EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

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EVS TEATAJA

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 15296:2018

Gas welding equipment - Vocabulary (ISO 15296:2017)

This standard constitutes a compilation of technical terms and definitions specifically related to gas welding equipment.

Keel: en
Alusdokumendid: EN ISO 15296:2018; ISO 15296:2017
Asendab dokumenti: EVS-EN 13622:2002

EVS-IEC 60050-161:2015/A2:2018

**Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus
International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/AMD7:2017)**

Muudatus standardile EVS-IEC 60050-161:2015.

Keel: et-en
Alusdokumendid: IEC 60050-161:1990/AMD7:2017
Muudab dokumenti: EVS-IEC 60050-161:2015

EVS-IEC 60050-161:2015+A1+A2:2018

**Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus
International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990 + IEC 60050-161/Amd 1:1997 + IEC 60050-161/Amd 2:1998 + IEC 60050-161/Amd 3:2014 + IEC 60050-161/Amd 4:2014 + IEC 60050-161/Amd 5:2015 + IEC 60050-161:1990/Amd 6:2016 + IEC 60050-161:1990/Amd 7:2017)**

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt “elektromagnetiline keskkond”, “elektromagnetiline häiring”, “elektromagnetiline häire”, “häiringutaluvus”, “häire piirtase”, jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.

Keel: et-en
Alusdokumendid: IEC 60050-161:1990; IEC 60050-161/Amd 1:1997; IEC 60050-161/Amd 2:1998; IEC 60050-161/Amd 3:2014; IEC 60050-161/Amd 4:2014; IEC 60050-161/Amd 5:2015; IEC 60050-161:1990/AMD6:2016; IEC 60050-161:1990/AMD7:2017
Konsolideerib dokumenti: EVS-IEC 60050-161:2015
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A1:2017
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A2:2018

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS 812-4:2018

**Ehitiste tuleohutus. Osa 4: Tööstus- ja laohoonete ning garaažide tuleohutus
Fire safety of constructions - Part 4: Fire safety of industrial buildings, storages and garages**

See standard sätestab ehituslikud tuleohutusnõuded tööstus-, lao- ja põllumajandushoonete ruumide (VI kasutusviis), garaažide (VII kasutusviis) ning vastava tegevusega muude hoonete üksikruumide projekteerimiseks ja ehitamiseks.

Keel: et
Asendab dokumenti: EVS 812-4:2011

EVS-EN 1364-2:2018

Fire resistance for tests for non-loadbearing elements - Part 2: Ceilings

This part of EN 1364 specifies a method for determining the fire resistance of ceilings, which in themselves possess fire resistance independent of any building element above them. This European Standard is used in conjunction with EN 1363-1. The method is applicable to ceilings, which are either suspended by hangers or fixed directly to a supporting frame or construction, and to self-supporting ceilings. Within this test method, the ceiling is exposed to fire, with the exposure being applied either: a) from below the ceiling, or b) from above the ceiling to simulate fire within the cavity above the ceiling. The contribution to fire resistance which a suspended ceiling might provide as a protective membrane to loadbearing elements is determined using the procedure given in EN 13381-1. The fire resistance of loadbearing floors in conjunction with a suspended ceiling can also be assessed by using tests according to EN 1365-2.

Keel: en
Alusdokumendid: EN 1364-2:2018
Asendab dokumenti: EVS-EN 1364-2:2001

EVS-EN 50321-1:2018

Pingealune töö. Elektriohu eest kaitsvad jalatsid. Isoleerjalatsid ja isoleerkalossid
Live working - Footwear for electrical protection - Insulating footwear and overboots

This European Standard specifies the requirements and testing for PPE footwear used as electrical insulating footwear and overboots that provide protection of the worker against electric shock and used for working live or close to live parts on installations up to 36 000 V AC or 25 000 V DC. The products designed and manufactured according to this standard contribute to the safety of the users provided they are used by skilled persons, in accordance with safe methods of work and the instructions for use. Antistatic, electrical shock resistant and conductive footwear are not covered by this standard. NOTE Part 2 Electrical Shock Resistant Footwear and Part 3 Conductive Footwear for Live Working are in development.

Keel: en
Alusdokumendid: EN 50321-1:2018
Asendab dokumenti: EVS-EN 50321:2001

EVS-EN 50364:2018

Product standard for human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

This product standard applies to devices operating within the frequency range 0 Hz to 300 GHz, used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications, in relation to exposure to electromagnetic fields The object of this generic standard is to provide a route for evaluation of such equipment against limits on human exposure to electric, magnetic and electromagnetic fields, and induced and contact current. NOTE Other standards can apply to products covered by this document. In particular this document is not designed to evaluate the electromagnetic compatibility with other equipment; nor does it reflect any product safety requirements other than those specifically related to human exposure to electromagnetic fields.

Keel: en
Alusdokumendid: EN 50364:2018
Asendab dokumenti: EVS-EN 50364:2010

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO 14253-1:2018

Toote geomeetrilised spetsifikatsioonid (GPS). Töödeldