dokumendiga: EVS-EN 60730-2-5:2002/A1:2005

Muudetud järgmise dokumendiga: EVS-EN 60730-2-5:2002/A11:2005

Muudetud järgmise dokumendiga: EVS-EN 60730-2-5:2002/A2:2010

**EVS-EN 60730-2-5:2002/A1:2005**

**Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-5:  
Erinõuded automaatsetele elektrilistele põletijuhtimissüsteemidele  
Automatic electrical controls for household and similar use - Part 2-5: Particular requirements  
for automatic electrical burner control systems**

Keel: en

Alusdokumendid: IEC 60730-2-5:2000/A1:2004; EN 60730-2-5:2002/A1:2004

Asendatud järgmise dokumendiga: EVS-EN 60730-2-5:2015

#### **EVS-EN 60730-2-5:2002/A11:2005**

**Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-5: Erinõuded automaatsetele elektrilistele põletijuhtimissüsteemidele**  
**Automatic electrical controls for household and similar use - Part 2-5: Particular requirements for automatic electrical burner control systems**

Keel: en

Alusdokumendid: EN 60730-2-5:2002/A11:2005

Asendatud järgmise dokumendiga: EVS-EN 60730-2-5:2015

#### **EVS-EN 60730-2-5:2002/A2:2010**

**Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-5: Erinõuded automaatsetele elektrilistele põletijuhtimissüsteemidele**  
**Automatic electrical controls for household and similar use - Part 2-5: Particular requirements for automatic electrical burner control systems**

Keel: en

Alusdokumendid: IEC 60730-2-5:2000/A2:2008; EN 60730-2-5:2002/A2:2010

Asendatud järgmise dokumendiga: EVS-EN 60730-2-5:2015

#### **EVS-EN 71-1:2011+A3:2014**

**Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused**  
**Safety of toys - Part 1: Mechanical and physical properties**

Keel: en, et

Alusdokumendid: EN 71-1:2011+A3:2014

Asendatud järgmise dokumendiga: EVS-EN 71-1:2015

# STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast huvitatul võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

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

Iga arvamusküsitlusele oleva kavandi kohta on esitatud järgnev informatsioon:

- Tähis
- Pealkiri
- Käsitlusala
- Keel (en = inglise; et = eesti)
- Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul
- Asendusseos, selle olemasolul
- Arvamuste esitamise tähtaeg

Kavanditega 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.

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### [EVS-IEC 60050-426:2012/prA1](#)

#### **Rahvusvaheline elektrotehnika sõnastik. Osa 426: Seadmed plahvatusohtlikele keskkondadele International Electrotechnical Vocabulary - Part 426: Equipment for explosive atmospheres**

Standardi EVS-IEC 60050-426:2012 muudatus.

Keel: en

Alusdokumendid: IEC 60050-426/Amd 1:2015

Muudab dokumenti: EVS-IEC 60050-426:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

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

### [FprEN 61078:2015](#)

#### **Reliability block diagrams**

This International Standard aims to: • describe the requirements to apply when reliability block diagrams (RBD) are used in 374 dependability analysis; • describe the procedures for modelling the dependability of a system with reliability block diagrams; • explain how to use RBDs for qualitative and quantitative analysis; • describe the procedures for using the RBD model to calculate availability, failure frequency and reliability measures for different type of systems with constant probabilities, non-repaired blocks or repaired blocks; • propose some theoretical elements to perform the calculations; • explain the relationships with fault tree analysis (IEC 61025) and Markov techniques (IEC 383 61165).

Keel: en

Alusdokumendid: FprEN 61078:2015; IEC 61078:201X (56/1604/CDV) (EQV)

Asendab dokumenti: EVS-EN 61078:2006

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### [FprEN 61703:2015](#)

#### **Mathematical expressions for reliability, availability, maintainability and maintenance support terms**

This International Standard provides mathematical expressions for reliability, availability, maintainability and maintenance support measures defined in IEC 60050-192. According to this standard the dependability [192-01-22] is the ability of an item to perform as and when required and an item [192-01-01] may be an individual part, component, device, functional unit, equipment, subsystem, or system. Due to mathematical constraints, this standard splits the items between the individual items considered as a whole (e.g. individual components) and the systems made of several individual items. It provides general considerations about the mathematical expressions for 246 systems as well individual items but the individual items which are easier to handle are analysed in more detail with regards to the repair aspects.

Keel: en

Alusdokumendid: FprEN 61703:2015; IEC 61703:201X (56/1602/CDV) (EQV)

Asendab dokumenti: EVS-EN 61703:2003

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## FprEN 9130

### Aerospace series - Quality systems - Record retention

1.1 This standard provides guidance for the retention, storage, retrieval and disposal of records whether in hard copy, optical or electronic media. 1.2 This guideline represents an acceptable standard that satisfies the regulatory Authorities requirements, the expectations of the international aerospace industries (Aeronautic, Space) and other applicable requirements.

Keel: en

Alusdokumendid: FprEN 9130

Arvamusküsitluse lõppkuupäev: 02.06.2015

## prEN 16844

### Aesthetic medicine services - Non-surgical medical procedures

This European Standard addresses the requirements for aesthetic medicine services to patients. This European Standard provides recommendations for non-surgical medical procedures for clinical treatment, including the ethical framework and general principles according to which clinical services are provided by all aesthetic practitioners. These recommendations apply before, during and after the procedure. Dentistry procedures and aesthetic surgical procedures covered by EN 16372 are excluded from the scope of this European Standard. Aesthetic non-medical procedures (tattooing and any procedure not affecting tissue deeper than the stratum corneum) which can be legally performed by non-physicians (e.g. tattooist, beauty therapists) are excluded from the scope of this European Standard.

Keel: en

Alusdokumendid: prEN 16844

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 11 TERVISEHOOLDUS

### EN 60601-2-10:2015/FprA1:2015

#### Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators - Proposed Horizontal Standard

Amendment to EN 60601-2-10:2015

Keel: en

Alusdokumendid: EN 60601-2-10:2015/FprA1:2015; IEC 60601-2-10:2012/A1:201X (62D/1222/CDV) (EQV)

Muudab dokumenti: FprEN 60601-2-10

Arvamusküsitluse lõppkuupäev: 02.06.2015

### EN 60601-2-19:2009/FprA1:2015

#### Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators - Proposed Horizontal Standards

Amendment to EN 60601-2-19:2009

Keel: en

Alusdokumendid: EN 60601-2-19:2009/FprA1:2015; IEC 60601-2-19:2009/A1:201X (62D/1209/CDV) (EQV)

Muudab dokumenti: EVS-EN 60601-2-19:2009

Arvamusküsitluse lõppkuupäev: 02.06.2015

### EN 60601-2-20:2009/prA1

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

Amendment to EN 60601-2-20:2009

Keel: en

Alusdokumendid: EN 60601-2-20:2009/prA1; IEC 60601-2-20:2009/A1:201X (62D/1210/CDV) (EQV)

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

Arvamusküsitluse lõppkuupäev: 02.06.2015

### EN 60601-2-21:2009/FprA1:2015

#### Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers - Proposed Horizontal Standards

Amendment to EN 60601-2-21:2009

Keel: en

Alusdokumendid: EN 60601-2-21:2009/FprA1:2015; IEC 60601-2-21:2009/A1:201X (62D/1211/CDV) (EQV)

Muudab dokumenti: EVS-EN 60601-2-21:2009

Arvamusküsitluse lõppkuupäev: 02.06.2015

### **EN 60601-2-3:2012/FprA1:2015**

#### **Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment - Proposed Horizontal Standard**

Amendment to EN 60601-2-3:2012

Keel: en

Alusdokumendid: EN 60601-2-3:2012/FprA1:2015; IEC 60601-2-3:2012/A1:201X (62D/1220/CDV) (EQV)

Muudab dokumenti: FprEN 60601-2-3

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **EN 60601-2-50:2009/FprA1:2015**

#### **Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment - Proposed Horizontal Standards**

Amendment to EN 60601-2-50:2009

Keel: en

Alusdokumendid: EN 60601-2-50:2009/FprA1:2015; IEC 60601-2-50:2009/A1:201X (62D/1213/CDV) (EQV)

Muudab dokumenti: EVS-EN 60601-2-50:2009

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **EN 60601-2-6:2012/FprA1:2015**

#### **Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment - Proposed Horizontal Standard**

Amendment to EN 60601-2-6:2012

Keel: en

Alusdokumendid: IEC 60601-2-6:2012/A1:201X (62D/1221/CDV) (EQV); EN 60601-2-6:2012/FprA1:2015

Muudab dokumenti: FprEN 60601-2-6

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **EN 80601-2-35:2009/FprA1:2015**

#### **Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use**

Amendment to EN 80601-2-35:2009

Keel: en

Alusdokumendid: EN 80601-2-35:2009/FprA1:2015; IEC 80601-2-35:2009/A1:201X (62D/1212/CDV) (EQV)

Muudab dokumenti: EVS-EN 80601-2-35:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN ISO 4074**

#### **Natural rubber latex male condoms - Requirements and test methods (ISO/FDIS 4074:2015)**

This International Standard specifies requirements and test methods for male condoms made from natural rubber latex.

Keel: en

Alusdokumendid: FprEN ISO 4074; ISO/FDIS 4074:2015

Asendab dokumenti: EVS-EN ISO 4074:2002

Asendab dokumenti: EVS-EN ISO 4074:2002/AC:2008

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 16844**

#### **Aesthetic medicine services - Non-surgical medical procedures**

This European Standard addresses the requirements for aesthetic medicine services to patients. This European Standard provides recommendations for non-surgical medical procedures for clinical treatment, including the ethical framework and general principles according to which clinical services are provided by all aesthetic practitioners. These recommendations apply before, during and after the procedure. Dentistry procedures and aesthetic surgical procedures covered by EN 16372 are excluded from the scope of this European Standard. Aesthetic non-medical procedures (tattooing and any procedure not affecting tissue deeper than the stratum corneum) which can be legally performed by non-physicians (e.g. tattooist, beauty therapists) are excluded from the scope of this European Standard.

Keel: en

Alusdokumendid: prEN 16844

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 18739**

#### **Dentistry - Vocabulary of process chain for CAD/CAM systems (ISO/DIS 18739:2015)**



This International Standard specifies terms, synonyms for terms and definitions used in the process chain for CAD/CAM systems in dentistry.

Keel: en

Alusdokumendid: prEN ISO 18739; ISO/DIS 18739:2015

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 2157**

#### **Dentistry - Nominal diameters and designation code numbers for rotary instruments (ISO/DIS 2157:2015)**

This International Standard specifies the nominal diameters of the working parts of dental rotary instruments, for example burs, laboratory burs, grinding instruments, diamond instruments, mandrels, etc. and the corresponding designation.

Keel: en

Alusdokumendid: ISO/DIS 2157:2015; prEN ISO 2157 rev

Asendab dokumenti: EVS-EN ISO 2157:1999

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 4823**

#### **Dentistry - Elastomeric impression materials (ISO/FDIS 4823:2015)**

This International Standard specifies the requirements and tests that the state-of-the art body of knowledge suggests for helping determine whether the elastomeric impression materials, as prepared for retail marketing, are of the quality needed for their intended purposes. NOTE This International Standard does not address possible biological hazards associated with the materials. Therefore, interested parties are encouraged to explore ISO 7405 and ISO 10993 for assessment of such hazards.

Keel: en

Alusdokumendid: prEN ISO 4823; ISO/FDIS 4823:2015

Asendab dokumenti: EVS-EN ISO 4823:2001

Asendab dokumenti: EVS-EN ISO 4823:2001/A1:2008

Asendab dokumenti: EVS-EN ISO 4823:2001/AC:2013

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**

### **EN ISO 13849-1:2008/FprA1**

#### **Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design - Amendment 1 (ISO 13849-1:2006/FDAM 1:2015)**

Amendment to EN ISO 13849-1:2008

Keel: en

Alusdokumendid: EN ISO 13849-1:2008/FprA1; ISO 13849-1:2006/FDAM 1:2015

Muudab dokumenti: EVS-EN ISO 13849-1:2008

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **EVS-EN ISO 28927-5:2010/FprA1**

#### **Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 5: Drills and impact drills (ISO 28927-5:2009/FDAM 1:2015)**

Amendment to EN ISO 28927-5:2009

Keel: en

Alusdokumendid: EN ISO 28927-5:2009/FprA1; ISO 28927-5:2009/FDAM 1:2015

Muudab dokumenti: EVS-EN ISO 28927-5:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **EVS-EN ISO 28927-8:2010/FprA1**

#### **Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action (ISO 28927 8:2009/AMD 1:2015)**

Amendment to EN ISO 28927-8:2009

Keel: en

Alusdokumendid: EN ISO 28927-8:2009/FprA1; ISO 28927 8:2009/AMD 1:2015

Muudab dokumenti: EVS-EN ISO 28927-8:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 16841-1

#### **Ambient air - Determination of odour in ambient air by using field inspection - Part 1: Grid method**

This European Standard describes the grid method for the determination of the level of exposure to ambient odours in a defined area of study, using direct observation of recognisable odours in the field by human panel members. It provides a set of instructions for measurement of ambient odour exposure within a defined assessment area, using qualified human panel members, over a sufficiently long period of time to be representative for the meteorological conditions of that location (or in exceptional cases a relevant set of meteorological conditions), and hence determine the distribution of the frequency of exposure to odours within the assessment area. The sources of the odour under study may be located within or outside the assessment area. The primary application of this standard is to provide a common basis for evaluation of exposure to ambient odours in the member states of the European Union. The field of application of this type of measurement is the frequency of odour hours for an assessment square defined by four measurement points as a representative value for odour exposure for local conditions, e.g. local odour sources and the meteorology of that location. This European Standard does not include: - the measurement of intensity of ambient odours - the measurement of hedonic tone of ambient odours - the calculation of odour exposure in specific weather conditions in order to determine the frequency distribution of recognisable odour in an odour plume - the calculation of estimated source emission rate from plume assessment using reverse dispersion modelling. An overview of existing odour exposure assessment methods is given in Annex A including grid method (Part 1), plume method (Part 2) and olfactometry according EN 13725.

Keel: en

Alusdokumendid: prEN 16841-1

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 16841-2

#### **Ambient air - Determination of odour in ambient air by using field inspection - Part 2: Plume method**

This European Standard describes the plume method for determining the extent of detectable and recognisable odour from a specific source using direct observation in the field by human panel members under specific meteorological conditions. With the plume method the presence or absence (YES/NO) of recognisable odours from a specific odour emission source, under a specified emission situation and meteorological conditions (specific wind direction, wind speed and boundary layer turbulence) is determined. The unit of measurement is the presence or absence of recognisable odours at a particular downwind location. The extent of the plume is assessed as the transition of absence to presence of recognisable odour. The primary application of this standard is to provide a common basis for the determination of the plume extent in the member states of the European Union. The results are typically used to determine a plausible extent of potential exposure to recognisable odours, or to estimate the total emission rate using reverse dispersion modelling. The field of application of this European Standard includes the determination of the extent of the recognisable odour plume downwind from a source, under specific meteorological conditions (e.g. wind direction, wind speed, turbulence...) This European Standard does not include: - the measurement of the frequency of occurrence of odour hours as a representative value for the average meteorology of a location - the measurement of intensity of ambient odours - the measurement of hedonic tone of ambient odours - the calculation of estimated source emission rate from the plume extent using reverse dispersion modelling. An overview of existing odour exposure assessment methods is given in Annex A including grid method (Part 1), plume method (Part 2) and olfactometry according EN 13725.

Keel: en

Alusdokumendid: prEN 16841-2

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 16846-1

#### **Photocatalysis - Batch mode test methods - Part 1: Measurement of efficiency of photocatalytic devices used for the elimination of VOC and odour in indoor air in active mode**

This part describes the methodologies to be used in a laboratory air tight chamber to test prototype or commercial air cleaner systems with a maximum flow rate of 1,000 m<sup>3</sup>/h used for the indoor air remediation. It applies to the treatment of atmospheres that are representative of the air inside buildings and workplaces. This protocol applies solely to photocatalytic systems alone or to combined systems that include a photocatalytic function. This photocatalytic function is demonstrated by verifying the mineralisation of model VOCs to form CO<sub>2</sub>.

Keel: en

Alusdokumendid: prEN 16846-1

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 16848

#### **Bio-based products - Template for B2B reporting and communication of characteristics - Data sheet**

This European Standard specifies a template for the reporting and communication of characteristics, including recovery and disposal options, of bio-based products designed for business to business transactions. This horizontal European Standard is intended to be used as a tool to generate and transfer information in the industrial chain and/or as an input for product specific standards and certification schemes. This European Standard does not contain requirements for bio-based products, but requirements for claims about bio-based products. Business to consumer communication is not covered by this standard

Keel: en

Alusdokumendid: prEN 16848

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 61005

#### **Radiation protection instrumentation - Neutron ambient dose equivalent (rate) meters**

This International Standard is applicable to assemblies designed to measure the ambient dose equivalent (rate) due to neutron radiation in fields that contain neutrons with energies below 20 MeV, and which comprise at least: a) a detection assembly, which may, for example, consist of a detector probe for thermal neutrons and an arrangement of neutron moderating and absorbing media surrounding the detector; b) a measuring assembly with a display for the measured quantity, which may be incorporated into a single assembly with the detector or connected to it by means of a flexible cable. Instruments with energy range up to 20 MeV are covered by this standard. If the instrument also provides indication of the neutron dose, it should meet the neutron dose requirements stated in this standard.

Keel: en

Alusdokumendid: prEN 61005; IEC 61005:2014

Asendab dokumenti: EVS-EN 61005:2004

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 62694

#### **Radiation protection instrumentation - Backpack-type radiation detector (BRD) for the detection of illicit trafficking of radioactive material**

This Standard applies to backpack-type radiation detectors (BRDs) that are used for the detection of illicit trafficking of radioactive material. This standard establishes the operational and performance requirements for BRDs. BRDs are portable instruments designed to be worn during use. They may also be used as temporary area monitors in a stand-alone mode

Keel: en

Alusdokumendid: prEN 62694; IEC 62694:2014

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN ISO 14004

#### **Environmental management systems - General guidelines on principles, systems and support techniques (ISO/DIS 14004:2015)**

This International Standard provides guidance on the establishment, implementation, maintenance and improvement of an environmental management system with the potential to integrate it into the core business process. NOTE While the system is not intended to manage occupational health and safety issues, they can be included when an organization seeks to implement an integrated environmental and occupational health and safety management system. The guidelines in this International Standard are applicable to any organization, regardless of its size, type, location or level of maturity. While the guidelines in this International Standard are consistent with the ISO 14001 environmental management system model, they are not intended to provide interpretations of the requirements of ISO 14001.

Keel: en

Alusdokumendid: ISO/DIS 14004:2015; prEN ISO 14004

Asendab dokumenti: EVS-EN ISO 14004:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## 17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

### EN ISO 3745:2012/prA1

#### **Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for anechoic rooms and hemi-anechoic rooms (ISO 3745:2012/DAM 1:2015)**

Amendment to EN ISO 3745:2012

Keel: en

Alusdokumendid: EN ISO 3745:2012/prA1; ISO 3745:2012/DAM 1:2015

Muudab dokumenti: EVS-EN ISO 3745:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 60674-2:2015

#### **Specification for plastic films for electrical purposes - Part 2: Methods of test**

This standard is applicable to plastic films used for electrical purposes. This Part 2 gives methods of test.

Keel: en

Alusdokumendid: FprEN 60674-2:2015; IEC 60674-2:201X (15/742/CDV) (EQV)

Asendab dokumenti: EVS-EN 60674-2:1998/A1:2005

Asendab dokumenti: EVS-EN 60674-2:2006

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 62827-1:2015

#### **Wireless Power Transfer - Management - Part 1: Common Components (TA 15)**

This International Standard specifies common components of management for multiple sources and devices in wireless power transfer system, and justifies various functions for wireless power transfer. This part of IEC 62827 defines the reference models for possible configurations of wireless power transfer system. The models are specified in additional parts of this standard in more detail. Note: This standard is applied for wireless power transfer system for audio, video and multimedia equipment.

Keel: en

Alusdokumendid: FprEN 62827-1:2015; IEC 62827-1:201X (100/2451/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 16610-28**

#### **Geometrical product specifications (GPS) - Filtration - Part 28: Profile filters: End effects (ISO/DIS 16610-28:2015)**

This part of ISO 16610 provides methods for treating the end effects of linear profile filters where such effects occur.

Keel: en

Alusdokumendid: ISO/DIS 16610-28:2015; prEN ISO 16610-28

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 16610-31**

#### **Geometrical product specifications (GPS) - Filtration - Part 31: Robust profile filters: Gaussian regression filters (ISO/DIS 16610-31:2015)**

This part of ISO 16610 specifies the characteristics of the discrete robust Gaussian regression filter for the evaluation of surface profiles with spike discontinuities such as deep valleys and high peaks.

Keel: en

Alusdokumendid: ISO/DIS 16610-31:2015; prEN ISO 16610-31

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 1938-1**

#### **Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 1: Plain limit gauges of linear size (ISO/DIS 1938-1:2011)**

This International Standard specifies the most important metrological and design characteristics of plain limit gauges of linear size. This International Standard defines the different types of plain limit gauges used to prove conformance with linear dimensional specification associated to linear size. This International Standard also defines the design characteristics and the metrological characteristics for these limit gauges as well as the new or wear limits state Maximum Permissible Errors (MPEs) for these characteristics. This International Standard also describes the use of limit gauges and it covers linear sizes up to 500 mm.

Keel: en

Alusdokumendid: FprEN ISO 1938-1; ISO/FDIS 1938-1:2015

**Arvamusküsitluse lõppkuupäev: 02.05.2015**

## **19 KATSETAMINE**

### **FprEN 61010-2-011:2015**

#### **Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for REFRIGERATED EQUIPMENT**

This clause of Part 1 is applicable, except as follows: 1.1.1 Equipment included in the scope Replacement: Replace the text by the following: This part of IEC 61010 applies to REFRIGERATING EQUIPMENT and any test, measurement, control or laboratory equipment that incorporates a REFRIGERATING SYSTEM as part of the integrated design of the equipment.

Keel: en

Alusdokumendid: FprEN 61010-2-011:2015; IEC 61010-2-011:201X (66/558/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 61010-2-012:2015**

#### **Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment**

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the first paragraph by the following: This Part 2 of IEC 61010 specifies safety requirements for electrical equipment and their accessories within the categories a) through c) whenever that equipment incorporates one or more of the following characteristics: – A REFRIGERATING SYSTEM that is acted on or impacted by an integral heating function such that the combined heating and cooling system generates additional and/or more severe HAZARDS than those for the two systems if treated separately. – The materials being treated in the intended application introduce significant heat into the REFRIGERATING SYSTEM that the cooling system in the application yield additional and/or more severe HAZARDS than those for the cooling system if operated at the maximum RATED ambient alone. – An irradiation function for the materials being treated presenting additional HAZARDS. – A function to expose the materials being treated to excessive humidity, carbon dioxide, salt mist, or other substances which may result in additional

HAZARDS. – A function of MECHANICAL MOVEMENT presenting additional HAZARDS. – Provision for an OPERATOR to walk-in to the operating area to load or unload the materials being treated.

Keel: en

Alusdokumendid: FprEN 61010-2-012:2015; IEC 61010-2-012:201X (66/556/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 02.06.2015

### FprEN 61010-2-120:2015

#### **Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-120: Particular safety requirements for machinery**

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the first paragraph by the following: This Part 2 of IEC 61010 specifies particular safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used, which present HAZARDS from the power driven moving parts according to one or more of the items 1) to 5) used by the equipment for a specific application.

Keel: en

Alusdokumendid: FprEN 61010-2-120:2015; IEC 61010-2-120:201X (66/562/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

### FprEN 61703:2015

#### **Mathematical expressions for reliability, availability, maintainability and maintenance support terms**

This International Standard provides mathematical expressions for reliability, availability, maintainability and maintenance support measures defined in IEC 60050-192. According to this standard the dependability [192-01-22] is the ability of an item to perform as and when required and an item [192-01-01] may be an individual part, component, device, functional unit, equipment, subsystem, or system. Due to mathematical constraints, this standard splits the items between the individual items considered as a whole (e.g. individual components) and the systems made of several individual items. It provides general considerations about the mathematical expressions for 246 systems as well individual items but the individual items which are easier to handle are analysed in more detail with regards to the repair aspects.

Keel: en

Alusdokumendid: FprEN 61703:2015; IEC 61703:201X (56/1602/CDV) (EQV)

Asendab dokumenti: EVS-EN 61703:2003

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### EN 13445-3:2014/prA4

#### **Leekkuumutusega surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design**

Revise Clause 15.

Keel: en

Alusdokumendid: EN 13445-3:2014/prA4

Muudab dokumenti: EVS-EN 13445-3:2014

Arvamusküsitluse lõppkuupäev: 02.06.2015

### EN 13480-8:2012/prA2

#### **Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele**

#### **Metallic industrial piping - Part 8: Additional requirements for aluminium and aluminium alloy piping**

This Part of this European Standard specifies requirements for industrial piping systems made of aluminium and aluminium alloys in addition to the general requirements for industrial piping according to the series of standards EN 13480:2012 and CEN/TR 13480-7:2002. Revision of Annex B "Transition joints"

Keel: en

Alusdokumendid: EN 13480-8:2012/prA2

Muudab dokumenti: EVS-EN 13480-8:2012

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 21007-2

#### **Gas cylinders - Identification and marking using radio frequency identification technology - Part 2: Numbering schemes for radio frequency identification (ISO/DIS 21007-2:2015)**

This part of ISO 21007 establishes a common flexible framework for data structure to enable the unambiguous identification in gas cylinder (GC) applications and for other common data elements in this sector. This part of ISO 21007 enables a structure to allow some harmonization between different systems. However, it does not prescribe any one system and has been written in a non-mandatory style so as not to make it obsolete as technology changes. The main body of this part of ISO 21007 excludes any data elements that form any part of transmission or storage protocols such as headers and checksums. For details on cylinder/tag operations, see Annex A.

Keel: en

Alusdokumendid: prEN 21007-2; ISO/DIS 21007-2:2015

Asendab dokumenti: EVS-EN ISO 21007-2:2013

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 6802**

#### **Rubber and plastics hoses and hose assemblies with wire reinforcements - Hydraulic impulse test with flexing (ISO/DIS 6802:2015)**

This International Standard describes a pressure impulse test with flexing for rubber or plastics hydraulic hoses and hose assemblies. The test is applicable to high-pressure hydraulic hoses and hose assemblies, which are subject to pulsating pressure in service. This standard describes two test methods. When there is not a requirement stated in the product standards, use Method 1. Both test methods can be run with the option of the cool down test. NOTE The method of a pressure impulse test is described in ISO 6803, Rubber or plastics hoses and hose assemblies - Hydraulic-pressure impulse test without flexing.

Keel: en

Alusdokumendid: ISO/DIS 6802:2015; prEN ISO 6802 rev

Asendab dokumenti: EVS-EN ISO 6802:2009

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 7233**

#### **Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum (ISO/DIS 7233:2015)**

This International Standard specifies three methods for determining the resistance to vacuum of hoses and hose assemblies manufactured from plastic or rubber. Applicable dimensions of hoses for each method are as follows: — method A for hoses of nominal bore up to and including 80 mm; — method B for hoses of nominal bore greater than 80 mm; — method C for hoses of all dimensions. Methods A and B can also be used to check the adhesion of the lining to the reinforcement (delamination) in a length of hard-wall hose or hose assembly.

Keel: en

Alusdokumendid: prEN ISO 7233; ISO/DIS 7233:2015

Asendab dokumenti: EVS-EN ISO 7233:2008

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 8331**

#### **Rubber and plastics hoses and hose assemblies - Guidelines for selection, storage, use and maintenance (ISO/DIS 8331:2015)**

This International Standard sets out recommendations designed to maintain rubber and plastics hoses and hose assemblies, prior to use, in a condition as close as possible to the condition they were in when they were received and to obtain the expected service life. NOTE It is intended that this International Standard be used in conjunction with any applicable national statutory regulations.

Keel: en

Alusdokumendid: ISO 8331:2014; prEN ISO 8331

Asendab dokumenti: EVS-EN ISO 8331:2014

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **25 TOOTMISTEHNOLLOOGIA**

### **EVS-EN ISO 28927-5:2010/FprA1**

#### **Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 5: Drills and impact drills (ISO 28927-5:2009/FDAM 1:2015)**

Amendment to EN ISO 28927-5:2009

Keel: en

Alusdokumendid: EN ISO 28927-5:2009/FprA1; ISO 28927-5:2009/FDAM 1:2015

Muudab dokumenti: EVS-EN ISO 28927-5:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **EVS-EN ISO 28927-8:2010/FprA1**

#### **Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action (ISO 28927 8:2009/AMD 1:2015)**

Amendment to EN ISO 28927-8:2009

Keel: en

Alusdokumendid: EN ISO 28927-8:2009/FprA1; ISO 28927 8:2009/AMD 1:2015

Muudab dokumenti: EVS-EN ISO 28927-8:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 61804-3:2015**

#### **Function blocks (FB) for process control and Electronic Device Description Language (EDDL) - Part 3: Electronic Device Description Language (EDDL)**

This part of IEC 61804 specifies the Electronic Device Description Language (EDDL) technology, which enables the integration of real product details using the tools of the engineering life cycle. This part of IEC 61804 specifies EDDL as a generic language for describing the properties of automation system components. EDDL is capable of describing • device parameters and their dependencies; • device functions, for example, simulation mode, calibration; • graphical representations, for example, menus; • interactions with control devices; • graphical representations: – enhanced user interface, – graphing system; • persistent data store.

Keel: en

Alusdokumendid: FprEN 61804-3:2015; IEC 61804-3:201X (65E/451/FDIS) (EQV)

Asendab dokumenti: EVS-EN 61804-3:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 61804-5:2015**

#### **Function blocks (FB) for process control and EDDL - Part 5: EDDL Built-in library**

This part of IEC 61804 specifies the EDDL Built-in library and provides the profiles of the various fieldbuses.

Keel: en

Alusdokumendid: FprEN 61804-5:2015; IEC 61804-5:201X (65E/450/FDIS) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 16845-1**

#### **Photocatalysis - Anti-soiling chemical activity using adsorbed organics under solid/solid conditions - Part 1: Dyes on porous surfaces**

This European standard specifies a test method for the evaluation of the photocatalytic self cleaning performance of materials showing photocatalytic activity, usually based on semiconducting metal oxides such as titanium dioxide, by the measure under solid/solid conditions of the de-colourisation ability of a test sample under illumination with ultraviolet light (UV-A), previously coloured by spreading on it a dye solution and dried. This European standard is intended for use with opaque and rough surfaces of different kinds, such as construction materials in flat sheet, board or plate shape, that are the basic forms of materials for various applications. This European standard also applies to fabric, plastic or composites containing photocatalytic materials that are not soluble in acetone. This European standard does not apply to photocatalytic glass, granular materials (unless they are deposited in compact films or layers over flat solid surface) and flat non porous materials. The method evaluates only the self cleaning ability of the material under ultraviolet light irradiation. It cannot be applicable to evaluate other performance attributes of photocatalytic materials, i.e., decomposition of water contaminants in liquid or gas phases contacting the material, and antifogging and antibacterial actions.

Keel: en

Alusdokumendid: prEN 16845-1

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 11148-13**

#### **Hand-held non-electric power tools - Safety requirements - Part 13: Fastener driving tools (ISO/DIS 11148-13:2015)**

This standard applies to hand-held non-electric power tools driven by rotary or linear motors, powered by compressed air, hydraulic fluid or internal combustion engines and intended to be used by one operator and supported by: - the operator's hand or hands or a suspension, e. g. a balancer. - hand-held tools which are intended to be capable of being fixtured.

Keel: en

Alusdokumendid: ISO/DIS 11148-13:2015; prEN ISO 11148-13

Asendab dokumenti: EVS-EN 792-13:2000+A1:2008

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 17637**

#### **Non-destructive testing of welds - Visual testing of fusion-welded joints (ISO/DIS 17637:2015)**

This International Standard covers the visual testing of fusion welds in metallic materials. It may also be applied to visual testing of the joint prior to welding.

Keel: en

Alusdokumendid: ISO/DIS 17637:2015; prEN ISO 17637 rev

Asendab dokumenti: EVS-EN ISO 17637:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN ISO 17638

#### **Non-destructive testing of welds - Magnetic particle testing (ISO/DIS 17638:2015)**

This International Standard specifies techniques for detection of surface imperfections in welds in ferromagnetic materials, including the heat affected zones, by means of magnetic particle testing. The techniques are suitable for most welding processes and joint configurations. Variations in the basic techniques that will provide a higher or lower test sensitivity, are described in Annex A. This International Standard does not specify acceptance levels of the indications. Further information on acceptance levels for indications may be found in EN 23278 or in product or application standards.

Keel: en

Alusdokumendid: ISO/DIS 17638:2015; prEN ISO 17638 rev

Asendab dokumenti: EVS-EN ISO 17638:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN ISO 17672

#### **Brazing - Filler metals (ISO/DIS 17672:2015)**

This International Standard specifies the compositional ranges of a series of filler metals used for brazing. The filler metals are divided into seven classes, related to their composition, but not necessarily to the major element present. NOTE 1 For the major element(s) present, see Annex A. In the case of composite products, such as flux-coated rods, pastes or plastics tapes, this International Standard covers only the filler metal that forms part of such products. The melting temperatures given in the tables are only approximate, as they necessarily vary within the compositional range of the filler metal. Therefore, they are given only for information. Technical delivery conditions are given for brazing filler metals and products containing brazing filler metals with other constituents such as flux and/or binders. NOTE 2 For some applications, e.g. precious metal jewellery, aerospace and dental, filler metals other than those included in this International Standard are often used and these are covered by other International Standards to which reference can be made.

Keel: en

Alusdokumendid: ISO/DIS 17672:2015; prEN ISO 17672 rev

Asendab dokumenti: EVS-EN ISO 17672:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN ISO 3581

#### **Welding consumables - Covered electrodes for manual metal arc welding of stainless and heat-resisting steels - Classification (ISO/DIS 3581:2015)**

This International Standard specifies requirements for classification of covered electrodes, based on the allweld metal chemical composition, the type of electrode covering and other electrode properties, and the allweld metal mechanical properties, in the as-welded or heat-treated conditions, for manual metal arc welding of stainless and heat-resisting steels. This International Standard is a combined standard providing for classification utilizing a system based upon classification according to nominal composition, or utilizing a system based upon classification according to alloy type. a) Paragraphs and tables which carry the label "classification according to nominal composition" or "ISO 3581-A" are applicable only to products classified to that system. b) Paragraphs and tables which carry the label "classification according to alloy type" or "ISO 3581-B" are applicable only to products classified to that system. c) Paragraphs and tables which carry neither label are applicable to products classified according to either or both systems.

Keel: en

Alusdokumendid: ISO/DIS 3581:2015; prEN ISO 3581 rev

Asendab dokumenti: EVS-EN ISO 3581:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN ISO 5182

#### **Resistance welding - Materials for electrodes and ancillary equipment (ISO/DIS 5182:2015)**

This International Standard specifies the characteristics of materials for resistance welding electrodes and ancillary equipment which are used for carrying current and transmitting force to the work.

Keel: en

Alusdokumendid: prEN ISO 5182; ISO/DIS 5182:2015

Asendab dokumenti: EVS-EN ISO 5182:2009

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN ISO 8502-9

#### **Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 9: Field method for the conductometric determination of water-soluble salts (ISO/DIS 8502-9:2015)**



This part of ISO 8502 describes a field method for the assessment of the total surface density of various water-soluble salts (mostly chlorides and sulfates) on steel surfaces before and/or after surface preparation. The individual surface densities of chlorides, sulfates, etc., cannot be determined by this method. This method assesses ionic contaminants only. These represent the greater part of the contamination.

Keel: en

Alusdokumendid: ISO/DIS 8502-9:2015; prEN ISO 8502-9 rev

Asendab dokumenti: EVS-EN ISO 8502-9:2001

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## 27 ELEKTRI- JA SOOJUSENERGEETIKA

### FprEN 61400-25-2:2015

#### **Wind turbines - Part 25-2: Communications for monitoring and control of wind power plants - Information models**

The focus of the IEC 61400-25 series is on the communications between wind power plant components such as wind turbines and actors such as SCADA systems. Internal communication within wind power plant components is outside the scope of the IEC 61400-25 series. The IEC 61400-25 series is designed for a communication environment supported by a clientserver model. Three areas are defined, that are modelled separately to ensure the scalability of implementations: 1) wind power plant information models, 2) information exchange model, and 3) mapping of these two models to a standard communication profile. The wind power plant information model and the information exchange model, viewed together, constitute an interface between client and server. In this conjunction, the wind power plant information model serves as an interpretation frame for accessible wind power plant data. The wind power plant information model is used by the server to offer the client a uniform, component-oriented view of the wind power plant data. The information exchange model reflects the whole active functionality of the server. The IEC 61400-25 series enables connectivity between a heterogeneous combination of client and servers from different manufacturers and suppliers.

Keel: en

Alusdokumendid: FprEN 61400-25-2:2015; IEC 61400-25-2:201X (88/539/FDIS) (EQV)

Asendab dokumenti: EVS-EN 61400-25-2:2007

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 61730-1:2015

#### **Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction**

This part of IEC 61730 describes the fundamental construction requirements for photovoltaic (PV) modules in order to provide safe electrical and mechanical operation. Specific topics are provided to assess the prevention of electrical shock, fire hazards, and personal injury due to mechanical and environmental stresses. This part of IEC 61730 pertains to the particular requirements of construction. IEC 61730-2 outlines the requirements of testing.

Keel: en

Alusdokumendid: FprEN 61730-1:2015; IEC 61730-1:201X (82/923/CDV) (EQV)

Asendab dokumenti: EVS-EN 61730-1:2007

Asendab dokumenti: EVS-EN 61730-1:2007/A1:2012

Asendab dokumenti: EVS-EN 61730-1:2007/A11:2014

Asendab dokumenti: EVS-EN 61730-1:2007/A2:2013

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 61730-2:2015

#### **Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing**

The scope of IEC 61730-1 is also applicable to this part of the standard. While IEC 61730-1 outlines the requirements of construction, this part of the standard lists the tests a PV module is required to fulfil for safety qualification. IEC 61730-2 is to be applied for safety qualification only in conjunction with IEC 61730-1.

Keel: en

Alusdokumendid: FprEN 61730-2:2015; IEC 61730-2:201X (82/924/CDV) (EQV)

Asendab dokumenti: EVS-EN 61730-2:2007

Asendab dokumenti: EVS-EN 61730-2:2007/A1:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 62282-6-200:2015

#### **Fuel cell technologies - Part 6-200: Micro fuel cell power systems - Performance test methods**

This part of IEC 62282 provides test methods which are required for the performance evaluation of micro fuel cell power systems for laptop computers, mobile phones, personal digital assistants (PDAs), cordless home appliances, TV broadcast cameras, autonomous robots, etc.

Keel: en

Alusdokumendid: FprEN 62282-6-200:2015; IEC 62282-6-200:201X (105/527/CDV) (EQV)

Asendab dokumenti: EVS-EN 62282-6-200:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**EN 60081:1998/FprA6:2015**

**Double-capped fluorescent lamps - Performance specifications**

Amendment to EN 60081:1998

Keel: en

Alusdokumendid: EN 60081:1998/FprA6:2015; IEC 60081:1997/A6:201X (34A/1835/CDV) (EQV)

Muudab dokumenti: EVS-EN 60081:2002

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**EN 61008-1:2012/FprAA:2015**

**Rikkevoolukaitseülilid ilma sisseehitatud liigvoolukaitseta, kasutamiseks majapidamises ja muudel taolistel juhtudel. Osa 1: Üldreeglid**

**Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 1: General rules**

Amendment to EN 61008-1:2012

Keel: en

Alusdokumendid: EN 61008-1:2012/FprAA:2015

Muudab dokumenti: EVS-EN 61008-1:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**EN 61009-1:2012/FprAA:2015**

**Rikkevoolukaitseülilid sisseehitatud liigvoolukaitsega, kasutamiseks majapidamises ja muudel taolistel juhtudel. Osa 1: Üldreeglid**

**Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules**

Amendment to EN 61009-1:2012

Keel: en

Alusdokumendid: EN 61009-1:2012/FprAA:2015

Muudab dokumenti: EVS-EN 61009-1:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**EN 61995-1:2008/FprA1:2015**

**Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements**

Amendment to EN 61995-1:2008

Keel: en

Alusdokumendid: EN 61995-1:2008/FprA1:2015; IEC 61995-1:2005/A1:201X (23B/1177/CDV) (EQV)

Muudab dokumenti: EVS-EN 61995-1:2008

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**EN 61995-2:2009/FprA1:2015**

**Devices for the connection of luminaires for household and similar purposes - Part 2: Standard sheets for DCL**

Amendment to EN 61995-2:2009

Keel: en

Alusdokumendid: EN 61995-2:2009/FprA1:2015; IEC 61995-2:2009/A1:201X (23B/1178/CDV) (EQV)

Muudab dokumenti: EVS-EN 61995-2:2009

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**EVS-IEC 60050-426:2012/prA1**

**Rahvusvaheline elektrotehnika sõnastik. Osa 426: Seadmed plahvatusohtlikele keskkondadele  
International Electrotechnical Vocabulary - Part 426: Equipment for explosive atmospheres**

Standardi EVS-IEC 60050-426:2012 muudatus.

Keel: en

Alusdokumendid: IEC 60050-426/Amd 1:2015

Muudab dokumenti: EVS-IEC 60050-426:2012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 60076-19**

### **Power transformers - Part 19: Rules for the determination of uncertainties in the measurement of the losses on power transformers and reactors**

To illustrate the procedures that should be applied to evaluate the uncertainty affecting the measurements of no-load and load losses during the routine tests on power transformers.

Keel: en

Alusdokumendid: FprEN 60076-19:2015; IEC/TS 60076-19:2013

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 60127-7:2015**

### **Miniature fuses - Part 7: Miniature fuse-links for special applications**

This part of IEC 60127 covers requirements for miniature fuse-links for special applications. It does not apply to fuses completely covered by the subsequent parts of IEC 60269-1. It does not apply to miniature fuse-links for appliances intended to be used under special conditions, such as in corrosive or explosive atmospheres. This standard applies in addition to the requirements of IEC 60127-1. This standard is applicable to fuse-links with a rated voltage not exceeding 1000 V, a rated current not exceeding 20 A and a rated breaking capacity not exceeding 50 kA. Miniature fuse-links for special applications are not intended to be replaced by the end-user of an electrical / electronic appliance. The object of this standard is to establish uniform test methods for miniature fuse-links for special applications, so as to allow verification of the values (for example melting time and breaking capacity values) specified by the manufacturer.

Keel: en

Alusdokumendid: FprEN 60127-7:2015; IEC 60127-7:201X (32C/507/CDV) (EQV)

Asendab dokumenti: EVS-EN 60127-7:2013

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 60674-2:2015**

### **Specification for plastic films for electrical purposes - Part 2: Methods of test**

This standard is applicable to plastic films used for electrical purposes. This Part 2 gives methods of test.

Keel: en

Alusdokumendid: FprEN 60674-2:2015; IEC 60674-2:201X (15/742/CDV) (EQV)

Asendab dokumenti: EVS-EN 60674-2:1998/A1:2005

Asendab dokumenti: EVS-EN 60674-2:2006

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 60702-3:2015**

### **Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 3: Guide to use**

This standard provides a guide to the safe use of electric cables and their terminations covered by the following standards: IEC 60702 Mineral insulated cables with a rated voltage not exceeding 750 V Part 1: Cables Part 2: Terminations

Keel: en

Alusdokumendid: FprEN 60702-3:2015; IEC 60702-3:201X (20/1559/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 62677-2:2015**

### **Heat shrinkable low and medium voltage moulded shapes - Part 2 Methods of test**

This part of IEC 62677 gives methods of test for heat shrinkable low and medium voltage moulded shapes in a range of configurations and materials suitable for insulation, environmental sealing, mechanical protection and strain relief for connector/cable terminations and multi-way transitions. The tests specified are designed to control the quality of the moulded shapes but it is recognized that they are designed to be used in low and medium voltage cable accessories and as such electrical performance must be proven as part of the assembly. Examples of this are described in EN50393, HD 629 and IEC 60502.

Keel: en

Alusdokumendid: IEC 62677-2:201X; FprEN 62677-2:2015

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **prEN 50066**

### **Mini-couplers for the interconnection of electrical mains supplied equipment in road vehicles**

This standard specifies general safety requirements for mini-couplers with a rated current of max 16 A and a rated voltage of 250 V a.c. single phase, applied for the connection or interconnection of mains supplied equipment in road vehicles, e.g. to supply electrical pre-heaters for engines, starter battery chargers and cab heaters. This standard may also be used for mini-couplers for other similar applications. The standard does not apply to: - devices used in flexible supply cables for the connection of household electrical appliances and the like to their supply; - charging of electric vehicles; or - Adaptors, which are considered to be not allowed.

Keel: en

Alusdokumendid: prEN 50066

Asendab dokumenti: EVS-EN 50066:2002

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 50152-3-2

#### **Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-2: Measurement, control and protection devices for specific use in a.c. traction systems - Single-phase current transformers**

This EN 50152-3-2 is applicable to new current transformers which are for indoor or outdoor fixed installations in traction systems, and operated with an a.c. line voltage and frequency as specified in EN 50163. NOTE 1 EN 50163 specifies the a.c. traction systems 15 kV 16,7 Hz and 25 kV 50 Hz. As rails of a.c. traction systems are connected to earth and included in the return current path all phase to earth voltages will be within the tolerances as specified in EN 50163. Nevertheless phase to phase voltages may be higher e.g. in autotransformer systems. Current transformers are mainly used with measurement instruments, protective devices. This EN 50152-3-2 shall also be applied to current transformers other than inductive types as far as reasonably possible. Requirements of this EN 50152-3-2 prevail. NOTE 2 Combined current and voltage transformers are typically not used in fixed installations

Keel: en

Alusdokumendid: prEN 50152-3-2:2015

Asendab dokumenti: EVS-EN 50152-3-2:2002

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 50152-3-3

#### **Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-3: Measurement, control and protection devices for specific use in a.c. traction systems - Single-phase inductive voltage transformers**

This EN 50152-3-3 is applicable to new voltage transformers which are for indoor or outdoor fixed installations in traction systems, and operated with an a.c. line voltage and frequency as specified in EN 50163. NOTE 1 EN 50163 specifies the a.c. traction systems 15 kV 16,7 Hz and 25 kV 50 Hz. As rails of a.c. traction systems are connected to earth and included in the return current path all phase to earth voltages will be within the tolerances as specified in EN 50163. Nevertheless phase to phase voltages may be higher e.g. in autotransformer systems. Voltage transformers are mainly used with measurement instruments, protective devices. This EN 50152-3-3 shall also be applied to voltage transformers other than inductive types as far as reasonably possible. Requirements of this EN 50152-3-3 prevail. NOTE 2 Combined current and voltage transformers also capacitive voltage transformers are typically not used in fixed installations.

Keel: en

Alusdokumendid: prEN 50152-3-3:2015

Asendab dokumenti: EVS-EN 50152-3-3:2002

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 31 ELEKTROONIKA

### FprEN 60603-7-82:2015

#### **Connectors for electronic equipment - Part 7-82: Detail specification for 8-way, shielded, individual pair shielded, free and fixed connectors, for data transmission with frequencies up to 2 000 mhz**

This part of IEC 60603 covers 8-way, 12 contacts, shielded, free and fixed connectors, references dimensional, mechanical, electrical and environmental characteristics and tests in IEC 60603-7-7, and specifies electrical transmission requirements, including power sum alien (exogenous) crosstalk, for frequencies up to 2 000 MHz. These connectors are typically used as "category 8.2" connectors in "class II" cabling systems specified in ISO/IEC TR 11801-9901 and specified in ISO/IEC 11801-1. These connectors are intermateable and interoperable with other IEC 60603-7 series connectors, i.e. as defined in IEC 60603-7-7 and IEC 60603-7-1. These connectors are backward compatible with other IEC 60603-7 series connectors. NOTE Transmission performance categories: in this IEC standard, the term "category", when used in reference to transmission performance, refers to those categories defined by ISO/IEC 11801.

Keel: en

Alusdokumendid: FprEN 60603-7-82:2015; IEC 60603-7-82:201X (48B/2414/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 02.06.2015

### FprEN 61076-3-110:2015

#### **Connectors for electronic equipment - Product requirements - Part 3-110: detail specification for free and fixed connectors for data transmission with frequencies up to 3 000 mhz**

This part of IEC 61076 is a detail specification for two-part rectangular connectors. This detail specification covers mechanical and environmental requirements, and electrical transmission requirements for frequencies up to 3 000 MHz. These connector's transmission requirements are specifically intended for specific pairs of contacts, which are isolated from the other pairs of contacts, such as by means of individual pair shields within the connector. These connectors are similar to, intermateable with, and intended to be used with IEC 60603-7 series connectors.

Keel: en

Alusdokumendid: FprEN 61076-3-110:2015; IEC 61076-3-110:201X (48B/2416/CDV) (EQV)

Asendab dokumenti: EVS-EN 61076-3-110:2012

Arvamusküsitluse lõppkuupäev: 02.06.2015

### FprEN 62129-1:2015

#### Calibration of wavelength/optical frequency measurement instruments - Part 1: Optical spectrum analyzers

This part of IEC 62129 specifies procedures for calibrating an optical spectrum analyser that is developed for use in fibre-optic communications and designed to measure the power distribution of an optical spectrum. It does not apply to an optical wavelength meter that measures only centre wavelengths, a Fabry-Perot interferometer or a monochromator that has no display unit.

Keel: en

Alusdokumendid: FprEN 62129-1:2015; IEC 62129-1:201X (86/477/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 33 SIDETEHNIKA

### EN 60958-3:2006/FprA2:2015

#### Digital audio interface - Part 3: Consumer applications

Amendment to EN 60958-3:2006

Keel: en

Alusdokumendid: EN 60958-3:2006/FprA2:2015; IEC 60958-3:2006/A2:201X (100/2464/FDIS) (EQV)

Muudab dokumenti: EVS-EN 60958-3:2006

Arvamusküsitluse lõppkuupäev: 02.06.2015

### FprEN 60958-4-1:2015

#### Digital audio interface - Part 4-1: Professional applications - Audio Content (TA 4)

This part of IEC 60958-4 specifies the format for coding audio used for the audio content. This is one part of four documents that together specify an interface for the serial digital transmission of two channels of periodically sampled and linearly represented digital audio data from one transmitter to one receiver. It is expected that the audio data will have been sampled at any of the sampling frequencies recognized by the AES5 Recommended Practice for Professional Digital Audio Applications Employing Pulse-Code Modulation — Preferred Sampling Frequencies. The capability of the interface to indicate other sample rates does not imply that it is recommended that equipment support these rates. To eliminate doubt, equipment specifications should define supported sampling frequencies.

Keel: en

Alusdokumendid: FprEN 60958-4-1:2015; IEC 60958-4-1:201X (100/2452/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 02.06.2015

### FprEN 60958-4-2:2015

#### Digital audio interface - Part 4-2: Professional applications - Metadata and subcode (TA 4)

This part of IEC 60958 specifies the format for coding metadata, or subcode, relating to the audio content and carried with it. This is one of four sub-parts that together specify an interface for the serial digital transmission of two channels of periodically sampled and linearly represented digital audio data from one transmitter to one receiver.

Keel: en

Alusdokumendid: FprEN 60958-4-2:2015; IEC 60958-4-2:201X (100/2453/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 02.06.2015

### FprEN 60958-4-4:2015

#### Digital audio interface - Part 4-4: Professional applications - Physical and electrical (TA 4)

This Part of IEC 60958-4 specifies the physical and electrical parameters for different media. It is one of four sub-parts that together specify an interface for the serial digital transmission of two channels of periodically sampled and linearly represented digital audio data from one transmitter to one receiver. The transport format defined in IEC 60958-1 is intended for use with shielded twisted-pair cable of conventional design over distances of up to 100 m without transmission equalization or any special equalization at the receiver and at frame rates of up to 50 kHz. Longer cable lengths and higher frame rates may be used, but with a rapidly increasing requirement for care in cable selection and possible receiver equalization or the use of active repeaters, or both. Provision is made in this standard for adapting the balanced terminals to use 75-Ohm coaxial cable, and transmission by fibre-optic cable is under consideration. The document does not cover connection to any common carrier equipment. In this interface specification, mention is made of an interface for consumer use. The two interfaces are not identical.

Keel: en

Alusdokumendid: FprEN 60958-4-4:2015; IEC 60958-4-4:201X (100/2454/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 02.06.2015

### FprEN 61169-53:2015

## **Radio frequency connectors Part 53: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 16 mm with screw lock - Characteristic impedance 50 Ω (Type S7-16)**

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with threaded coupling, typically for use in 50 Ω cable networks (Type S7-16). It prescribes mating face dimensions for general purpose connectors - grade 2, dimensional details of standard test connectors-grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series 4.1-9.5 RF connectors. This specification indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H. The S7-16 series RF coaxial connectors with nominal impedance 50Ω are threaded coupling units which are used with all kinds of RF cables and microstrips in microwave transmission system. And the working frequency is up to 7.5 GHz. Note: Metric dimension are original dimensions. All undimensioned pictorial configurations are for reference purpose only.

Keel: en

Alusdokumendid: FprEN 61169-53:2015; IEC 61169-53:201X (46F/309/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 62129-1:2015**

### **Calibration of wavelength/optical frequency measurement instruments - Part 1: Optical spectrum analyzers**

This part of IEC 62129 specifies procedures for calibrating an optical spectrum analyser that is developed for use in fibre-optic communications and designed to measure the power distribution of an optical spectrum. It does not apply to an optical wavelength meter that measures only centre wavelengths, a Fabry-Perot interferometer or a monochromator that has no display unit.

Keel: en

Alusdokumendid: FprEN 62129-1:2015; IEC 62129-1:201X (86/477/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 62433-4:2015**

### **EMC IC modelling - Part 4: Models of Integrated Circuits for RF Immunity behavioural simulation - Conducted Immunity modelling (ICIM-CI)**

The objective of this standard is to provide a flow for deriving a macro-model to allow the simulation of the conducted immunity levels of an Integrated Circuit (IC). This model is commonly called Integrated Circuit Immunity Model Conducted Immunity, ICIM-CI. It is intended to be used for predicting the immunity levels to conducted RF disturbances applied on IC pins. In order to evaluate the immunity threshold of an electronic device, this macro-model will be inserted in an electrical circuit simulation tool. This macro-model can be used to model both analogue and digital ICs (input/output, digital core and supply). This macro-model does not take into account the non-linear effects of the IC. The added value of ICIM-CI is that it could also be used for immunity prediction at board and system level through simulations.

Keel: en

Alusdokumendid: FprEN 62433-4:2015; IEC 62433-4:201X (47A/956/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 62702-1-1:2015**

### **Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage**

This international standard specifies a method of data-quality assurance for writable DVD disks (hereinafter disks) which are specified for long term data storage, and a data migration method which can sustain the recorded data on disks for long term audio data preservation. The writable disks include recordable disks such as DVD-R, and +R format, and rewritable disks such as DVD-RW, +RW format and DVD-RAM.

Keel: en

Alusdokumendid: FprEN 62702-1-1:2015; IEC 62702-1-1:201X (100/2449/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **FprEN 62827-1:2015**

### **Wireless Power Transfer - Management - Part 1: Common Components (TA 15)**

This International Standard specifies common components of management for multiple sources and devices in wireless power transfer system, and justifies various functions for wireless power transfer. This part of IEC 62827 defines the reference models for possible configurations of wireless power transfer system. The models are specified in additional parts of this standard in more detail. Note: This standard is applied for wireless power transfer system for audio, video and multimedia equipment.

Keel: en

Alusdokumendid: FprEN 62827-1:2015; IEC 62827-1:201X (100/2451/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**35 INFOTEHNOLOOGIA. KONTORISEADMED**

**EN ISO 11073-20601:2011/FprA1**

## **Health informatics - Personal health device communication - Part 20601: Application profile - Optimized exchange protocol - Amendment 1 (ISO/IEEE 11073-20601:2010/Amd 1:2015)**

Amendment to EN ISO 11073-20601:2011

Keel: en

Alusdokumendid: EN ISO 11073-20601:2011/FprA1; ISO/IEEE 11073-20601:2010/Amd 1:2015

Muudab dokumenti: EVS-EN ISO 11073-20601:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **EN ISO 11073-30200:2005/FprA1**

## **Health informatics - Point-of-care medical device communication - Part 30200: Transport profile - Cable connected - Amendment 1 (ISO/IEEE 11073-30200:2004/Amd 1:2015)**

Amendment to EN ISO 11073-30200:2005

Keel: en

Alusdokumendid: EN ISO 11073-30200:2005/FprA1; ISO/IEEE 11073-30200:2004/Amd 1:2015

Muudab dokumenti: EVS-EN ISO 11073-30200:2005

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 21007-2**

## **Gas cylinders - Identification and marking using radio frequency identification technology - Part 2: Numbering schemes for radio frequency identification (ISO/DIS 21007-2:2015)**

This part of ISO 21007 establishes a common flexible framework for data structure to enable the unambiguous identification in gas cylinder (GC) applications and for other common data elements in this sector. This part of ISO 21007 enables a structure to allow some harmonization between different systems. However, it does not prescribe any one system and has been written in a non-mandatory style so as not to make it obsolete as technology changes. The main body of this part of ISO 21007 excludes any data elements that form any part of transmission or storage protocols such as headers and checksums. For details on cylinder/tag operations, see Annex A.

Keel: en

Alusdokumendid: prEN 21007-2; ISO/DIS 21007-2:2015

Asendab dokumenti: EVS-EN ISO 21007-2:2013

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN ISO 19119**

## **Geographic information - Services (ISO/DIS 19119:2015)**

The scope of this International Standard is as follows: The standard defines requirements for how platform neutral and platform specific specification of services shall be created, in order to allow for one service to be specified independently of one or more underlying distributed computing platforms. The standard defines requirements for a further mapping from platform neutral to platform specific service specifications, in order to enable conformant and interoperable service implementations. This International Standard addresses the Meta:Service foundation of the ISO geographic information reference model described in ISO 19101-1:2014, Clause 6 and 8 respectively. The standard defines how geographic services shall be categorised according to a service taxonomy based on architectural areas, and allows also for services to be categorised according to a usage life cycle perspective, as well as according to domain specific and user defined service taxonomies, providing support or easier publication and discovery of services.

Keel: en

Alusdokumendid: ISO/DIS 19119:2015; prEN ISO 19119 rev

Asendab dokumenti: EVS-EN ISO 19119:2006

Asendab dokumenti: EVS-EN ISO 19119:2006/A1:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **39 TÄPPISMEHAANIKA. JUVEELITOOTED**

### **EN 1811:2011/FprA1:2015**

## **Põhimeetod nikli eraldumise määramiseks needikomplektides, mis läbivad augustatud kehaosi ja toodetes, mida kasutatakse nahaga vahetus pikaajalises kontaktis**

## **Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin**

This European Standard specifies a method for simulating the release of nickel from all post assemblies which are inserted into pierced ears and other pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin in order to determine whether such articles are in compliance with the Commission Regulation (EC) No 552/2009 amending Regulation (EC) No 1907/2006 on REACH as regards Annex XVII. Spectacle frames and sunglasses are excluded from the scope of this European Standard. NOTE Spectacle frames and sunglasses are subject to the requirements of EN 16128:2011 which provides an unchanged re-publication of the technical requirements that had previously been specified in EN 1811:1998, but restricted in scope to apply only to spectacle frames and sunglasses.

Keel: en

Alusdokumendid: EN 1811:2011/FprA1:2015  
Muudab dokumenti: EVS-EN 1811:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## 45 RAUDTEETEHNIKA

### FprEN 62864-1:2015

#### **Railway applications - Rolling stock - Power supply with onboard energy storage system - Part 1: Series hybrid system**

This standard applies to series hybrid systems (electrically connected) with onboard energy storage (hereinafter referred as hybrid system). A hybrid system has two (or more) power sources including energy storage system (ESS) on board to achieve the following features by combining converter and motors and performing energy management control: • improving energy and fuel efficiency, improving acceleration characteristics, increasing running distance and uninterrupted running in the event of the loss of the primary power source (PPS), by using an ESS in addition to the primary power source under conditions where the power and capacity of the power source including regenerative power are limited, thus alleviating those limitations; • reducing fuel consumption, reducing emissions (e.g. CO<sub>2</sub>, NO<sub>x</sub>, PM, etc.); • reducing environmental impact (e.g. visible obstruction, noise, etc.). By extension, systems that have only onboard ESS, without other PPSs, is also considered in this standard.

Keel: en

Alusdokumendid: FprEN 62864-1:2015; IEC 62864-1:201X (9/2000/CDV) (EQV)

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 16432-1

#### **Railway applications - Ballastless track systems - Part 1: General requirements**

This European Standard defines the general requirements concerning the design and acceptance for ballastless track systems. It does not include any requirements for inspecting, maintaining, repairing and replacing ballastless track systems during operation. This standard is applicable for high speed and conventional railway applications up to 250 kN axle load. The application for other tracks (e.g. urban track or industrial lines) is not considered. This standard applies to track systems using slabs as well as: - booted systems; - embedded rail systems; or - other fastening systems. The requirements of this standard apply to ballastless track systems: - for plain track as well as switches and crossings and rail expansion joints; - at transitions between different supporting structures; - at transitions between different ballastless track systems; - at transitions between ballasted and ballastless track systems; - on various supporting structures like embankments and cuttings, tunnels, bridges or similar, with or without floating slabs. NOTE Requirements only for the characterisation of the listed supporting structures above are included in this standard. Design of the supporting structures is covered by other standards, e.g. EN 1992-1-1.

Keel: en

Alusdokumendid: prEN 16432-1:2012

**Arvamusküsitluse lõppkuupäev: 02.05.2015**

### prEN 16834

#### **Railway applications - Braking - Brake performance**

This European Standard defines an harmonized way to assess the braking performance by test of locomotives, passenger coaches, freight wagons and self-propelled passenger trains (EMU/DMU). The European Standard sets out the standardized method for undertaking brake performance tests and the correction factors to be applied to the data obtained for all types of rolling stock. This European Standard also defines the methods to assess the brake performance in terms of stopping distance, and from this the process to determine vehicle(s) deceleration and brake weight. It then deals with conversion of the brake weight to the brake weight percentage of a vehicle or train for operating purposes. It also sets out additional factors when determining the brake weight percentage of a train calculated from specified brake weight, depending on the formation of the train. In Annex D there is a method for determining brake performance of freight wagons fitted with P10 cast iron using limited testing (force measurement).

Keel: en

Alusdokumendid: prEN 16834

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 16839

#### **Railway applications - Rolling stock - Head stock layout**

This European Standard defines the layout of the devices installed on the headstock of vehicles equipped with buffers and screw coupler in order to allow operation and coupling of trainsets or vehicles including rescue condition. The European Standard deals with the defined free space for the shunter called the "Berne rectangle" and the location on the headstock of: — buffers including boundary conditions; — screw coupling systems; — head cocks; — pneumatic half coupling; — (optional) steps and handrails on the front beam (e.g. for use by shunters); — connection for electric cables; It also defines the fixing of certain equipment on the head stock (buffers, screw coupling, connections for brake system and electric system) and the calculation of the width of the buffer plates. All dimensions given in this European Standard are nominal values.

Keel: en

Alusdokumendid: prEN 16839

**Arvamusküsitluse lõppkuupäev: 02.06.2015**



**FprEN ISO 19009****Small craft - Electric navigation lights - Performance of LED lights**

This International Standard applies to requirements and testing for navigation lights with permanently fixed light emitting diode (LED) assemblies for craft of 24 m length of hull and less.

Keel: en

Alusdokumendid: FprEN ISO 19009; ISO/FDIS 19009:2015

Arvamusküsitluse lõppkuupäev: 02.06.2015

**EN 4674-001****Aerospace series - Electrical cables, installation - Self-wrapping shielding (EMI) protective sleeve - Part 001: Technical specification**

This European Standard specifies the general characteristics, qualification and acceptance requirements for self-wrapping shielding (EMI) protective sleeve designed for EMI shielding of cable and cable bundles for aerospace applications

Keel: en

Alusdokumendid: EN 4674-001:2015

Arvamusküsitluse lõppkuupäev: 02.06.2015

**EN 4674-002****Aerospace series - Electrical cables, installation - Self-wrapping shielding (EMI) protective sleeve - Part 002: General and list of product standard**

This European Standard provides a list of all parts and identification information of self-wrapping shielding (EMI) protective sleeve required for the protection of cable and cable bundles for aerospace application.

Keel: en

Alusdokumendid: EN 4674-002:2015

Arvamusküsitluse lõppkuupäev: 02.06.2015

**EN 4674-003****Aerospace series - Electrical cables, installation - Self-wrapping shielding (EMI) protective sleeve - Part 003: Open sleeve - Inside pressurized area - EMI protection 5 kA - Temperature range - 65 °C to 200 °C - Product standard**

This European Standard specifies the characteristics of flexible 5 kA self-wrapping shielding (EMI) protection sleeves, to be installed inside pressurized areas on electrical cables or cable bundles, made from nickel plated copper strands and PPS (polyphenylene sulfide) monofilament. Temperature range: - 65 °C to 200 °C

Keel: en

Alusdokumendid: EN 4674-003:2015

Arvamusküsitluse lõppkuupäev: 02.06.2015

**EN 4674-004****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. Temperature range: - 65 °C to 200 °C

Keel: en

Alusdokumendid: EN 4674-004:2015

Arvamusküsitluse lõppkuupäev: 02.06.2015

**FprEN 4644-011****Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 011: Plug, size 1, class A, C and E - Product standard**

This European Standard specifies the size 1 plug for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-012 and EN 4644-014.

Keel: en

Alusdokumendid: FprEN 4644-011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 4644-012

#### **Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 012: Receptacle, size 1, class A, C and E - Product standard**

This European Standard specifies the size 1 receptacle for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The plug corresponding to this receptacle is defined in EN 4644-011 and EN 4644-013.

Keel: en

Alusdokumendid: FprEN 4644-012

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 4644-013

#### **Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 013: Plug, size 1, with ground block, class B and F - Product standard**

This European Standard specifies the size 1 plug with ground block for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-012 and EN 4644-014.

Keel: en

Alusdokumendid: FprEN 4644-013

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 4644-014

#### **Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 014: Receptacle, size 1, with ground block, class B and F - Product standard**

This European Standard specifies the size 1 receptacle with ground block for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The plug corresponding to this receptacle is defined in EN 4644-011 and EN 4644-013.

Keel: en

Alusdokumendid: FprEN 4644-014

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 4644-021

#### **Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 021: Plug, size 2, without mounting holes, class A, C and E - Product standard**

This European Standard specifies the size 2 plug for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-024 or EN 4644-025 or EN 4644-026.

Keel: en

Alusdokumendid: FprEN 4644-021

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 4644-022

#### **Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 022: Plug, size 2, with mounting holes, class A, C and E - Product standard**

This European Standard specifies the size 2 plug for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-024 or EN 4644-025 or EN 4644-026.

Keel: en

Alusdokumendid: FprEN 4644-022

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### FprEN 4644-023

#### **Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 023: Plug, size 2, with ground block, class B and F - Product standard**

This European Standard specifies the size 2 plug for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-024 or EN4644-025 or EN4644-026.

Keel: en

Alusdokumendid: FprEN 4644-023

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

#### **FprEN 4644-024**

**Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 024: Receptacle size 2, class A, C and E - Product standard**

This European Standard specifies the size 2 receptacle for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The plug corresponding to this receptacle is defined in EN 4644-021 or EN 4644-022 or EN 4644-023

Keel: en

Alusdokumendid: FprEN 4644-024

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

#### **FprEN 4644-025**

**Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 025: Receptacle, size 2, with flange, class A, C and E - Product standard**

This European Standard specifies the size 2 receptacle for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The plug corresponding to this receptacle is defined in EN 4644-021 or EN 4644-022 or EN 4644-023.

Keel: en

Alusdokumendid: FprEN 4644-025

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

#### **FprEN 4644-026**

**Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 026: Receptacle size 2 with ground block, class B and F - Product standard**

This European Standard specifies the size 2 receptacle for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The plug corresponding to this receptacle is defined in EN 4644-021 or EN 4644-022 or EN 4644-023.

Keel: en

Alusdokumendid: FprEN 4644-026

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

#### **FprEN 4644-131 rev**

**Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 131: Size 3 plug for rack and panel applications, class C and D - Product standard**

This European Standard specifies the size 3 plug for rack and panel applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-133.

Keel: en

Alusdokumendid: FprEN 4644-131 rev

Asendab dokumenti: EVS-EN 4644-131:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

#### **FprEN 4644-201**

**Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 201: Locking and polarizing hardware - Product standard**

This European Standard specifies central coupling mechanism for size 2 disconnect housing used in the family of modular rectangular electrical and optical connector with rectangular inserts.

Keel: en

Alusdokumendid: FprEN 4644-201

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 4652-210**

#### **Aerospace series - Connectors, coaxial, radio frequency - Part 210: Type 2, TNC interface - Clamp nut assembly version - Straight plug - Product standard**

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

Keel: en

Alusdokumendid: FprEN 4652-210

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 4652-213**

#### **Aerospace series - Connectors, coaxial, radio frequency - Part 213: Type 2, TNC interface - Clamp nut assembly version - Bulkhead receptacle - Product standard**

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

Keel: en

Alusdokumendid: FprEN 4652-213

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 4652-311**

#### **Aerospace series - Connectors, coaxial, radio frequency - Part 311: Type 3, N interface - Clamp nut 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 clamp technology.

Keel: en

Alusdokumendid: FprEN 4652-311

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 4652-312**

#### **Aerospace series - Connectors, coaxial, radio frequency - Part 312: Type 3, N interface - Clamp nut assembly 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 clamp technology.

Keel: en

Alusdokumendid: FprEN 4652-312

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 4652-313**

#### **Aerospace series - Connectors, coaxial, radio frequency - Part 313: Type 3, N interface - Clamp nut assembly version - Bulkhead receptacle - Product standard**

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

Keel: en

Alusdokumendid: FprEN 4652-313

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 4652-410**

#### **Aerospace series - Connectors, coaxial, radio frequency - Part 410: Type 4, C interface - Clamp nut assembly version - Straight plug - Product standard**

This European Standard specifies the characteristics of bayonet coupling (C interface) coaxial straight plugs – 50 ohms. The cable to connector assembly is a clamp technology.

Keel: en

Alusdokumendid: FprEN 4652-410

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 4652-411**

#### **Aerospace series - Connectors, coaxial, radio frequency - Part 411: Type 4, C interface - Clamp nut assembly version - Right angle plug - Product standard**

This European Standard specifies the characteristics of bayonet coupling (C interface) coaxial right angle plugs – 50 ohms. The cable to connector assembly is a clamp technology.

Keel: en

Alusdokumendid: FprEN 4652-411

Arvamusküsitluse lõppkuupäev: 02.06.2015

## FprEN 9130

### Aerospace series - Quality systems - Record retention

1.1 This standard provides guidance for the retention, storage, retrieval and disposal of records whether in hard copy, optical or electronic media. 1.2 This guideline represents an acceptable standard that satisfies the regulatory Authorities requirements, the expectations of the international aerospace industries (Aeronautic, Space) and other applicable requirements.

Keel: en

Alusdokumendid: FprEN 9130

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 53 TÕSTE- JA TEISALDUS-SEADMED

### EN 16307-1:2013/FprA1

#### Tööstusveokid. Ohutusnõuded ja tõendamine. Osa 1: Täiendavad nõuded iseliikuvatele tööstusveokitele, välja arvatud juhita veokid, muutuva tööalaga laadurid ja reisijate-ning kaubaveokid

#### Industrial trucks - Safety requirements and verification - Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks

This European standard gives requirements for the types of industrial trucks specified in the scope of EN ISO 3691-1. This standard is intended to be used in conjunction with EN ISO 3691-1. These requirements are supplementary to those stated in EN ISO 3691-1 with the addition of hazard which can occur when operating in potentially explosive atmospheres. This European standard covers the following requirements: • Electrical requirements • Noise emissions • Vibration • Electromagnetic compatibility (EMC) This European standard defines supplementary requirements to EN ISO 3691-1: • Travel speed • Brakes • Travel and breaking controls - Additional operation from alongside pedestrian-controlled and stand-on trucks • Lift chains • Mast tilt and carriage isolation • Operator's seat • Protection against crushing, shearing and trapping • Visibility • Information for use (instruction handbook and marking) Annex A (informative) contains the list of significant hazards covered by this standard.

Keel: en

Alusdokumendid: EN 16307-1:2013/FprA1

Muudab dokumenti: EVS-EN 16307-1:2013

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 16842-1

#### Powered industrial trucks - Visibility - Test method for verification - Part 1: General requirements

The EN 16842 series specify requirements and test procedures of all around visibility of self-propelled industrial trucks in accordance with ISO/DIS 5053 1 with a sit-on or stand-on operator, without load, and equipped with fork arms or load platform. This part of the EN 16842 series gives the common test requirements for powered industrial truck visibility testing and is intended to be used in conjunction with EN 16842 parts 2 to x. The truck specific requirements in EN 16842 parts 2 to x take precedence over the respective requirements of EN 16842-1. The requirements of the applicable part of EN 16842 take precedence over the requirements of 4.12 of EN 16307-1. The standard does not apply to: - trucks with elevating operator position, when the operating position is elevated; - rough terrain variable reach trucks – within the scope of EN 15830; - centre controlled order picking truck (in accordance with 2.17 of ISO/DIS 5053 1); - pallet truck end controlled (in accordance with 2.16 of ISO/DIS 5053 1). In addition, the following trucks in normal operation have excellent all round visibility and therefore will not be part of this series of standards: - ride on pallet truck; - pedestrian controlled pallet trucks.

Keel: en

Alusdokumendid: prEN 16842-1

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 16842-2

#### Powered industrial trucks - Visibility - Test method for verification - Part 2: Sit-on counter balanced trucks and rough terrain masted trucks up to and including 10 000 kg capacity

This European Standard specifies the requirements and test procedures of all around visibility of sit-on self-propelled industrial counterbalanced trucks and rough terrain masted trucks with a capacity  $\leq 10\,000$  kg in accordance with ISO/DIS 5053 1 and should be read in conjunction with EN 16842-1. Where specific requirements are contained in this part they take precedence over the general requirements of EN 16842-1.

Keel: en

Alusdokumendid: prEN 16842-2

Arvamusküsitluse lõppkuupäev: 02.06.2015

**FprEN ISO 2061****Textiles - Determination of twist in yarns - Direct counting method (ISO/FDIS 2061:2015)**

This International Standard specifies a method for the determination of the direction of twist in yarns, the amount of twist, in terms of turns per unit length, and the change in length on untwisting, by the direct counting method. This International Standard is applicable to a) single yarns (spun and filament), b) plied yarns, and c) cabled yarns. Separate procedures are given for each type of yarn. The method is designed primarily for yarns in packages, but, with special precautions, the procedures can be used for yarns taken from fabrics. It is not suitable for the determination of twist in a monofilament. NOTE See also ISO 1890, which was prepared especially for the needs of glass textile technology, and ISO 7211-4.

Keel: en

Alusdokumendid: FprEN ISO 2061; ISO/FDIS 2061:2015

Asendab dokumenti: EVS-EN ISO 2061:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**prEN ISO 2286-2****Rubber- or plastics-coated fabrics - Determination of roll characteristics - Part 2: Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate (ISO/DIS 2286-2:2015)**

This part of ISO 2286 specifies methods of determining the total mass per unit area, the mass per unit area of the coating and the mass per unit area of the substrate cloth of a rubber- or plastics-coated fabric. Methods for removing coatings of specific compositions are described in Annex A.

Keel: en

Alusdokumendid: ISO/DIS 2286-2:2015; prEN ISO 2286-2 rev

Asendab dokumenti: EVS-EN ISO 2286-2:2000

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**prEN ISO 2286-3****Rubber- or plastic-coated fabrics - Determination of roll characteristics - Part 3: Method for determination of thickness (ISO/DIS 2286-3:2015)**

No scope available

Keel: en

Alusdokumendid: ISO/DIS 2286-3:2015; prEN ISO 2286-3 rev

Asendab dokumenti: EVS-EN ISO 2286-3:2000

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**prEN ISO 23910****Leather - Physical and mechanical tests - Measurement of stitch tear resistance (ISO/DIS 23910:2015)**

This standard specifies a method for the measurement of stitch tear resistance in leather (EN ISO 23910:2007 rev)

Keel: en

Alusdokumendid: prEN ISO 23910; ISO/DIS 23910:2015

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**prEN ISO 4044****Leather - Chemical tests - Preparation of chemical test samples (ISO/DIS 4044:2015)**

This International Standard specifies how to prepare a test sample of leather for chemical analysis. The test sample can be either ground or cut into small pieces. Unless defined in the Standard, the method to be used depends on the size of leather sample available for testing.

Keel: en

Alusdokumendid: prEN ISO 4044; ISO/DIS 4044:2015

Asendab dokumenti: EVS-EN ISO 4044:2008

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**prEN ISO 5402-1****Leather - Determination of flex resistance - Part 1: Flexometer method (ISO/DIS 5402-1:2015)**

This standard specifies a method for the determination of flex resistance of leather by flexometer

Keel: en

Alusdokumendid: prEN ISO 5402-1; ISO/DIS 5402-1:2015

Asendab dokumenti: EVS-EN ISO 5402-1:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## 65 PÖLLUMAJANDUS

### prEN 1482-3

#### **Fertilizers and liming materials - Sampling and sample preparation - Part 3: Sampling of static heaps**

This document is applicable to the sampling of fertilizers or liming materials supplied or ready for supply to third parties, as a lot or in smaller lots where such supply or readiness for supply is subject to legal requirements. This document specifies plans and methods of sampling of a lot of solid fertilizers or liming materials, if sampling in motion is not possible, to obtain samples for chemical analysis from static bulk heaps in order to ascertain compliance with legal requirements in particular in relation to the accuracy of compulsory or permitted statutory declarations. The document is applicable to single nutrient fertilizers, to uniform complex fertilizers and to milled or granulated liming materials. The methods described in this document are not suitable for sampling blended fertilizers. NOTE The term 'fertilizer' is used throughout the body of this European Standard and includes liming materials unless otherwise indicated.

Keel: en

Alusdokumendid: prEN 1482-3

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 15477

#### **Fertilizers - Determination of the water-soluble potassium content**

This document specifies a method for the determination of water-soluble potassium, which is applicable to all potassium fertilizers listed in Annex I of the Regulation (EC) No 2003/2003 [3].

Keel: en

Alusdokumendid: prEN 15477

Asendab dokumenti: EVS-EN 15477:2009

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### prEN 16847

#### **Fertilizers - Determination of complexing agents in fertilizers - Identification of heptagluconic acid by chromatography**

This European Standard specifies a chromatographic method which allows the identification of heptagluconic acid (HGA) in fertilizers containing heptagluconic acid metal complexes. This method is applicable to EC fertilizers containing complexed micro-nutrients, which are covered by Regulation (EC) No 2003/2003 [1].

Keel: en

Alusdokumendid: prEN 16847

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## 67 TOIDUAINETE TEHNOLOOGIA

### EN ISO 5495:2007/prA1

#### **Sensory analysis - Methodology - Paired comparison test (ISO 5495:2005/DAM 1:2015)**

Amendment to EN ISO 5495:2007

Keel: en

Alusdokumendid: EN ISO 5495:2007/prA1; ISO 5495:2005/DAM 1:2015

Muudab dokumenti: EVS-EN ISO 5495:2008

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## 73 MÄENDUS JA MAAVARAD

### prEN ISO 19296

#### **Mining and earthmoving machinery - Mobile machines working underground - Machine Safety (ISO/DIS 19296:2015)**

This Standard specifies the safety requirements for self-propelled mobile machines designed for or modified for use in underground mining operations for carrying materials or persons, lifting or loading materials, or with attached equipment designed to be used in underground mining operations, excluding machines constrained to operate by rails. This standard does not cover continuous miners, road headers, conveyors, long wall production equipment, tunnel boring machines (TBM), and mobile crushers. This standard applies to underground load haul dump, underground dumper/haulers, underground dozers and underground utility/service/support machines defined in clause 3.1 and to earth-moving machinery as defined by ISO 6165 used in underground mining applications.

Keel: en

Alusdokumendid: ISO/DIS 19296:2015; prEN ISO 19296

Asendab dokumenti: EVS-EN 1889-1:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**



**FprEN ISO 13702****Petroleum and natural gas industries - Control and mitigation of fires and explosions on offshore production installations - Requirements and guidelines (ISO/DIS 13702:2013)**

This International Standard describes the objectives and functional requirements for the control and mitigation of fires and explosions on offshore installations used for the development of hydrocarbon resources. This International Standard is applicable to the following: — fixed offshore structures; — floating systems for production, storage, and offloading; — petroleum and natural gas industries. Mobile offshore units as defined in this International Standard and subsea installations are excluded, although many of the principles contained in this International Standard can be used as guidance. This International Standard is based on an approach where the selection of control and mitigation measures for fires and explosions is determined by an evaluation of hazards on the offshore installation. The methodologies employed in this assessment and the resultant recommendations will differ depending on the complexity of the production process and facilities, type of facility (i.e. open or enclosed), manning levels, and environmental conditions associated with the area of operation. NOTE Statutory requirements, rules, and regulations can, in addition, be applicable for the individual offshore installation concerned.

Keel: en

Alusdokumendid: FprEN ISO 13702; ISO/DIS 13702:2013

Asendab dokumenti: EVS-EN ISO 13702:2001

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**prEN ISO 16530-1****Petroleum and natural gas industries - Well integrity - Part 1: Life cycle governance (ISO/DIS 16530-1:2015)**

The well integrity standard should provide guidance to the oil and gas industry on how to effectively manage well integrity during the well operational condition. The "Well Operational Condition" is defined as, the well life cycle from the handover of the construction phase to the abandonment phase, assuring compliance with the defined safe operating envelope. The standard shall address the process of managing well integrity, by identified well types based on exposure of risk to people, environment, assets and reputation that is supported by associated maintenance / monitoring plans, technical reviews and management of change as detailed in following steps: 1 A pro-active well / field review monitoring process for wells' safe operating envelope to include changes in flow parameters, gas or effluent composition, annuli pressure communication, corrosion or wear, that re-assures the wells operate safely within their boundaries. Changes to the operating envelopes shall be recorded and the associated assurance task for maintenance and monitoring of well conditions shall be updated. 2 Well types defined based on environment (onshore, offshore, subsea) and functionality (injector, producer, artificial lift, gas, oil, water) with their operating envelopes or barrier elements specified. The requirements for barrier elements shall be based on well outflow potential risk and severity of impact to the environment. The well type defines the inspection and maintenance frequency of the barriers defined to minimise the risk to environment, people, assets and reputation. 3 Risk based monitoring and maintenance plans based on well type and risk exposure that assure wells are maintained within their safe operating envelopes. To minimize the risk of uncontrolled release of hydrocarbons, or associated products from the production or injection activities to the environment (atmosphere / sea / swamp / land or aquifers), throughout the life cycle of each well. 4 Test criteria

Keel: en

Alusdokumendid: prEN ISO 16530-1; ISO/DIS 16530-1:2015

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

**prEN ISO 6976****Natural gas - Calculation of calorific values, density, relative density and Wobbe indices from composition (ISO/DIS 6976:2015)**

This International Standard specifies methods for the calculation of gross calorific value, net calorific value, density, relative density, gross Wobbe index and net Wobbe index of natural gases, natural gas substitutes and other combustible gaseous fuels, when the composition of the gas by mole fraction is known. The methods specified provide the means of calculating the properties of the gas mixture at commonly used reference conditions. For the purpose of this International Standard the input mole fractions shall sum to unity exactly. Guidance on the achievement of this requirement is available in ISO 6974-1 and ISO 6974-2. All components with mole fractions greater than 0,000 05 shall be accounted for. If the composition of the gas is known by volume fractions, these shall first be converted to mole fractions in accordance with ISO 14912 (subclause 5.1.2). Note, however, that these derived mole fractions will have uncertainties greater than those of the original volume fractions. The methods of calculation require values for various physical properties of the pure components; these values, together with associated uncertainties, are provided in tables and their sources are identified. Methods are given for estimating the uncertainties of calculated properties. The methods of calculation of the values of properties on either a molar, mass or volumetric basis are applicable to any natural gas, natural gas substitute or other combustible fuel that is normally gaseous, except that for properties on the volumetric basis the method is restricted to mixtures for which the compression factor at reference conditions is greater than 0,9. Example calculations are given in annex D for the recommended methods of calculation.

Keel: en

Alusdokumendid: ISO/DIS 6976:2015; prEN ISO 6976 rev

Asendab dokumenti: EVS-EN ISO 6976:2005

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## 79 PUIDUTEHNOLOOGIA

### prEN ISO 19085-5

#### Woodworking Machines - Safety - Part 5: Dimension saws (ISO/DIS 19085-5:2015)

This international standard deals with all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to stationary and displaceable dimensions saws, hereinafter referred to as machines, designed to cut wood and material with similar physical characteristics to wood, when they are operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also transport, assembly, dismantling, disabling and scrapping phases are taken into account. The machines may also be fitted with one or more of the following devices/facilities, whose hazards have been dealt with: a) facility for the main saw blade and scoring saw blade (if any) to be raised and lowered; b) facility to tilt the main saw blade and scoring saw blade (if any) for angled cutting; c) facility for scoring; d) facility for grooving with milling tool with a width not exceeding 20 mm in one pass; e) demountable power feed unit; f) post-formed edge pre-cutting unit; g) power operated sliding table; h) workpiece clamping.

Keel: en

Alusdokumendid: ISO/DIS 19085-5:2015; prEN ISO 19085-5

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 83 KUMMI- JA PLASTITÖÖSTUS

### prEN 12765

#### Classification of thermosetting wood adhesives for non-structural applications

This European Standard classifies thermosetting resin based wood adhesives for non-structural applications into durability classes C1 to C4 based on the dry and wet strengths of bond-lines measured under specified conditions after various conditioning treatments. For special applications, further tests, which do not fall within the scope of this standard can be applicable. The adhesives specified in this European Standard are suitable for the bonding of furniture and interior structures, panelling, doors, windows, stairs etc. made of wood or derived timber products.

Keel: en

Alusdokumendid: prEN 12765

Asendab dokumenti: EVS-EN 12765:2002

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 204

#### Classification of thermoplastic wood adhesives for non-structural applications

This European Standard classifies thermoplastic resin based wood adhesives for non-structural applications into durability classes D1 to D4 based on the dry and wet strengths of bond-lines measured under specified conditions after various conditioning treatments. For special applications, further tests that do not fall within the scope of this standard can be applicable. The adhesives specified in this standard are suitable for the bonding of furniture and interior structures, panelling, doors, windows, stairs etc. made of wood or derived timber products. This European Standard does not specify the temperature resistance of bond-lines.

Keel: en

Alusdokumendid: prEN 204

Asendab dokumenti: EVS-EN 204:2002

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 205

#### Adhesives - Wood adhesives for non-structural applications - Determination of tensile shear strength of lap joints

This European Standard specifies tests for adhesives for wood and derived timber products for the assessment of their resistance to hot and cold water. It can be used for the assessment of the strength of bonds with a thin bond-line. It does not apply to adhesives for structural use or to the manufacture of particleboards, fibreboards and plywood. It does not replace tests on finished products.

Keel: en

Alusdokumendid: prEN 205

Asendab dokumenti: EVS-EN 205:2003

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 91 EHITUSMATERJALID JA EHITUS

### FprEN 13084-6

#### Free-standing chimneys - Part 6: Steel liners - Design and execution

This document deals with special requirements and performance criteria for the design of lining systems made of steel for free standing chimneys. It specifies the requirements for cylindrical steel liners as stated in EN 13084 1. This document covers the design of the following three basic types of liners located in a load bearing structure: a) base supported liner; b) sectional liner; c) top hung liner. Additionally this document also applies to single wall chimneys whose surface is in contact with flue gases. Liners

built from prefabricated metal chimneys in accordance with EN 1856-1 and EN 1856-2 are installed as base supported liners with additional supports and guides as defined in this document.

Keel: en

Alusdokumendid: FprEN 13084-6

Asendab dokumenti: EVS-EN 13084-6:2005

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 14516**

#### **Baths for domestic purposes**

This document specifies requirements, test methods and procedures for evaluation of conformity for baths used for domestic purposes and personal hygiene, which ensure that the product, when installed and maintained in accordance with the manufacturer's instructions, will satisfy requirements for cleanability and durability. This document is applicable to all sizes and shapes of baths. This document does not cover baths for use with medical provisions. NOTE 1 For the purpose of this standard the term "domestic purposes" includes use in hotels, accommodation for students, hospitals and similar buildings. NOTE 2 Annex A lists characteristics of materials commonly used for manufacturing baths.

Keel: en

Alusdokumendid: FprEN 14516

Asendab dokumenti: EVS-EN 14516:2006+A1:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **FprEN 15719**

#### **Sanitary appliances - Baths made from impact modified coextruded ABS/acrylic sheets - Requirements and test methods**

This European Standard specifies requirements for baths for domestic purposes made from impact modified coextruded ABS/acrylic sheets conforming to EN 13559 with the aim of ensuring that the product, when installed in accordance with the manufacturer's instructions, will provide satisfactory performance in use. This European Standard is applicable to all sizes and shapes of baths.

Keel: en

Alusdokumendid: FprEN 15719

Asendab dokumenti: EVS-EN 15719:2010

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 16830**

#### **Safety and control devices for burners and appliances burning gaseous or liquid fuels - Control functions in electronic systems - Temperature Control function**

This European Standard specifies the safety, design, construction and performance requirements for Temperature Control Function (TCF) and Combustion Product Discharge Safety Device (TTB) intended for use with burners and appliances using gaseous or liquid fuels. It also describes the test procedures for checking compliance with these requirements. This European Standard is applicable to AC and DC supplied TCF and TTB (for TCF and TTB supplied by stand-alone battery system, battery systems for mobile applications or systems which are intended to be connected to DC supply networks, see Annex I). This European Standard is applicable to electronically based TTB and TCF only.

Keel: en

Alusdokumendid: prEN 16830

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

## **93 RAJATISED**

### **EN 13674-1:2011/prA1**

#### **Raudteealased rakendused. Rööbastee. Rööbas. Osa 1: Laiatallalised (Vignole'i) raudteerööpad lineaarmassiga 46 kg/m ja üle selle**

#### **Railway applications - Track - Rail - Part 1: Vignole railway rails 46 kg/m and above**

The same as for EN 13674-1:2011.

Keel: en

Alusdokumendid: EN 13674-1:2011/prA1

Muudab dokumenti: EVS-EN 13674-1:2011

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 16432-2**

#### **Railway applications - Ballastless track systems - Part 2: Subsystems and components**

This part of prEN 16432 covers system and subsystem design and component configuration for ballastless track system. The system and subsystem design requirements are assigned from the general requirements of prEN 16432 1:2014. Where applicable existing subsystem or component requirements from other standards are to be referenced.

Keel: en

Alusdokumendid: prEN 16432-2

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 16843

#### Railway applications - Infrastructure - Mechanical requirements for joints in running rails

This European Standard deals with mechanical rail joints for flat bottom rails 46 kg/m and over. The scope of this standard is: - to establish requirements for insulated and non-insulated rail joints, for stressed rail (continuous welded rail, CWR) and unstressed rail (jointed track); - to define mechanical and electrical requirements for type approval and for acceptance of insulated rail joints which are manufactured in a factory (prefab construction) as well as assembled on-site (site construction). This standard specifies the minimum requirements. Special applications as for instance tram systems may require different demands in certain paragraphs and should be agreed between customer and supplier. The scope also excludes expansion joints (it is covered in EN 13232-8), and special joints in switch constructions.

Keel: en

Alusdokumendid: prEN 16843

Arvamusküsitluse lõppkuupäev: 02.06.2015

## 97 OLME. MEELELAHUTUS. SPORT

### FprEN 15181

#### Measuring method of the energy consumption of gas fired ovens

This document specifies the method of test for determining the gas energy consumption in gas-fired domestic ovens when they are being used in one or more of the oven cooking modes defined in 3.1. It applies to the gas-fired domestic ovens which are capable of utilizing gases of group H or group E, possibly after conversion according to instructions for use. It applies to these gas-fired domestic ovens, whether they are separate appliances or component parts of domestic cooking appliances. It also applies to domestic appliances that can utilize gas and/or electrical energy to provide heat for cooking when the ovens are utilizing gas energy to provide heat for cooking, but not when electric energy is used to provide any or all of the heat for cooking in the oven. It is not applicable to: - microwave combination ovens; - small cavities ovens (3.2); - oven cavities not provided with devices to detect and control the temperature for the preparation of food; - cooking modes others than defined in 3.1.1 and 3.1.2; - ovens connected to a chimney in which the gas energy for cooking provides, by design, also space and/or water heating; - appliances designed for use with gases of the third family only. This document is concerned neither with safety nor with overall performance requirements.

Keel: en

Alusdokumendid: FprEN 15181

Asendab dokumenti: EVS-EN 15181:2008

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 12503-2

#### Sports mats - Part 2: Pole vault and high jump mats, safety requirements

This European Standard specifies safety requirements (including performance requirements) for 3 types of high jump and pole vault mats used in school, training and competition (see Clause 4). The performance and safety values cover shock absorption and anti-slip characteristics of the base. NOTE For the specific requirements of international official competitions, see appropriate international regulations.

Keel: en

Alusdokumendid: prEN 12503-2

Asendab dokumenti: EVS-EN 12503-2:2001

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 12503-4

#### Sports mats - Part 4: Determination of shock absorption

This European Standard specifies a method of test for the determination of shock absorption characteristics of sports mats types 1 to 8 of EN 12503-1:2013, 9 to 11 of prEN 12503-2:2015 and 12 of EN 12503-3:2001.

Keel: en

Alusdokumendid: prEN 12503-4

Asendab dokumenti: EVS-EN 12503-4:2013

Arvamusküsitluse lõppkuupäev: 02.06.2015

### prEN 14836

#### Synthetic surfaces for outdoor sports areas - Exposure to artificial weathering

This draft European Standard specifies a method for the exposure of synthetic surfaces for outdoor sports areas to artificial weathering in order that the resulting changes in properties can be determined as detailed in the relevant product specification.

Keel: en

Alusdokumendid: prEN 14836

Asendab dokumenti: EVS-EN 14836:2006

Asendab dokumenti: EVS-EN 14836:2006/AC:2007

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 14903**

#### **Surfaces for sports areas - Synthetic surfaces for outdoor sports areas - Determination of rotational friction**

This European Standard specifies a method for the determination of the friction between any type of sports surface and a rotating foot with a vertical load. The method is applicable to tests carried out in the laboratory and on site.

Keel: en

Alusdokumendid: prEN 14903

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 16830**

#### **Safety and control devices for burners and appliances burning gaseous or liquid fuels - Control functions in electronic systems - Temperature Control function**

This European Standard specifies the safety, design, construction and performance requirements for Temperature Control Function (TCF) and Combustion Product Discharge Safety Device (TTB) intended for use with burners and appliances using gaseous or liquid fuels. It also describes the test procedures for checking compliance with these requirements. This European Standard is applicable to AC and DC supplied TCF and TTB (for TCF and TTB supplied by stand-alone battery system, battery systems for mobile applications or systems which are intended to be connected to DC supply networks, see Annex I). This European Standard is applicable to electronically based TTB and TCF only.

Keel: en

Alusdokumendid: prEN 16830

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 16837**

#### **Surfaces for sports areas - Determination of linear shoe/surface friction**

This draft European Standard specifies a test method for the determination of shoe/surface friction of synthetic sports surfaces. The method can be used for the assessment of both indoor and outdoor sports surfaces. NOTE This method is not considered suitable for long pile synthetic turf surfaces.

Keel: en

Alusdokumendid: prEN 16837

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

### **prEN 16838**

#### **Refrigerated display scooping cabinets for gelato - Classification, requirements and test conditions**

This European Standard specifies requirements for the construction, characteristics and performance of refrigerated display scooping cabinets for gelato used to sale and display artisan and self made gelato, hereafter called "gelato scooping cabinets". It specifies test conditions and methods for checking that the requirements have been satisfied, as well as classification of the cabinets, their marking and the list of their characteristics to be declared by the manufacturer.

Keel: en

Alusdokumendid: prEN 16838:2015

**Arvamusküsitluse lõppkuupäev: 02.06.2015**

# 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/TR 16598:2014

### Kogumik põhjendustest standardile EN 1176. Nõuded

See tehniline raport on mõeldud lugemiseks koos standardiga EN 1176. Selles raportis antud põhjendused kirjeldavad peamisi põhjusi, mis peituvad standardis EN 1176 antud nõuete taga. Standardi nõuded on töövahendid (näit. mõõtmised, katsemeetodid jne.), mille abil on eesmärgid mõeldud saavutada.

Keel: et

Alusdokumendid: CEN/TR 16598:2014

**Kommenteerimise lõppkuupäev: 02.05.2015**

## CEN/TS 1992-4-5:2009

### Kinnituste projekteerimine betooni. Osa 4-5: Järeldaigaldatavad kinnituselemendid. Keemilised süsteemid

Käesolev dokument põhineb normkandevõimel ja -kaugustel, mis on määratletud Euroopa Tehnilises Spetsifikatsioonis. Üldiselt kehtivad arvutusühimõtted toote mõõtmete 6 hef/dnom 20 korral. Mingit tüüpi kinnituselemendi kohta kehtiva vahemiku võib leida asjakohasest Euroopa Tehnilisest Spetsifikatsioonist. Käesoleva CEN/TS meetodite järgi arvutamise aluseks peavad asjakohases Euroopa Tehnilises Spetsifikatsioonis olema antud vähemalt järgnevad näitajad.

Keel: et

Alusdokumendid: CEN/TS 1992-4-5:2009

**Kommenteerimise lõppkuupäev: 02.05.2015**

## EVS-EN 1177:2008

### Lööki pehmendav mänguväljaku aluspinna kate. Kriitilise kukkumiskõrguse määramine

Käesolev Euroopa standard määratleb meetodi mänguväljaku aluspinna katte lööki pehmendava omaduse kindlaks määramiseks. See määratleb „kriitilise kukkumiskõrguse“ (vt. jaotist 3.2) aluspinna kattele, olles selle efektiivsuse ülemiseks piiriks peavigastuse vähendamisel, kui mänguväljaku seadmete kasutamine vastab standardile EN 1176-1. Euroopa standardis kirjeldatud katsemeetodid on rakendatavad katsetele, mida viiakse läbi laboratooriumis ning kohapeal.

Keel: et

Alusdokumendid: EN 1177:2008

**Kommenteerimise lõppkuupäev: 02.05.2015**

## EVS-EN 12259-1:2003/A2:2004

### Paiksed tulekustutussüsteemid. Sprinkler- ja veepihustussüsteemide komponendid. Osa 1: Sprinklerid

Standard sätestab nõuded soojuse mõjul elemendi oleku muutumise või klaasampulli purunemise toimel rakenduvate sprinklerite konstruktsioonile ja talitlusele ning kasutamisele automaatses sprinklersüsteemides vastavalt EN 12845 Automaatsed sprinklersüsteemid. Projekteerimine ja paigaldamine. Ära on toodud ka katsemeetodid ja soovitatav tüübiheakskiidu katsete tabel.

Keel: et

Alusdokumendid: EN 12259-1:1999+A1:2001/A2:2004

**Kommenteerimise lõppkuupäev: 02.05.2015**

## EVS-EN 12259-1:2003/A3:2006

### Paiksed tulekustutussüsteemid. Sprinkler- ja veepihustussüsteemide komponendid. Osa 1: Sprinklerid

Standard sätestab nõuded soojuse mõjul elemendi oleku muutumise või klaasampulli purunemise toimel rakenduvate sprinklerite konstruktsioonile ja talitlusele ning kasutamisele automaatses sprinklersüsteemides vastavalt EN 12845 Automaatsed sprinklersüsteemid. Projekteerimine ja paigaldamine. Ära on toodud ka katsemeetodid ja soovitatav tüübiheakskiidu katsete tabel.

Keel: et

Alusdokumendid: EN 12259-1:1999+A1:2001/A3:2006

**Kommenteerimise lõppkuupäev: 02.05.2015**

## **EVS-EN 13249:2014+A1**

### **Geotekstiilid ja geotekstiilipõhised tooted. Nõutavad omadused kasutamiseks teede ja muude liiklusalade (v.a raudteed ja asfaldikihid) ehitamisel**

Käesolev Euroopa standard täpsustab teede ja muude liiklusalade (v.a raudteed ja asfaldikihid) ehitamisel kasutatavate geotekstiilide ja geotekstiilipõhiste toodete nõutavaid omadused ning nende omaduste määramiseks sobilikke katsetusmeetodeid. Nende geotekstiilide ja geotekstiilipõhiste toodete kasutusotstarve on täita üht või mitut järgmistest funktsioonidest: filtrimine, lahutamine ja sarrustamine. Lahutamiskatsioon kaasneb alati filtrimise või sarrustamisega ning seetõttu seda eraldi ei määratleta. See Euroopa standard ei ole rakendatav standardis EN ISO 10318 määratletud geosünteeetõkete kohta. See Euroopa standard annab aluse hindamiseks toote toimivuspüsivuse ja tehase tootmisohje hindamise ja kontrollimise protseduuride vastavust Euroopa standardile. MÄRKUS Konkreetset rakendusjuhtumid võivad sisaldada nõudeid täiendavate omaduste ja – eelistatult standardsete – katsetusmeetodite kohta, kui need on tehniliselt asjakohased. Seda Euroopa standardit võib kasutada projekteerimisväärtuste tuletamiseks, võttes arvesse EN 1997-1 (Eurocode 7) määratluste kohaseid tegureid, nt ohutustegureid. Määrata tuleb toote kavandatav tööiga, sest toodet võidakse tarindis kasutada üksnes ajutiselt, ehitusaegseks rakenduseks, või tarindi kogu tööea kestel.

Keel: et

Alusdokumendid: EN 13249:2014+A1:2015

**Kommenteerimise lõppkuupäev: 02.05.2015**

## **EVS-EN 13251:2014+A1**

### **Geotekstiilid ja geotekstiilipõhised tooted. Nõutavad omadused kasutamiseks pinnasrajatistes, vundamentides ja tugitarindites**

Käesolev Euroopa standard täpsustab pinnasrajatiste, vundamentide ja tugitarindite ehitamisel kasutatavate geotekstiilide ja geotekstiilipõhiste toodete nõutavaid omadusi ning nende omaduste määramiseks sobilikke katsetusmeetodeid. Nende geotekstiilide ja geotekstiilipõhiste toodete kasutusotstarve on täita üht või mitut järgmistest funktsioonidest: filtrimine, lahutamine ja sarrustamine. Lahutamiskatsioon kaasneb alati filtrimise või sarrustamisega ning seetõttu seda eraldi ei määratleta. See Euroopa standard ei ole rakendatav standardis EN ISO 10318 määratletud geosünteeetõkete kohta. See Euroopa standard annab aluse hindamiseks toote toimivuspüsivuse ja tehase tootmisohje hindamise ja kontrollimise protseduuride vastavust Euroopa standardile. MÄRKUS Konkreetset rakendusjuhtumid võivad sisaldada nõudeid täiendavate omaduste ja – eelistatult standardsete – katsetusmeetodite kohta, kui need on tehniliselt asjakohased. Seda Euroopa standardit võib kasutada projekteerimisväärtuste tuletamiseks, võttes arvesse EN 1997-1 (Eurocode 7) määratluste kohaseid tegureid, nt ohutustegureid. Määrata tuleb toote kavandatav tööiga, sest toodet võidakse tarindis kasutada üksnes ajutiselt, ehitusaegseks rakenduseks, või tarindi kogu tööea kestel.

Keel: et

Alusdokumendid: EN 13251:2014+A1:2015

**Kommenteerimise lõppkuupäev: 02.05.2015**

## **EVS-EN 13253:2014+A1**

### **Geotekstiilid ja geotekstiilipõhised tooted. Nõutavad omadused kasutamiseks erosioonitõrjerajatistes (rannakaitse, nõlvakindlustised)**

Käesolev Euroopa standard täpsustab erosioonitõrjerajatistes kasutatavate geotekstiilide ja geotekstiilipõhiste toodete, mille abil tõkestatakse peeneteralise materjali muutlikust hüdraillilisest langust põhjustatud pääsemist jämedateralise materjali kihtidesse, nõutavaid omadusi ning nende omaduste määramiseks sobilikke katsetusmeetodeid. See Euroopa standard hõlmab rakendusi rannakaitserajatiste ja kaldakindlustiste ehitamisel. See Euroopa standard ei puutu pinnaerosiooni, mille tõrjumiseks geotekstiil või geotekstiilipõhine toode laotatakse maapinnale. Nende geotekstiilide ja geotekstiilipõhiste toodete kasutusotstarve on täita üht või mitut järgmistest funktsioonidest: filtrimine, lahutamine ja sarrustamine. Lahutamiskatsioon kaasneb alati filtrimise või sarrustamisega ning seetõttu seda eraldi ei määratleta. See Euroopa standard ei ole rakendatav standardis EN ISO 10318 määratletud geosünteeetõkete kohta. See Euroopa standard annab aluse hindamiseks toote toimivuspüsivuse ja tehase tootmisohje hindamise ja kontrollimise protseduuride vastavust Euroopa standardile. MÄRKUS Konkreetset rakendusjuhtumid võivad sisaldada nõudeid täiendavate omaduste ja – eelistatult standardsete – katsetusmeetodite kohta, kui need on tehniliselt asjakohased. Seda Euroopa standardit võib kasutada projekteerimisväärtuste tuletamiseks, võttes arvesse EN 1997-1 (Eurocode 7) määratluste kohaseid tegureid, nt ohutustegureid. Määrata tuleb toote kavandatav tööiga, sest toodet võidakse tarindis kasutada üksnes ajutiselt, ehitusaegseks rakenduseks, või tarindi kogu tööea kestel.

Keel: et

Alusdokumendid: EN 13253:2014+A1:2015

**Kommenteerimise lõppkuupäev: 02.05.2015**

## **EVS-EN 1537:2013**

### **Geotehniliste eritööde teostamine. Pinnaseankrud**

See Euroopa standard käsitleb pinnasesse injekeeritud pinnaseankruid, mis on pingestatud ja katsetatud. Neid võib kasutada alalistes või ajutistes rakendustes. MÄRKUS Käesoleva standardi mõiste "ankur (ankrud)" tähistab "pinnaseankur (pinnaseankrud)". Ankrud on projekteeritud kooskõlas EN 1997-1-ga ja katsetatud kooskõlas prEN ISO 22477 5-ga. Tüüpilised nakke ja survestamise tüüpi ankrud on näidatud joonistel 1 ja 2. Termin "pinnas" all mõeldakse pinnast, kaljut ja olemasolevat või enne ehitustöid paigaldatud täitepinnast. Pinnaseankrute kavandamine ja projekteerimine vajab kogemusi ja teadmisi selles spetsiaalses valdkonnas. Paigaldamine ja katsetamine nõuab oskuslikku, kvalifitseeritud tööd ja järelevalvet. See standard ei asenda spetsialistidest personali teadmisi ja kogemusi ehitusettevõtjate asjatundlikkus on selle standardi kasutamisel nõutav. See standard ei käsitle selliseid süsteeme nagu tõmbeviad, kruviankrud, mehaanilised ankrud, pinnase naelutamine, plaatankrud või ekspanderankrud, kuna need ei täida selle standardi nõudeid.

Keel: et

Alusdokumendid: EN 1537:2013

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN 1634-1:2014**

#### **Uste-, luugikomplektide ja avatavate akende ning nende suluste tulepüsivuse ja suitsukindluse katsed. Osa 1: Uste- ja luugikomplektide ning avatavate akende tulepüsivuskatsed**

Käesolev standard määratleb selliste ukse- ja luugikomplektide tulepüsivuse, mis on ette nähtud pigaldamiseks vertikaalsetesse tärnditesse, nagu: a) hingede ja pöördtelgedega ukсед; b) rõht- ja püstlükandused, kaasa arvatud liigendatud lükandused ning seksioonuksed; c) voldiküksed ja –luugid; d) tõstüksed; e) ruloüksed; f) avatavad aknad; g) avatavad tekstiilkardinad. Käesolevat standardit kasutatakse koos standardiga EN 1363-1. Tuletõkkeklappide katsetamine on kaetud standardiga EN 1366-2. Konveiersüsteemide sulgurite katsetamine on kaetud standardiga EN 1366-7. Vastavalt eelnevale kokkuleppele katse tellijaga võib täiendavat informatsiooni koguda erinevate suluste kohta, et tõendada EN 1634-2 toodud kriteeriumitele vastavust. Tuginedes katse käigus saadud vaatlustele, võib tulemused esitada eraldi protokollina, mis peaks olema kooskõlas EN 1634-2 toodud nõuetega.

Keel: et

Alusdokumendid: EN 1634-1:2014

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN 1930:2011**

#### **Lastele kasutamiseks ja laste hooldamiseks mõeldud tooted. Turvabarjäärid. Ohutusnõuded ja katsemeetodid**

Käesolev Euroopa standard määratleb ohutusnõuded ja katsemeetodid laste turvabarjääridele koduseks kasutamiseks siseruumides, mis on konstrueeritud paigaldamiseks avastele, et piirata lapse juurdepääsu kodus, ning hoida ära kuni 24 kuu vanuste väikelaste läbipääsemine. Käesolev Euroopa standard ei rakendu toodetele, mis on konstrueeritud paigaldamiseks akendele.

Keel: et

Alusdokumendid: EN 1930:2011

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN 1995-1-1:2005/A2:2014**

#### **Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks**

EVS-EN 1995-1-1:2005 muudatus A2

Keel: et

Alusdokumendid: EN 1995-1-1:2004/A2:2014

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN 62031:2008/A2:2015**

#### **Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded**

Standardi EVS-EN 62031:2008 muudatus.

Keel: et

Alusdokumendid: EN 62031:2008/A2:2015; IEC 62031:2008/A2:2014

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN ISO 11133:2014**

#### **Toidu, loomasööda ja vee mikrobioloogia. Söötmete ettevalmistamine, valmistamine, säilitamine ja toimivuse kontrollimine.**

See rahvusvaheline standard määratleb söötmete kvaliteedi tagamisega seotud terminid ja esitab üksikasjalikult toidu, loomasööda ning toidu või sööda tootmise keskkonnast ning tarbimiseks mõeldud või toidu tootmiseks kasutatavast veest võetud proovide mikrobioloogiliseks analüüsiks kasutatavate söötmete ettevalmistamiseks kohaldatavad nõuded. Neid nõudeid kohaldatakse kõikidele söötmete kategooriatele, mis on valmistatud kasutamiseks mikrobioloogilisi analüüse teostatavates laborites. Lisaks on antud rahvusvahelises standardis sätestatud nõuded ning kirjeldatud meetodeid, mida kasutatakse söötmete toimivuse kontrollimiseks. See rahvusvaheline standard kehtib erinevatele tootjatele, teiste hulgas: — kasutusvalmis või poolvalmis taastatavaid või turustavaid äriühingud; — kolmandatele isikutele söötmeid tarnivad mitteäriühingud; — oma tarbeks söötmeid valmistavad mikrobioloogialaborid.

Keel: et

Alusdokumendid: ISO 11133:2014; EN ISO 11133:2014

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN ISO 15613:2004**

#### **Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Tootmiseelset keevituskatsel põhinev kvalifitseerimine**



Käesolev Euroopa standard on osa standardite seeriast, mille üksikasjad on toodud standardi EN ISO 15607:2003 lisas A. See standard määratleb, kuidas esialgne keevitusprotseduuri spetsifikatsioon atesteeritakse tootmiseelse katsetuse alusel. Käesoleva standardi põhimõtteid võib rakendada ka teistele keevitusprotsessidele. Käesolev standard on rakendatav metallsete materjalide kaarkeevitamisel, gaaskeevitamisel, kiirkeevitamisel, kontaktkeevitamisel, vastakkeevitamisel ja hõõrdkeevitamisel. Käesoleva standardi kasutamist võib piirata rakendusstandard või spetsifikatsioon.

Keel: et

Alusdokumendid: ISO 15613:2004; EN ISO 15613:2004

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN ISO 4064-1:2014**

#### **Veearvestid külmale joogiveele ja kuumale veele. Osa 1: Metrooloogilised ja tehnilised nõuded**

Dokumendi ISO 4064|OIML R 49 käesolev osa määratleb metrooloogilised ja tehnilised nõuded veearvestitele, mida kasutatakse külma joogivee ja kuumade vee, mis voolab läbi täielikult täidetud kinnise torustiku, koguse mõõtmiseks. Nendel arvestitel on seadmed, mis näitavad integraalset vee mahtu. Lisaks mehaanilise tööpõhimõttega arvestitele, rakendub käesolev ISO 4064|OIML R 49 osa ka elektrilise, elektroonilise ning elektroonilisi seadmeid sisaldava mehaanilise tööpõhimõttega arvestitele, mida kasutatakse külma joogivee ja kuumade vee mõõtmiseks. Käesolev ISO 4064|OIML R 49 osa rakendub ka elektroonilistele abiseadmetele. Abiseadmed ei ole kohustuslikud. Siiski on võimalik riiklike või piirkondlike seadusandlike aktidega muuta mõned abiseadmed veearvestite kasutamisel kohustuslikeks. MÄRKUS Riiklikud seadusandlikud aktid kehtivad riigis, kus arvesti on kasutusel.

Keel: et

Alusdokumendid: ISO 4064-1:2014; EN ISO 4064-1:2014

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN ISO 9862:2005**

#### **Geosünteedid. Proovivõtt ja teimikute ettevalmistamine**

Käesolev dokument sätestab üldpõhimõtted proovivõtu kohta ehitusplatsile tarnitavatest geosünteedidest ning proovitükkidest võetud teimikute ettevalmistamise kohta. Proovivõtupõhimõtted on rakendatavad rullidena tarnitavate geosünteedide kohta. MÄRKUS Lehtedena tarnitavate toodete kohta võib rakendada standardit EN ISO 186. Teimikute ettevalmistamise põhimõtted on rakendatavad kõigi geosünteedide suhtes.

Keel: et

Alusdokumendid: ISO 9862:2005; EN ISO 9862:2005

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-EN ISO 9864:2005**

#### **Geosünteedid. Katsemeetod geotekstiilide ja geotekstiilipõhiste toodete pindalaühiku massi määramiseks**

Käesolev dokument määratleb meetodi geotekstiilide ja geotekstiilipõhiste toodete pindalaühiku massi määramiseks nende identifitseerimise eesmärgil ning kasutamiseks tehnilistel andmelehtedel. Meetod on rakendatav kõigi geotekstiilide ja geotekstiilipõhiste toodete suhtes.

Keel: et

Alusdokumendid: ISO 9864:2005; EN ISO 9864:2005

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **EVS-IEC 60050-426:2012/prA1**

#### **Rahvusvaheline elektrotehnika sõnastik. Osa 426: Seadmed plahvatusohtlikele keskkondadele**

Standardi EVS-IEC 60050-426:2012 muudatus.

Keel: et

Alusdokumendid: IEC 60050-426/Amd 1:2015

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **HD 60364-4-42:2011/A1**

#### **Madalpingelised elektripaigaldised. Osa 4-42: Kaitseviisid. Kaitse kuumustoime eest**

Standardi EVS-HD 60364-4-42:2011 muudatus.

Keel: et

Alusdokumendid: IEC 60364-4-42:2010/A1:2014; HD 60364-4-42:2011/A1:2015

**Kommenteerimise lõppkuupäev: 02.05.2015**

### **prEVS-ISO 4037-3**

#### **Röntgeni ja gamma referentskiirguse dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks ja nende koste määramiseks sõltuvana footoni energiast. Osa 3: Pindala- ja isikudosimeetrite kalibreerimine ja nende koste mõõtmine kiirguse energia ja langemisnurga funktsioonina**

Standardi ISO 4037 käesolev osa käsitleb dosimeetrite, mida kasutatakse individuaalseks ja pindala seireks, kalibreerimist footonreferentskiirguse väljade puhul, mille keskmine energia asub vahemikus 8 keV kuni 9 MeV (vt standard ISO 4037-1). Individuaalse seire puhul on käsitletakse nii kogu keha kui ka jäsemete dosimeetreid ning pindala seire puhul portatiivsed ja fikseeritud dosimeetreid. Standardi ISO 4037 käesolev osa tegeleb koste kui pealelangeva footoni energia ja kiirguse langemisnurga funktsiooni määratlemisega. Sellised mõõtmised võivad kujutada endast osa tüübikatses, mille käigus uuritakse täiendavate suuruste mõju kostele. See standardi ISO 4037 osa ei hõlma fikseeritu pindaladosimeetrite in-situ kalibreerimist, mida käsitletakse tulevases standardis. Siin on toodud protseduurid, mida tuleb erinevat tüüpi dosimeetrite puhul järgida. Samuti antakse soovitusi kasutatava fantoomi ja kasutatavate teisendustegurite kohta. Lisaks annab käesolev rahvusvaheline standard juhised määramatuste hindamiseks ning kalibreerimisprotokollide ja sertifikaatide tegemiseks. MÄRKUS 1 Terminit „dosimeeter” kasutatakse üldmõistena kõigi individuaalseks ja pindala seireks kasutatavate dosimeetrite kohta. MÄRKUS 2 Standardi ISO 4037 käesolevas osas kasutatakse terminit „kerma” vabalt õhus tekkiva õhukerma tähistamiseks, kui pole teisiti osutatud.

Keel: et

Alusdokumendid: ISO 4037-3:1999

**Kommenteerimise lõppkuupäev: 02.05.2015**

# ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Alljärgnevalt on toodud teave möödunud kuu jooksul Standardikeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötluste panekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

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

## prEVS 726

### **Teraviljasaadused. Kahjuritega nakatamise ja saastatuse määramine Cereal products - Determination of pest infestation and filth test**

Käesolev standard käsitleb teraviljasaaduste (jahu, tangained, kliid) kahjuritega nakatamise ja saastatuse määramise meetodit.

Asendab dokumenti: EVS 726:1996

Koostamisetpaneku esitaja: EVS/TK 1 "Toiduained"

## prEVS 844

### **Hoonete kütte projekteerimine Design of heating for buildings**

Standard kehtestab nõuded ehitatavate ja rekonstrueeritavate elu-, üldkasutatavate ja tööstushoonete kütte projekteerimisel

Asendab dokumenti: EVS 844:2004

Koostamisetpaneku esitaja: Eesti kütte ja ventilatsiooniinseneride ühendus

## prEVS 847-2

### **Ühisveevärk. Osa 2: Veepuhastus Municipal water supply - Part 2: Water purification**

Standard kehtib ühis- või eraveevärgi veekäitlusele ning on ette nähtud kasutamiseks veevärgi puhastusseadmete tüübi ja asukoha valikul, puhastusseadmete põhisõlmede projekteerimisel ja ehitusel. Standardi lisa B sisaldab soovituslikku abimaterjali projekteerijale.

Asendab dokumenti: EVS 847-2:2003

Koostamisetpaneku esitaja: Eesti Veevarustuse ja Kanalisatsiooni Inseneride Selts

## prEVS 875-1

### **Vara hindamine. Osa 1: Hindamise üldised alused Property valuation - Part 1: Valuation Concepts and Principles**

Käesolevas standardis käsitletakse võrdlusmeetodi mõistet, kasutamise eesmärgi ja võimalusi, sh kvantitatiivse ja kvalitatiivse ning statistilise analüüsi võtteid.

Asendab dokumenti: EVS 875-1:2010

Koostamisetpaneku esitaja: Eesti Kinnisvara Hindajate Ühing

## prEVS 875-12

### **Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil Property valuation - Part 12: Valuation for Compensation**

Käesoleva standardi eesmärgiks on käsitleda õigusaktidega reguleeritud protsesse, kus avalikes huvides toimub vara ostmise või sundvõõrandamine. Standard annab selgitused, kuidas hindajad peavad töötama nendes olukordades väärtuse leidmisel.

Asendab dokumenti: EVS 875-12:2010

Koostamisetpaneku esitaja: Eesti Kinnisvara Hindajate Ühing

## prEVS 875-2

### **Vara hindamine. Osa 2: Varade liigid Property valuation - Part 2: Types of Properties**

Käesoleva standardi objektiks on hinnatavate varade liikide määratlemine.

Asendab dokumenti: EVS 875-2:2010

Koostamisetpaneku esitaja: Eesti Kinnisvara Hindajate Ühing

## prEVS 875-3

### **Vara hindamine. Osa 3: Väärtuse liigid Property valuation - Part 3: Valuation Bases**

Käesoleva standardi objektiks on hinnatavate väärtuse liikide määratlemine.

Asendab dokumenti: EVS 875-3:2010  
Koostamisetpaneku esitaja: Eesti Kinnisvara Hindajate Ühing

#### prEVS 875-4

### **Vara hindamine. Osa 4: Hindamise head tavad ja hindamistulemuste esitamine** **Property valuation - Part 4: Code of Conduct and Valuation Reporting**

Käesoleva standardi objektiks on hindamise heade tavade ja hindamistulemustele esitatavate nõuete määratlemine.

Asendab dokumenti: EVS 875-4:2010  
Koostamisetpaneku esitaja: Eesti Kinnisvara Hindajate Ühing

#### prEVS 875-5

### **Vara hindamine. Osa 5: Hindamine finantsaruandluse eesmärgil** **Property valuation - Part 5: Valuation for Financial Reporting**

Käesoleva standardi objektiks on vara hindamine finantsaruandluse eesmärgil.

Asendab dokumenti: EVS 875-5:2010  
Koostamisetpaneku esitaja: Eesti Kinnisvara Hindajate Ühing

#### prEVS 876

### **Kontonumbrid** **Bank account numbers**

Käesolev standard määrab Eesti pankade poolt siseriiklikult kasutatavate kliendi kontonumbrite struktuuri ja kontrolljärgu arvutamise algoritmi; rahvusvaheliselt kasutatavate kliendi kontonumbrite struktuuri, kontrolljärgu arvutamise algoritmi, esitluskujud ning kasutusreeglid; kasutatavad pangakoodid ja -tunnused.

Asendab dokumenti: EVS 876:2004  
Koostamisetpaneku esitaja: EVS/PK 55

#### prEVS 901-2

### **Tee-ehitus. Osa 2: Bituumensideained** **Road construction. Part 2: Bituminous binders**

Käesolev standard määrab toimimisomaduste nõuded teebituumeni, polümeermodifitseeritud bituumeni ja katioonsete bituumenemulsioonide markidele, mis Eestis sobivad teede, lennuväljade ja muude katttega alade ehitamiseks ja hooldamiseks. Käesolev Eesti standard Bituumensideained näeb ette tarnijate ja klientide vaheliste kvaliteedikokkulepete alused. Sideaine markide esitamine tabelites 1 kuni 4 ja 6 kuni 7 võimaldab valida bituumeni või bituumensideaine kõige sobivama spetsifikatsiooni, arvestades kohalikke kliima- ja kasutustingimusi

Asendab dokumenti: EVS 901-2:2009  
Koostamisetpaneku esitaja: EVS/TK 31

#### prEVS 927

### **Ehituslik põletatud põlevkivi – spetsifikatsioon, toimivus ja vastavus.** **Burnt oil-shale for building materials - specification, performance and conformity**

Käesolev standard kehtib põletatud põlevkivi (PP) kohta, mis saadakse toimpõlevkivi põletamisel elektrijaamade küttekolletes ning saadud peendisperse mineraalosa kuivsepareerimise teel. PP koosneb klinkermineraalidest, vabast lubjast, dehüdratiseerunud kaltsiumsulfaadist, klaasifaasist ning lahustumatust vabast jäägist. Käesoleva standardi kohaselt eristatakse kolme põletatud põlevkivi: - elektrifiltritega eraldatud PP tsemendi tootmiseks nimetusega „tsemendi PP“; - tsüklonseparaatoritega eraldatud PP poorbetooni tootmiseks nimetusega „poorbetooni PP“; - tekstiilfiltritega eraldatud PP betooni valmistamiseks nimetusega „betooni PP“. Standard määrab kindlaks põletatud põlevkivi omadused, vajalikud katsemeetodid ning vastavushindamise korra.

Koostamisetpaneku esitaja: Eesti Ehitusmaterjalide Tootjate Liit

# ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

## **EVS 18002:2009**

### **Töötervishoiu ja tööohutuse juhtimissüsteemid. EVS 18001:2007 rakendusjuhised Occupational health and safety management systems — Guidelines for the implementation of EVS 18001:2007**

Käesolev töötervishoiu ja tööohutuse hindamise sarja standard sätestab juhised EVS 18001:2007 (OHSAS 18001:2007) rakendamise kohta. Juhised selgitavad standardi EVS 18001:2007 aluseks olevaid põhimõtteid ja kirjeldavad standardi iga nõude juures selle eesmärki, tüüpilisi sisendeid, protsesse ja tüüpilisi väljundeid. Eesmärgiks on aidata standardit EVS 18001:2007 mõista ja rakendada. Standard EVS 18002 ei loo lisanõudeid standardis EVS 18001 sätestatutele ega kirjelda selle rakendamise kohustuslikku lähenemisviisi.

Kehtima jätmise alus: EVS/TK 33 otsus 13.02.2015

## **EVS 758:2009**

### **Metroloogia. Terminid ja määratlused Metrology - Terms and definitions**

Käesolev Eesti standard käsitleb metroloogiaalaseid termineid, esitab nende määratlused ning näidete ja märkuste abil annab juhiseid terminite kasutamiseks. Standardis on üldiselt esitatud üks termin ja mõne eesti- ja võõrkeelse termini rööpvormid. Standardis on toodud teatmelistena terminite vasted inglise (en), prantsuse (fr), saksa (de) ja vene (ru) keeles. Standard on varustatud eesti-, inglisi-, prantsus-, saksa- ja venekeelsete terminite tähestikregistriga. Standard annab aluse ühiseks arusaamiseks metroloogiast, niihästi täppis- kui rakendusteadustes, meditsiinis, hariduses ja kõikjal mujal, kus tegeletakse mõõtmisega, olenemata mõõtetulemuse mõõtemääramatusest ja kasutusalaast. Standardis määratletud terminid on mõeldud kasutamiseks ka riigiasutustes, ettevõtetes, akrediteerimisasutustes, ametites ja kutseühingutes.

Kehtima jätmise alus: EVS/TK 38 otsus 19.01.2015

# 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 60664-5:2008**

### **Madalpingepaigaldistes kasutatavate seadmete isolatsiooni koordineerimine. Osa 5: Üldmeetod enamalt 2 mm laiuste õhk- ja roomevahemike kindlaksmääramiseks**

### **Insulation coordination for equipment within low-voltage systems - Part 5: Comprehensive method for determining clearances and creepage distances equal to or less than 2 mm**

Standardi IEC 60664 käesolev osa sätestab õhk- ja roomevahemike dimensioonimise 2 mm ja väiksematel vahekaugustel trükkplaatide ja muude taoliste konstruktsioonide jaoks, kus õhk- ja roomevahemikud on identsed ja kulgevad piki tahke dielektriku pinda, nagu on kirjeldatud osa 1 jaotises 6.2 (näited 1, 5 ja 11). Dimensioonimine on siin täpsem kui dimensioonimine osa 1 järgi. Muidugi, kui käesolevast standardist tulenev täpsus pole nõutav, võib selle asemel rakendada osa 1. Käesolevat standardit võib kasutada ainult kui tervikut. Ei ole lubatud valida käesolevast standardist üks või mitu jaotist ja kasutada neid osa 1 vastavate jaotiste asemel. Pealegi saab standardi IEC 60664 käesolevat osa kasutada ainult koos osaga 1. Kui 2-millimeetriliste või väiksemate õhk- ja roomevahemike dimensioonimisel rakendatakse standardi käesolevat osa 5, siis tuleb osa 1 kõigi vastavate jaotiste asemel kasutada käesoleva standardi jaotisi. Suuremate kui 2 mm õhk- ja roomevahemike ning tahke isolatsiooni jaoks üldiselt tuleb rakendada osa 1. MÄRKUS 1 Vahemiku piirang 2 mm või vähem kehtib põhi- või lisaisolatsioonile. Koguvahemikud tugevdatud või topeltisolatsiooni korral võivad olla suuremad kui 2 mm. Käesolev standard põhineb järgmistel dimensioonimiskriteeriumidel: – vähimad õhkvahemikud sõltumatult mikrokeskkonnast (vt tabel 2); – vähimad roomevahemikud saasteastmete 1, 2 ja 3 korral roomest põhjustatud kahjustuste vältimiseks (vt tabel 4); – vähimad roomevahemikud ülelöögi vältimiseks piki isolatsiooni pinda (vt tabel 5). MÄRKUS 2 Vajalikku isolatsioonitakistust tagavad vähimad roomevahemikud on esitatud tabelis A.2. MÄRKUS 3 Käesolev standard ei ole rakendatav halvemate kui saasteastmele 3 või niiskustasemele 3 vastavate mikro-keskkonna olude korral. Sätestatakse katsetusmeetod klassifitseerimata isolatsioonimaterjalide paigutamiseks sobivasse veeadsorptsioonigruppi.

Keel: en, et

Alusdokumendid: IEC 60664-5:2007; EN 60664-5:2007

Tühistamisküsitluse lõppkuupäev: 02.05.2015

## TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Standardikeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mida ei avaldata Eesti standardina enne Euroopa organisatsiooni ja Standardikeskuse kokku lepitud dokumendi olemasolust avalikkuse teavitamise hilisemat tähtpäeva. Reeglina võib selliste teadete avaldamine olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samaaegselt nii eesti- kui ka ingliskeelsena.

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

### **EN 636:2012+A1:2015**

#### **Vineer. Spetsifikaadid Plywood - Specifications**

Eeldatav avaldamise aeg Eesti standardina 09.2015

### **EN 12050-1:2015**

#### **Reoveepumplad. Osa 1: Olmereoveepumplad. Wastewater lifting plants for buildings and sites - Part 1: Lifting plants for wastewater containing faecal matter**

Eeldatav avaldamise aeg Eesti standardina 09.2015

### **EN 16636:2015**

#### **Pest management services - Requirements and competences**

Eeldatav avaldamise aeg Eesti standardina 09.2015

### **EN 60079-10-2:2015**

#### **Explosive atmospheres - Part 10-2: Classification of areas - Explosive dust atmospheres**

Eeldatav avaldamise aeg Eesti standardina 11.2015

# UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID

## EVS 720:2015

### Paigalduskaablid. Polüvinüülkloriidmantliga paigalduskaabel Wiring cables - PVC-sheathed wiring cable

See standard sätestab erinõuded Eesti suhteliselt külmades kliimaoludes kohtkindlalt paigaldatavatele vasksoontega, võrkstruktuur-polüeteen-(XLPE)- või polüvinüülkloriid-(PVC)-isolatsiooni ja polüvinüülkloriidmantliga paigalduskaablitele. Kõik selles standardis käsitletavat kaablit peavad täitma rakendatavuse järgi standardi EVS-EN 50525-1 üldnõudeid ning selle standardi erinõudeid. Selles standardis käsitletatavate kaablite isolatsiooni ja mantli nõutav ehitus ning katsetusmeetodid on sätestatud kohalike kliimaolude põhjal. MÄRKUS Taolisi tooteid nimetatakse ka manteljuhtmeteks.

## EVS 920-5:2015

### Katuseehitusreeglid. Osa 5: Lamekatused Requirements for roof building. Part 5: Flat roofs

See standard määratleb nõuded lamekatuste konstruktsiooni- ja sõmlahenduste ehitamiseks ning peamised nõuded lamekatustel kasutatavate materjalidele. Standard määrab nõuded toodetele ja paigalduslahendustele nende kasutamiseks tavalistes eksploatatsioonitingimustes. Lamekatuseks nimetatakse katuseid, mille kalle on 1:10 või sellest väiksem. Lamekatused on üldjuhul kaetud rullmaterjaliga või katkematu hüdroisolatsiooniga. Katkematu hüdroisolatsiooni selle standardi mahus ei käsitleta. Standard on mõeldud juhendamiseks lamekatuste paigaldajatele, üldehitajatele, materjalide tootjatele, projekteerijatele, arhitektidele, ehitusjärelvalvele, ekspertidele ja kasutajatele. Standardis esitatud lahendused on näitlikud ning nende kasutamine ei ole vältimatult kohustuslik. Projekteerijad võivad projekteerida ka teistsuguseid lahendusi. Katusehooldust käsitletakse standardis EVS 920-1. Lamekatuse tuleohutuse projekteerimist käsitletakse standardisarjas EVS 812.

## EVS 925:2015

### Materjal teede aluste stabiliseerimiseks. Koostis, spetsifikatsioonid ja vastavuskriteeriumid Material for the stabilization of road sub-bases. Composition, specifications and conformity criteria

See standard käsitleb tööstuslikult valmistatavaid materjale, mida kasutatakse teekatendi aluse üla- ja alakihtide ehitamiseks, samuti pinnase stabiliseerimiseks ja tugevdamiseks. Selliste stabiliseerivate materjalide kasutamine põhineb pikaajasel kasutuskogemusel, toetudes Eesti looduslikele oludele, kasutatavatele kohalikele materjalidele ja väljatootatud teede konstruktsioonilahendustele, andes sealjuures majanduslikult otstarbeka lahenduse. Antud materjalide valmistamisega antakse võimalus suunata edaspidisesse kasutusse kohaliku põlevkivi- ja tsemenditööstuse kõrvalsaaduseid, kindlustades sealjuures nende sobivuse ettenähtud lõppkasutuseks stabilisaator-sideaines. Standard liigitab materjalid 2-, 7- ja 28-päevase survetugevuse põhjal ning määrab kindlaks materjalide mehaanilised, füüsikalised ja keemilised omadused. Samuti esitatakse nõuded tootmisele, tähistamisele, tarnimisele ja vastavushindamisele. Standardi käsitlusalasse ei kuulu ehitusplatsil koostisosade segamise teel valmistatud tooted.

## EVS-EN 12341:2014

### Välisõhk. Standardne kaalumismeetod suspendeerunud osakeste PM10 või PM2,5 massikontsentratsiooni määramiseks Ambient air - Standard gravimetric measurement method for the determination of the PM10 or PM2,5 mass concentration of suspended particulate matter

See Euroopa standard kirjeldab standardmeetodit suspendeerunud osakeste PM10 või PM2,5 massikontsentratsiooni määramiseks välisõhus osakeste filtrite kogumise ja kaalumise teel. Mõõtmised tehakse lisa A määratletud sissevooluava ehitusega proovivõtuseadmetega, mis töötavad nimivoolukiirusel 2,3 m3/h nominaalsel proovivõtu perioodil 24 h. Mõõtmistulemused esitatakse kujul µg/m3, kusjuures õhu ruumala on proovivõtu ajal sissevooluava juures välitingimustel oleva õhu maht. See standard on rakendatav kontsentratsioonivahemikus ligikaudu 1 µg/m3 (standardmõõtemetodi määramatusena väljendatud avastamiskiir) PM10 puhul kuni 150 µg/m3 ja PM2,5 puhul kuni 120 µg/m3. MÄRKUS 1 Ehkki standard ei ole valideeritud kõrgematel kontsentratsioonidel, võib selle kasutuspiirkonda laiendada välisõhu kontsentratsioonideni ca 200 µg/m3, kasutades sobivaid filtrimaterjale (vt jaotist 5.1.4). See Euroopa standard kirjeldab meetodeid ja esitab nõuded filtrite kassetiga automaatselt järjestikku filtreid vahetavate ja pikemaajaliseks iseseisvaks käitamiseks sobivate proovivõtuseadmete kasutamiseks. Filtrite kassetiga automaatselt järjestikku filtreid vahetavaid proovivõtuseadmeid kasutatakse Euroopa Liidus laialdaselt PM10 või PM2,5 kontsentratsioonide mõõtmiseks välisõhus. Samas aga ei välista see standard ühefiltriliste proovivõtuseadmete kasutamist. Standard ei esita meetodeid muud liiki, nt teistsuguse aerosoolide klassifikaatoriga varustatud ja/või teistsugusel voolukiirusel töötavate proovivõtuseadmete võrdväarsuse tõendamiseks. Sellised meetodid ja nõuded on üksikasjalikult esitatud juhendis „Välisõhu seiremeetodite võrdväarsuse tõendamise juhised“ („Guide to the Demonstration of Equivalence of Ambient Air Monitoring Methods“) [11] ning automaatsetele pidevatele PM-seireseadmetele (vt CEN/TS 16450:2013). See Euroopa standard kujutab endast varasemate Euroopa standardite (EN 12341:1998 ja EN 14907:2005) edasiarendust seoses 2,3 m3/h proovivõtuseadme arendusega, et võtta arvesse filtri temperatuuri piiranguid proovivõtu ajal ja pärast proovivõttu ning võimet jälgida temperatuuri proovivõtusüsteemi kriitilise tähtsusega punktides. Seadmete ostmisel on soovitatav valida sellised, mis vastavad täielikult sellele standardile. Samas aga on nende 2,3 m3/h proovivõtuseadmete vanematel versioonidel, mis ei kasuta õhusärgijahutust ja millel pole võimet jahutada filtreid pärast proovivõttu või võimet jälgida temperatuuri proovivõtusüsteemi kriitilise tähtsusega punktides, eristaatus nende kasutamisel standardiproovivõtuseadmetena. Nende proovivõtuseadmete abil saadud varasemad tulemused on endiselt kehtivad. Neid proovivõtuseadmeid saab endiselt kasutada seireks ja võrdväarsuskatseteks, tingimusel, et täiendavalt võetakse põhjendatult arvesse nende määramatusi (vt lisa B). Lisaks on kolmel konkreetsel proovivõtusüsteemil – „pika düüsiga“ 2,3 m3/h proovivõtuseade ja 68 m3/h proovivõtuseade



PM10 määramiseks vastavalt standardile EN 12341:1998 ning 30 m<sup>3</sup>/h PM<sub>2,5</sub> sissevooluava vastavalt standardile EN 14907:2005 – samuti eristaatus nende kasutamisel standard-proovivõtuseadmetena. Nende proovivõtuseadmete abil saadud varasemad tulemused on endiselt kehtivad. Neid proovivõtuseadmeid saab endiselt kasutada seireks ja võrdväärsuskatseteks, tingimusel, et täiendavalt võetakse põhjendatult arvesse nende määramatusi (vt lisa B). Selle Euroopa standardi lisa B kirjeldatud muid proovivõtuseadmete võib kasutada tingimusel, et täiendavalt võetakse põhjendatult arvesse nende võrdväärsuskatsetest tuletatud määramatusi. MÄRKUS 2 Olemasolevate andmete hindamisel on välja selgitatud, et nende proovivõtuseadmetega PM10 ja PM<sub>2,5</sub> kohta saadavad tulemused on võrdväärsed selle standardi rakendamisel saadavate tulemustega. Tulemused on esitatud lisa B. Samuti annab see Euroopa standard suunised filtrite valimiseks ja katsetamiseks, et vähendada selle standardi rakendamisel saadavate tulemuste mõõtemääramatust.

### **EVS-EN 13747:2005+A2:2010**

#### **Betoonvalmistooted. Vahelaesüsteemides kasutatavad vahelaeplaadid Precast concrete products - Floor plates for floor systems CONSOLIDATE TEXT**

See Euroopa standard määrab kindlaks nõuded, põhilised toimevõimekriteeriumid ja vastavushindamise meetodid normaaltihedusega raud- ja pingebetoonist EN 1992-1-1:2004 kohastele vahelaeplaatidele, mida kasutatakse koos kohtbetooniga (kattekiht) vahelaes komposiitplaadide valmistamiseks. Vahelaeplaatidest valmistatavate komposiitplaadide erinevad tüübid on antud lisa B. Need vahelaeplaadid, kas õõnemoodustajatega või ilma, võivad sisaldada toote valmistamise käigus paigaldatud sarruskarkasse või jäikusribisid. Need peavad olema valmistatud tehases kas valu-, liug- või ekstrusioonmeetodil. Juhul kui suurem osa mehaanilisest vastupanust langeb valmisjäikusribidele, siis kehtivad tootele kas standardi EN 1168 või EN 13224 asjakohased jaotised. Sellele standardile vastavad tooted on ette nähtud kasutamiseks kandvate vahelagede osana, näiteks — hoonete vahelaed ja katused (kaasa arvatud tööstus- ja laohooned, ühiskondlikud hooned, nagu koolid, haiglad jne); — parkimis- ja liikluspinnad; — kraavikatted; — jne. Sillatekkide katteplaadid kuuluvad standardi EN 15050 käsitlusalasse ja see Euroopa standard neid ei hõlma. Tooteid võib kasutada seisimilistes piirkondades eeldusel, et nad vastavad selle kasutuse puhul esitatavatele erinõuetele. See standard ei hõlma: — raud- ja pingebetoonist vahelaeplaate nimipaksusega alla 40 mm; — pingebetoonist vahelaeplaate nimipaksusega alla 50 mm, millel ei ole jäikusribisid või sarrus-karkassi; — väga sileda pinnaga vahelaeplaate, nagu on määratletud standardi EN 1992-1-1:2004 jaotises 6.2.5.

### **EVS-EN 16348:2013**

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

See Euroopa standard määrab kindlaks nõuded, mis võimaldavad ülekandesüsteemi käitajal (TSO) välja arendada ja ellu viia ohutuse juhtimissüsteemi, mis sisaldab torustikele mõeldud terviklikkuse juhtimise süsteemi. Ohutuse juhtimissüsteem SMS on kohaldatav standardile EN ISO 13686 vastava mittemürgise ja mittesöövitava maagaasi ja sisestatava biometaaniga ülekandetaristule, kus: — torustiku elemendid on tehtud legeerimata või madalsüsinikterasest; — torustiku elemendid on ühendatud keev-, äärik- või mehaaniliste liitmike abil. MÄRKUS 1 Selles standardis sisaldab termin „maagaas“ sisestatavat biometaaniga või teisi mittetavapäraseid maagaasi liike, nt kildagaas. Selle standardiga hõlmatud gaasitaristud maagaasi ülekande jaoks on: — maismaa torustikud koos kraanisõlmedega; — kompressorjaamad; — mõõte- ja reguleerijaamad. Gaasijaotuse varad, nagu ka LNG jaamad, terminalid, maa-alused hoidlad, ei kuulu selle standardi käsitlusalasse. Töötervishoid ja -ohutus ei kuulu selle Euroopa standardi käsitlusalasse, sest see on kaetud riigisisese seadusandlusega ning teiste Euroopa ja/või rahvusvaheliste standarditega, nt OHSAS 18001. See Euroopa standard määrab kindlaks nõuded üldisel tasemel. Dokumendid, millele on viidatud peatükis 2 „Normiivited“, annavad detailsemad nõuded osadele teemadele eespool olevas loetelus. See Euroopa standard on ette nähtud kasutamiseks koos nende riigisiseste standardite ja/või tegevusjuhustega, mis kinnitavad ülalmainitud põhiprintsiipe. Juhul, kui tekib konflikt selle standardi nõuete ja riigisisese seadusandluse/regulatsiooni rangemate nõuete vahel, siis on ülimalikuks riigisisene seadusandlus/regulatsioon, nagu seda kirjeldab CEN/TR 13737 (kõik osad). MÄRKUS 2 CEN/TR 13737 (kõik osad) sisaldab: — konkreetse maa asjakohase seadusandluse/regulatsiooni selgitamist; — rangemaid riigisiseseid nõudeid, kus asjakohane; — riigisisest infopunkti uusima info saamiseks.

### **EVS-EN 2:1999+A1:2004**

#### **Tulekahjude klassifikatsioon Classification of fires**

Käesolev standard klassifitseerib erinevad tulekahjud nelja klassi, mis on määratletud põlevaine liigi järgi. Selline klassifikatsioon on eriti sobiv kustutusvahendi valikul tulekahju kustutamisel.

### **EVS-EN 50341-2-20:2015**

#### **Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20: Eesti siseriiklikud erinõuded (SEN) Overhead electrical lines exceeding AC 1 kV - Part 2-20: National Normative Aspects (NNA) for Estonia (based on EN 50341-1:2012)**

See standard rakendub kõigile uutele elektriõhuliinidele vahelduvnimipingega üle 1 kV ja nimisagedusega alla 100 Hz. Ehituslikus osas rakendub see ka alalisvooluõhuliinidele.

### **EVS-EN 508-1:2014**

#### **Plekist katusetooted ja välisseina vooderustooted. Isekandvate terasest, alumiiniumist ja roosteabast terasest plekist valmistatud toodete spetsifikatsioon. Osa 1: Teras**

## Roofing and cladding products from metal sheet - Specification for self-supporting of steel, aluminium or stainless steel sheet - Part 1: Steel

Standardi EN 508 see osa määrab kindlaks nõuded isekandvatele, mittepidevalt paigaldatavatele katuseelementidele ja -katetele, seinavooderdustele, vooderdustele, rennidetele ning katusekiviprofiiliga toodetele, mis on valmistatud metallkattega ning lisa orgaanilise kattega või katteta plekist. Soojusisolatsiooniga ja membraanidega koos kasutamiseks ette nähtud plekk on samuti kattega. See Euroopa standard kehtestab üldised parameetrid, määratlused, klassifikatsiooni ning sildistamise toodetele koos nõuetega materjalidele, millest neid tooteid võib valmistada. Standard on mõeldud kasutamiseks nii tootjatele, tagamaks toodete vastavuse nõuetele, kui ka ostjatele, veendumaks, et ostetud tooted vastavad nõuetele enne nende tehases väljastamist. Standard määratleb nõuded toodetele, mida on võimalik kasutada kõigis normaalsetes ekspluatatsioonitingimustes. See Euroopa standard kehtib kõigile mittepidevalt paigaldatavatele isekandvatele väliskasutuse profileeritud katuseplaatidele, seinavooderdustele, vooderdustele ning rennidetele, välja arvatud katusekiviprofiiliga tooted, mille välispind on väiksem kui 1 m<sup>2</sup> ning mis on toodetud stantsimise teel. Need profileeritud katuseplaadid on kujundatud, takistamaks tuule, vihma ja lume hoonesse sattumist ning edastamaks kõik summaarsed koormused ja harvaesinevad hoolduskoormused kandekonstruktsioonile. See Euroopa standard ei hõlma kandekonstruktsiooniks ette nähtud tooteid, st see hõlmab klassi III kuuluvaid, ehitistes kasutatavaid tooteid (vastavalt standardile EN 1993-1-3), ei hõlma aga klassidesse I ja II kuuluvaid, ehitistes kasutatavaid tooteid (vastavalt standardile EN 1993-1-3), mis on ette nähtud hoone konstruktsiooni üldise või osalise stabiilsuse kindlustamiseks, tagades lõiketugevuse või vastupanu püsivatele staatilistele koormustele (välja arvatud pleki omakaal). Standard ei sisalda nõudeid kandekonstruktsiooni, katusesüsteemi kujunduse, seinavooderduse, vooderduse ja katusekiviprofiilisüsteemi kohta ning ühenduste ja hüdroisolatsiooni teostuse kohta.

### EVS-EN 71-1:2015

## Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused Safety of toys - Part 1: Mechanical and physical properties

See Euroopa standard määrab kindlaks nõuded ja katsemeetodid mänguasjade mehaanilistele ja füüsilistele omadustele. Standard kohaldub laste mänguasjadele, kus mänguasi on mistahes toode või materjal, mis on kavandatud või mõeldud, kas eranditult või mitte, mängimiseks alla 14-aastastele lastele. See puudutab uusi mänguasju, võttes arvesse nende ettenähtavat ja normaalset kasutusperioodi, ning et mänguasja kasutatakse ettenähtud või ettenähtaval viisil, pidades silmas laste käitumist. Standard sisaldab erinõudeid mänguasjadele, mis on mõeldud alla 36 kuu vanustele lastele, alla 18 kuu vanustele lastele ning neile, kes on liiga noored kõrvalise abita istukile tõusmiseks. Vastavalt direktiivile 2009/48/EÜ tähendab „mõeldud kasutamiseks“ seda, et lapsevanem või järelevalvaja peab mänguasja funktsionaalsete omaduste, mõõtude ja tunnuste alusel põhjendatult suutma eeldada, et mänguasi on mõeldud kasutamiseks selleks ettenähtud vanusegrupi lastele. Seetõttu käsitletakse selle Euroopa standardi tähenduses näiteks lihtsaid pehme täidise mänguasju, mis on mõeldud käes või kausis hoidmiseks, kui alla 36 kuu vanustele lastele mõeldud mänguasju. MÄRKUS Informatsiooni seondult mänguasjade klassifitseerimisega vanusegrupi alusel ning eriti seda, millised mänguasjad on mõeldud ja millised mitte alla 36 kuu vanustele lastele, võib leida CEN-i raportist CR 14379, Tarbekaupade Ohutuse Komisjoni (CPSC) vanuse määramise juhistest, CEN-i/CENELEC-i juhendist 11 ning Euroopa Komisjoni juhenddokumentidest. See Euroopa standard määrab samuti kindlaks erinevused pakendile, märgistamisele ja etikettimisele. Standard ei hõlma muusikainstrumente, spordivarustust või sarnaseid esemeid, kuid sisaldab nende mänguasjadena määratletavaid analooge. Standard ei laiene järgmistele mänguasjadele: — mänguväljaku seadmed, mis on mõeldud avalikuks kasutamiseks; — mänguautomaadid, mündiga töötavad või mitte, mis on mõeldud avalikuks kasutamiseks; — sisepõlemismootoriga varustatud mängusõiduvahendid (vt A.2); — mänguauramasinad; — lingud ja katapultid. Esemeid, mille laps üles keerab ja lasseb vabale lennule elastse paela vabastamisega (nt lennukid ja raketid), loetakse katapultideks (vt viies punkt ülalpool). See Euroopa standard ei hõlma mänguasjade elektrilise ohutuse aspekte. Neid käsitletakse standardis EN 62115. Peale selle ei hõlma standard järgmisi esemeid, mida selle standardi mõistes ei loeta mänguasjadeks: a) dekoratiivsed esemed pidustuste ja pidulike juhtude tarvis; b) tooted kollektsioneerimiseks, kui on tagatud, et tootele või selle pakendile on nähtavalt ja loetavalt kantud teave, et see on mõeldud kollektsionääridele vanuses 14 aastat ja üle selle. Selle kategooria näited on: 1) detailised täpse mõõtkavaga mudelid (vt A.2), 2) komplektid detailsete mudelite kokkupanemiseks, 3) suveniirnukud ja dekoratiivsed nukud ning teised sarnased tooted, 4) mänguasjade ajaloolised koopiad, 5) päris tulirelvade täpsed koopiad. c) spordivahendid, sh rollerid, rulluisud ja rulad, mis on mõeldud lastele kehakaaluga üle 20 kg; d) jalgrattad sadula suurima kõrgusega 435 mm, mõõdetuna vertikaalsuunas kaugusena maapinnast istme pealispinnani, kui iste on horisontaalasendis ning sadula varras on sisestatud minimaalse sisestamise tähiseni; e) tõukerattad ja muud liikumisvahendid, mis on mõeldud sportimiseks või liikumiseks avalikel teedel või radadel; f) elektriajamiga sõidukid, mis on mõeldud kasutamiseks liikumisel avalikel teedel, radadel või ka kõnniteedel; g) sügavas vees kasutamiseks mõeldud vahendid ning laste ujuma õpetamise vahendid, nagu ujumisistmed ja ujumisabivahendid; h) mosaiikpildid, mis koosnevad rohkem kui 500 osast; i) püssid ja püstolid, mis kasutavad suruõhku, v.a veepüssid ja -püstolid; j) sportvibud, mille pikkus on üle 120 cm; k) ilutulestikuvahendid, sealhulgas tongid, mis ei ole spetsiaalselt mänguasjadele mõeldud; l) tooted ja mängud, mis kasutavad teravaotsalisi viskevahendeid, nt metallist otstega nooleviskekomplektid; m) funktsionaalsed õppevahendid, nagu elektriahjud, triikraud või muud funktsionaalsed tooted, nagu on määratletud EL-i direktiivis 2009/48/EÜ, mis töötavad nimipingel üle 24 V ning mida müüakse ainult õppeotstarbeks täiskasvanute järelevalve all kasutamiseks; n) tooted, mis on mõeldud kasutamiseks õppeotstarbel koolides ja muus pedagoogilises tegevuses täis-kasvanud juhendaja järelevalve all, näiteks teadusliku otstarbega seadmed; o) elektroonikaseadmed, nagu personaalarvutid ja mängukonsoolid, mida kasutatakse interaktiivse tarkvaraga, ning nendega kaasnevad lisaseadmed, kui need elektroonikaseadmed või nendega kaasnevad lisaseadmed ei ole spetsiaalselt kavandatud ja suunatud lastele ning neil endil on mänguline väärtus, nagu eraldi kavandatud personaalarvutid, klaviatuurid, juhtkangid või roolid; p) interaktiivne tarkvara, mis on mõeldud vaba aja sisustamiseks või meelelahutuseks, ning nende salvestamiseks mõeldud meedia, nagu CD-d; q) imikulutid; r) lastele atraktiivsed valgustid; s) mänguasjade elektritrafod; t) laste mõehted, mis ei ole mõeldud mängimiseks (vt A.2); u) isikukaitsevahendid, k.a ujuvabivahendid, nagu käepaelad ja ujumisistmed (vt A.23), ja ujumisprillid, päikesepillid ja muud silmakaitsevahendid, samuti ratta- ja rulakiivrid (vt A.19).

### **EVS-EN 976-1:2000**

**Klaasplastist (GRP) allmaamahutid. Horisontaalsed silindrilised mahutid vedelate naftabaasiliste kütuste ülerõhuta säilitamiseks. Osa 1: Nõuded ja katsemeetodid ühekordse seinaga mahutitele**

**Underground tanks of glass-reinforced plastics (GRP) - Horizontal cylindrical tanks for the non-pressure storage of liquid petroleum based fuels - Part 1: Requirements and test methods for single wall tanks**

See Euroopa standardi EN 976 osa 1 määrab nõuded ja asjakohased katsetamise meetodid horisontaalsetele, silindrilistele klaasplastist valmistatud mahutitele (edaspidi mahutid) ja nende abiseadmetele, mida kasutatakse nafta baasil kütuste maa-aluseks ülerõhuta hoidmiseks. Selles Euroopa standardis käsitletud mahutid on ühe- või mitmekambrilised ja kas võimalusega lekkeid avastada või ilma. See Euroopa standard hõlmab kahte tüüpi mahuteid, tüüp A sissepääsuga ja tüüp B ilma sissepääsuta, ning kahte jäikusklassi, klass 1 ja klass 2. Samuti hõlmab see kahte järku mahuteid: järk 1 kasutamiseks kõigile nafta baasil kütustele ja järk 2 kasutamiseks diiselmahutitele ja kütteõlile.

### **EVS-EN ISO 12944-2:2000**

**Värvid ja lakid. Teraskonstruksioonide korrosioonitõrje värvkattesüsteemidega. Osa 2: Keskkondade liigitus**

**Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 2: Classification of environments**

1.1 See ISO 12944 osa käsitleb põhiliste keskkondade, millega teraskonstruksioonid kokku puutuvad, klassifikatsiooni ja korrodeerivust. See: — määratleb atmosfääri korrodeerivuse kategooriad, mis põhinevad standardkatsekehade massi (või paksuse) vähenemisel, ja kirjeldab tüüpilisi looduslikke atmosfäärikeskkondi, millega teraskonstruksioonid kokku puutuvad, ning annab soovitusi korrodeerivuse hindamiseks; — kirjeldab eri keskkonnakategooriaid vette sukeldatud või pinnasesse maetud konstruksioonide jaoks; — annab teavet mõnede eriliste korrosioonimõjurite kohta, mis võivad põhjustada olulist korrosioonikiiruse suurenemist või seada kõrgendatud nõudmisi kaitsevärvkattesüsteemi toimivusele. Korrosioonisurve, mis on seotud teatud kindla keskkonna või korrodeerivuse kategooriaga, kujutab endast ühte olulist parameetrit, millest juhendada kaitsevärvkattesüsteemi valimisel. 1.2 See ISO 12944 osa ei käsitle nende keskkondade klassifikatsiooni, mille moodustavad erilised atmosfääritingimused (näiteks keemia- ja metallurgiatehaste ümber).

### **EVS-EN ISO 12944-5:2007**

**Värvid ja lakid. Teraskonstruksioonide korrosioonitõrje värvkattesüsteemidega. Osa 5: Kaitsevärvkattesüsteemid**

**Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 5: Protective paint systems**

See ISO 12944 osa kirjeldab värvide ja värvsüsteemide tüüpe, mida tavaliselt kasutatakse teraskonstruksioonide korrosioonitõrjeks. Samuti pakub see nõuandeid eri keskkondade jaoks saadaolevate värvsüsteemide valiku (vt ISO 12944-2) ja eri pinnaettevalmistuse tasemete (vt ISO 12944-4) ja oodatava kestvuse (vastupidavuse) taseme osas (vt ISO 12944-1). Värvsüsteemi kestvust klassifitseeritakse terminite „madal“, „keskmine“ ja „kõrge“ abil.

### **EVS-ISO 11620:2015**

**Informatsioon ja dokumentatsioon. Raamatukogu tulemusindikaatorid**

**Information and documentation - Library performance indicators (ISO 11620:2014)**

Seda rahvusvahelist standardit saab rakendada kõikide maade igat tüüpi raamatukogudes. Kõik tulemusindikaatorid pole siiski kõigis raamatukogudes rakendatavad. Kasutamise piirangud on loetletud iga indikaatori kirjelduses kasutusala jaotises (vt lisa B). Tulemusindikaatoreid saab kasutada ajaliseks võrdluseks ühes raamatukogus. Võrrelda saab ka raamatukogusid omavahel, kuid vaid teatud tingimustel. Raamatukogude vahelisel võrdlusel tuleb arvestada kõiki erinevusi raamatukogude kasutajaskonnas ja iseloomulikes joontes, hästi aru saada indikaatorite olemusest ja võrdlemise piirangutest ning tõlgendada andmeid ettevaatusega. Standardi tulemusindikaatoritele kehtivad muudki piirangud, mis sõltuvad kohalikest teguritest, nagu teenindatav kogukond, oodatavad teenused ja tehniline taristu. Neid tegureid tuleb kindlasti arvestada, kui tõlgendatakse standardis käsitletud tulemusindikaatorite rakendamise tulemusi. Esitatud tulemusindikaatorid ei kata kõiki raamatukoguteenuseid, tegevusi ega ressurside kasutusviise, sest vastavaid indikaatoreid pole kas selle standardi koostamise ajaks välja pakutud ega läbi proovitud või ei ole need vastanud esitatud kriteeriumidele (vt jaotis 4.2). Käsitletud tulemusindikaatorid ei kajasta kõiki võimalikke mõõtmise ja hindamise meetodeid. Siin pakutakse välja üldtunnustatud, läbiproovitud ja avalikult kättesaadavad (st mitte erakasutuses) meetodid ja lähenemisviisid raamatukoguteenuste tulemuslikkuse mõõtmiseks. Ei välistata nende tulemusindikaatorite kasutamist, mida standardis pole kirjeldatud. Selles standardis pole esitatud tulemusindikaatoreid, mille abil saaks hinnata raamatukogu teenuste mõju üksikisikutele, teenindatavatele kogukondadele või ühiskonnale. Raamatukogu mõju hindamiseks on koostatud eraldi rahvusvaheline standard (ISO 16439). Indikaatorite nimetused on tekstis kirjutatud läbiva suure algustähega, et eristada neid muust tekstist (nt Külastusi Teenindatava Kohta).

### **EVS-ISO 18091:2015**

**Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001:2008 rakendamiseks kohalikus omavalitsuses**

**Quality management systems - Guidelines for the application of ISO 9001:2008 in local government (ISO 18091:2014)**

Käesolev standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon a) peab demonstreerima oma suutlikkust pakkuda järjekindlalt tooteid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele,

ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise, sh süsteemi pideva parendamise protsesside ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamise teel. MÄRKUS 1 Käesolevas standardis kasutatakse sõna "toode" ainult: c) kliendile mõeldud või tema poolt nõutud toote tähenduses; d) tooteprotsessi tulemusena tekkinud mistahes ettekavandatud väljundi tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõueteena. Selle rahvusvahelise standardi eesmärk on anda kohalikele omavalitsustele juhiseid usaldusväärsete tulemuste saavutamiseks standardi ISO 9001:2008 tervikliku kohaldamise kaudu. Need juhised aga ei täienda, muuda ega paranda standardi ISO 9001:2008 nõudeid. Kodanikud peavad kohaliku omavalitsust usaldusväärseks, kui see suudab püsivalt tagada kõigi oluliste protsesside ja toodete/teenuste minimaalse töökindluse. Oluline on, et kõik kohaliku omavalitsuse protsessid, sealhulgas juhtimis-, töö- ja tugiprotsessid, moodustaksid ühtse ning tervikliku kvaliteedijuhtimissüsteemi ja et selle kvaliteedijuhtimissüsteemi kasutamine ning edasiarendamine keskenduks tulemuste saavutamisele. Selle süsteemi terviklik iseloom on oluline, sest muidu võib kohalik omavalitsus olla usaldusväärne küll teatud tegevusvaldkondades, samas aga ebausaldusväärne teistes. Kvaliteedijuhtimissüsteemi protsesside määratlemisel on oluline, et kohalik omavalitsus kaaluks, millised protsessid on tema klientidele/kodanikele usaldusväärsete toodete/teenuste pakkumiseks vajalikud (vt lisa A). Asjaomased protsessid on juhtimis-, toimimis- ja tugiprotsessid ja nende hulka kuuluvad juhtimisprotsessid, toote/teenuse osutamise protsessid ja muud kvaliteedijuhtimissüsteemi mõjusaks toimimiseks vajalikud protsessid. Lisas B on antud kohalike omavalitsuste jaoks diagnostikametoodika oma protsesside ja toodete/teenuste käsitusala ja küpsusaste hindamiseks. Lisa B kasutamine tervikdiagnostikaks on selle rahvusvahelise standardi kasutajate eelistatud lähtepunktiks.

### IEC/TR 61000-2-5:2011 et

## **Elektromagnetiline ühilduvus. Osa 2-5: Keskkond. Elektromagnetiliste keskkondade kirjeldus ja liigitus**

### **Electromagnetic compatibility (EMC) - Part 2-5: Environment - Description and classification of electromagnetic environments (IEC/TR 61000-2-5:2011)**

Teadmised ettenähtud talitlusega elektri- ja elektroonikaseadmete ning süsteemide asukoha olemasolevast elektromagnetilisest keskkonnast on elektromagnetilise ühilduvuse saavutamise oluline eeltingimus. Neid teadmisi võib saada erinevate lähenemismoodustega, sealhulgas ettenähtud asukoha uurimise-sega ning seadmete ja süsteemide tehnilise hindamisega, samuti üldkirjandusest. IEC 61000 see osa — võtab kasutusele häiringuastme mõiste ja määratleb selle igale elektromagnetilisele nähtusele, — kirjeldab nende tunnuseid ja liigitab erinevatesse asukohaklassidesse, — annab antud keskkonna erinevate elektromagnetiliste nähtuste kohta algteavet ja — koostab nende asjakohaste asukohaklasside elektromagnetiliste nähtuste ühilduvusnivoode tabelid. IEC 61000 see osa on ette nähtud juhendina nendele, kes on vastutavad häiringutaluvusnõuete koostamise ja väljatöötamise eest. Andmed on rakendatavad igale elektri- või elektroonikaseadmele, alamsüsteemile või süsteemile, mis talitleb antud tehnilise aruandega kehtestatud asukohas. MÄRKUS 1 Tuleb ära märkida, et ettenähtud asukohas kasutatavale seadmele määratletud häiringutaluvusnõuded ja häiringutaluvushinod ei ole tingimata seotud olemasolevas asukohas ilmneva elektromagnetilise keskkonnaga, vaid ka nõuetega seadmele endale ning rakendustele, kus teda kasutatakse (nt arvestades nõudeid ligipääsetavusele, töökindlusele või ohutusele). Need võivad viia häiringutaluvusnivoode või talitluskriteeriumite seisukohalt rangemate nõueteeni. Samuti võib põhieesmärgiks olla ka nende tasemete kehtestamine üld- ja tootestandardites, võttes arvesse statistilisi ja majanduslikke asjaolusid, samuti üldisi kogemusi teatud rakendusalaal. MÄRKUS 2 Üldiselt on elektromagnetilised nähtused esitatud parameetrite ja iseloomulike tunnuste laia ulatusega ning seega ei saa neid üheselt siduda standardiseeritud häiringutaluvuse katsetega, mis põhiliselt kajastavad hästi kirjeldatud katsemeetodite poolt tekitatud elektromagnetilise nähtuse mõju. Siiski järgib see aruanne suunda läheneda teatud määral elektromagnetilisi nähtuseid ja standarditud häiringutaluvuskatseid. Seega võib antud aruande kasutaja osaliselt arvestada nende standarditud häiringutaluvuskatsetega, nagu on esitatud näiteks IEC 61000-4 seerias, mis määratleb häiringutaluvusnõuded. EE MÄRKUS Varem väljaantud standardites on termini häiringutaluvus asemel kasutatud terminit häiringukindlus. Neid termineid võib lugeda sünonüümideks. Selles aruandes kirjeldatud elektromagnetilised keskkonnad on peamiselt üldistatud, mis arvestavad läbivaatamisel olevate asukohaklasside tunnusnäitajaid. Seega tuleks meeles pidada, et võib olla asukohti, mis nõuavad vajadusel täpsemaid kirjeldusi, et kohaldada häiringutaluvusnõudeid sellele spetsiifilisele asukohale.

## 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](mailto:enquiry@evs.ee).

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 13747:2005+A2:2010	Betoonvalmistooted. Põrandaplaadid põrandasüsteemidele KONSOLIDEERITUD TEKST	Betoonvalmistooted. Vahelaesüsteemides kasutatavad vahelaeplaadid
EVS-EN 50341-2-20:2015	Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20: Eesti siseriiklikud erinõuded	Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20: Eesti siseriiklikud erinõuded (SEN)
EVS-EN 976-1:2000	Klaasplastist (GRP) allmaamahutid. Horisontaalsed silindrilised rõhuvabad mahutid vedelate naftabaasiliste kütuste säilitamiseks. Osa 1: Nõuded ja katsemeetodid ühekordse seinaga mahutitele	Klaasplastist (GRP) allmaamahutid. Horisontaalsed silindrilised mahutid vedelate naftabaasiliste kütuste üleriõhuta säilitamiseks. Osa 1: Nõuded ja katsemeetodid ühekordse seinaga mahutitele
EVS-EN 50341-2-20:2015	Overhead electrical lines exceeding AC 45 kV - Part 2-20: National Normative Aspects (NNA) for ESTONIA (based on EN 50341- 1:2012)	Overhead electrical lines exceeding AC 1 kV - Part 2-20: National Normative Aspects (NNA) for Estonia (based on EN 50341-1:2012)

## UUED EESTIKEELSE PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12341:2014	Ambient air - Standard gravimetric measurement method for the determination of the PM10 or PM2,5 mass concentration of suspended particulate matter	Välisõhk. Standardne kaalumismeetod suspendeerunud osakeste PM10 või PM2,5 massikontsentratsiooni määramiseks
EVS-EN 16348:2013	Gas infrastructure - Safety Management System (SMS) for gas transmission infrastructure and Pipeline Integrity Management System (PIMS) for gas transmission pipelines - Functional requirements	Gaasitaristu. Gaasi ülekandetaristu ohutuse juhtimissüsteem (SMS) ja torustiku terviklikkuse juhtimissüsteem (PIMS) gaasi ülekandetarustikele. Talitluslikud nõuded
EVS-EN 50636-2-100:2014	Household and similar electrical appliances - Safety - Part 2-100: Particular requirements for hand- held mains-operated garden blowers, vacuums and blower vacuums	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-100: Erinõuded käeshoitatavatele võrgupingel töötavatele lehepuhuritele, -koguritele ja imurpuhuritele
EVS-EN 508-1:2014	Roofing and cladding products from metal sheet - Specification for self- supporting of steel, aluminium or stainless steel sheet - Part 1: Steel	Plekist katusetooted ja välisseina vooderdustooted. Isekandvate terasest, alumiiniumist ja roostevabast terasest plekist valmistatud toodete spetsifikatsioon. Osa 1: Teras

EVS-EN 62841-2-2:2014	Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches	Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöomasinad. Ohutus. Osa 2-2: Erinõuded käeshoitavatele kruvikeerajatele ja löökvõtmetele
EVS-EN ISO 13297:2014	Small craft - Electrical systems - Alternating current installations (ISO 13297:2014)	Väikelaevad. Elektrisüsteemid. Vahelduvvoolupaigaldised

## 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 EÜ direktiivide kontekstis Euroopa Komisjoni mandaadi 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 2006/42/EÜ Masinad (EL Teataja 2015/C 054/01)

Harmoniseeritud 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 1127-2:2014 Plahvatusohtlik keskkond. Plahvatusvältimine ja kaitse. Osa 2: Põhimõisted ja meetodika kaevandamisel	13.02.2015	EN 1127-2:2002+A1:2008 Märkus 2.1	13.02.2015
EVS-EN 12042:2014 Toidutöötlemismasinad. Automaatsed taigajagamisseadmed. Ohutus- ja hügieeninõuded	13.02.2015	EN 12042:2005+A1:2010 Märkus 2.1	13.02.2015
EVS-EN 12110:2014 Läbindusmasinad. Survelüüsid. Ohutusnõuded	13.02.2015	EN 12110:2002+A1:2008 Märkus 2.1	13.02.2015
EVS-EN 12111:2014 Läbindusmasinad. Teeheedrid ja läbinduskombainid. Ohutusnõuded	13.02.2015	EN 12111:2002+A1:2009 Märkus 2.1	13.02.2015
EVS-EN 12312-14:2014 Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 14: Sõidukid puuetega reisijatele	13.02.2015	EN 12312-14:2006+A1:2009 Märkus 2.1	13.02.2015
EVS-EN 12312-2:2014 Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 2: Pardatoitlustussõidukid	13.02.2015	EN 12312-2:2002+A1:2009 Märkus 2.1	13.02.2015
EVS-EN 12881-1:2014 Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 1: Katsed propaanipõletiga	13.02.2015	EN 12881-1:2005+A1:2008 Märkus 2.1	13.02.2015
EVS-EN 13000:2010+A1:2014 Kraanad. Liikurkraanad	13.02.2015	EN 13000:2010 Märkus 2.1	13.02.2015
EVS-EN 16191:2014 Läbindusmasinad. Ohutusnõuded	13.02.2015	EN 815:1996+A2:2008; EN 12336:2005+A1:2008 Märkus 2.1	13.02.2015
EVS-EN 16203:2014 Tööstuslike mootorkarude ohutus. Dünaamilised katsed külgsuurtõendamisega. Tasakaalustusraskustega kárad	13.02.2015		
EVS-EN 16228-1:2014 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 1: Üldised nõuded	13.02.2015	EN 791:1995+A1:2009; EN 996:1995+A3:2009 Märkus 2.1	13.02.2015
EVS-EN 16228-2:2014 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 2: Mobiilsed puurtornid tsiviil- ja geotehnoloogiliseks ehituseks, lahtiseks ja kinniseks kaevandamiseks	13.02.2015	EN 791:1995+A1:2009; EN 996:1995+A3:2009 Märkus 2.1	13.02.2015
EVS-EN 16228-3:2014 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 3: Suundpuurimisseadmed	13.02.2015	EN 791:1995+A1:2009; EN 996:1995+A3:2009 Märkus 2.1	13.02.2015

EVS-EN 16228-4:2014 Vaiapaigaldus- ja vundamendirajamiseseadmed. Ohutus. Osa 4: vundamendirajamiseseadmed	13.02.2015	EN 996:1995+A3:2009; EN 791:1995+A1:2009 Märkus 2.1	13.02.2015
EVS-EN 16228-5:2014 Vaiapaigaldus- ja vundamendirajamiseseadmed. Ohutus. Osa 5: Rakistusvaheseinte paigaldusseadmed	13.02.2015	EN 791:1995+A1:2009; EN 996:1995+A3:2009 Märkus 2.1	13.02.2015
EVS-EN 16228-6:2014 Vaiapaigaldus- ja vundamendirajamiseseadmed. Ohutus. Osa 6: Jugapuurimis-, pinnasvalu- ja injektioonvaluseadmed	13.02.2015	EN 791:1995+A1:2009; EN 996:1995+A3:2009 Märkus 2.1	13.02.2015
EVS-EN 16228-7:2014 Vaiapaigaldus- ja vundamendirajamiseseadmed. Ohutus. Osa 7: Vahetatavad abiseadmed	13.02.2015	EN 791:1995+A1:2009; EN 996:1995+A3:2009 Märkus 2.1	13.02.2015
EVS-EN 16590-1:2014 Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 1: Üldised reeglid konstrueerimisele ja arendustöödele (ISO 25119-1:2010 muudetud)	13.02.2015		
EVS-EN 16590-2:2014 Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 2: Kontseptsiooni etapp (ISO 25119-2:2010 muudetud)	13.02.2015		
EVS-EN 16590-3:2014 Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 3: Tootesarjade arendus, riist- ja tarkvara (ISO 25119-3:2010 muudetud)	13.02.2015		
EVS-EN 16590-4:2014 Põllu- ja metsamajanduse traktorid ja masinad. Ohutusega seotud juhtimissüsteemide osad. Osa 4: Tootmine, käitamine, modifitseerimine ja tugiteenused (ISO 25119-4:2010 muudetud)	13.02.2015		
EVS-EN 1870-17:2012 Puidutöötlemismasinade ohutus. Ketassaagimiseadmed. Osa 17: Käsijuhtimisega ühekettalised horisontaalselt lõikavad jätkamissaemasinad (suportsaad)	13.02.2015	EN 1870-17:2007+A2:2009 Märkus 2.1	13.02.2015
Märkus: Hoiatus: viide ei hõlma kõnealuse standardi punkti 5.3.6.1 lõiget 3 seoses saetera kaitsepiirete valikuga; nimetatud punkti kohaldamine ei loo eeldust, et toode vastab direktiivi 2006/42/EÜ I lisa punktis 1.4.2 sätestatud olulistele tervisekaitse- ja ohutusnõuetele.			
EVS-EN 289:2014 Kummi- ja plastitöötlusmasinad. Survevorm- ja survepõhised masinad. Ohutusnõuded	13.02.2015	EN 289:2004+A1:2008 Märkus 2.1	13.02.2015
EVS-EN 50434:2014 Majapidamis- ja muud taolised elektriseadmed. Erinõuded võrgutoiteta purustamis- ja hakkimismasinadele	13.02.2015		
EVS-EN 50636-2-100:2014 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-100: Erinõuded käeshoitavatele võrgupingel töötavatele lehepuhuritele, -koguritele ja imurpuhuritele	13.02.2015		
EVS-EN 50636-2-91:2014 Majapidamismasinad ja nende sarnased elektriseadmed. Ohutus. Osa 2-91: Erinõuded järelkäiguga ja käeshoitavatele muru- ja hekitrimmeritele	13.02.2015		
EVS-EN 50636-2-92:2014 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-92: Erinõuded järelkäiguga ja käeshoitavatele muru- ja hekitrimmeritele	13.02.2015		
EVS-EN 50636-2-94:2014 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-94: Erinõuded käärtadega murupügamismasinadele	13.02.2015		
EVS-EN 60335-2-36:2003/A11:2012 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-36: Erinõuded kaubanduslikele elektripliididele, - ahjudele, -pliidiplaatidele ja pliidiplaatide elementidele	05.04.2013	Märkus 3	13.02.2015
EVS-EN 60335-2-37:2003/A11:2012 Majapidamis- ja muud taoliste elektriseadmete ohutus. Osa 2-37: Erinõuded kaubanduslikele elektrifritüüridele	05.04.2013	Märkus 3	13.02.2015
EVS-EN 60335-2-42:2003/A11:2012 Majapidamis- ja muud taoliste elektriseadmete ohutus. Osa 2-42: Erinõuded kaubanduslikele elektrilistele	05.04.2013	Märkus 3	13.02.2015



sundkonveksiooniga ahjudele, aurukeetjatele ja aurukonveksiooniga ahjudele			
EVS-EN 60335-2-47:2003/A11:2012 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-47: Erinõuded kaubanduslikele elektrikeedupottidele	05.04.2013	Märkus 3	13.02.2015
EVS-EN 60335-2-48:2003/A11:2012 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-48: Erinõuded kaubanduslikele grillidele ja rösteritele	05.04.2013	Märkus 3	13.02.2015
EVS-EN 60335-2-49:2003/A11:2012 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-49: Erinõuded kaubanduslikele elektrilistele toidu ja nõude soojalhoidmiseseadmetele	05.04.2013	Märkus 3	13.02.2015
EVS-EN 60335-2-65:2003/A11:2012 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-65: Erinõuded õhupuhastusseadmetele	05.04.2013	Märkus 3	13.02.2015
EVS-EN 60745-2-3:2011/A11:2014 Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinatele, ketaslihvpinkidele ja poleerimisseadmetele	13.02.2015	Märkus 3	21.04.2016
EVS-EN 957-6:2010+A1:2014 Stationsaarne treenimisvarustus. Osa 6: Jooksurajad, täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid	13.02.2015		
EVS-EN ISO 11200:2014 Akustika. Mehhanismide ja seadmete müra. Juhised üldstandardite kasutamiseks helirõhutaseme määramisel töö- ja muudes piiritletud kohtades	13.02.2015	EN ISO 11200:2009 Märkus 2.1	13.02.2015
EVS-EN ISO 9902-2:2001/A2:2014 Tekstiilimasinad. Mürakatsekood. Osa 2: Ketruse ettevalmistus- ja ketrusmasinad – Muudatus 2 (ISO 9902-2:2001/Amd 2:2014)	13.02.2015	Märkus 3	13.02.2015
EVS-EN ISO 9902-3:2001/A2:2014 Tekstiilimasinad. Mürakatsekood. Osa 3: Mittekudumismasinad- Muudatus 2 (ISO 9902-3:2001/Amd 2:2014)	13.02.2015	Märkus 3	13.02.2015
EVS-EN ISO 9902-4:2001/A2:2014 Tekstiilimasinad. Mürakatsekood. Osa 4: Niiditöötuse, taglasetrosside ja köite valmistamise masinad - Muudatus 2 (ISO 9902-4:2001/Amd 2:2014)	13.02.2015	Märkus 3	13.02.2015
EVS-EN ISO 9902-5:2001/A2:2014 Tekstiilimasinad. Mürakatsekood. Osa 5: Telgedel kudumise ja silmuskudumise ettevalmistusmasinad (ISO 9902-5:2001/Amd 2:2014)	13.02.2015	Märkus 3	13.02.2015
EVS-EN ISO 9902-6:2001/A2:2014 Tekstiilimasinad. Mürakatsekood. Osa 6: Riidevalmistamise masinad (ISO 9902-6:2001/Amd 2:2014)	13.02.2015	Märkus 3	13.02.2015
EVS-EN ISO 9902-7:2001/A2:2014 Tekstiilimasinad. Mürakatsekood. Osa 7: Värvimis- ja viimistlusmasinad (ISO 9902-7:2001/Amd 2:2014)	13.02.2015	Märkus 3	13.02.2015

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 kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

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 kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

**Direktiiv 2009/48/EÜ**  
**Mänguasjade ohutus**  
(EL Teataja 2015/C 087/02)

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 71-1:2015 Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused	13.03.2015	EN 71-1:2011+A3:2014 Märkus 2.1	29.02.2016
EVS-EN 71-14:2014 Mänguasjade ohutus. Osa 14: Batuudid koduseks kasutamiseks	13.03.2015		
EVS-EN 71-3:2013+A1:2014 Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon	13.03.2015	EN 71-3:2013 Märkus 2.1	29.02.2016

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 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 kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Märkus 2.1: Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

**Direktiiv 94/25/EÜ**  
**Väikelaevad**  
(EL Teataja 2015/C 087/01)

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 vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN ISO 10239:2014 Väikelaevad. Veeldatud naftagaasi (LPG) süsteemid	13.03.2015	EN ISO 10239:2008 Märkus 2.1	31.12.2015
EVS-EN ISO 12217-1:2013 Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 1: Mitte purjelaevad, mille kere pikkus on 6 meetrit või rohkem	18.12.2013	EN ISO 12217-1:2002 Märkus 2.1	17.01.2016
EVS-EN ISO 12217-2:2013 Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 2: Purjelaevad, mille kere pikkus on 6 meetrit või rohkem	14.03.2014	EN ISO 12217-2:2002 Märkus 2.1	17.01.2016
EVS-EN ISO 12217-3:2013 Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 3: Laevad, mille kere pikkus on väiksem kui 6 m	18.12.2013	EN ISO 12217-3:2002 Märkus 2.1	17.01.2016
EVS-EN ISO 13297:2014 Väikelaevad. Elektrisüsteemid. Vahelduvvoolupaigaldised	13.03.2015	EN ISO 13297:2012 Märkus 2.1	30.06.2015
EVS-EN ISO 21487:2012/A1:2014 Väikelaevad. Püsipaigaldatud bensiini- ja diislikütuse paagid	13.03.2015	Märkus 3	30.06.2015
EVS-EN ISO 25197:2012/A1:2014 Väikelaevad. Rooli, käiguvahetuse ja seguklapi elektrilised/elektronilised juhtimissüsteemid	13.03.2015	Märkus 3	30.06.2015

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 kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

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 kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.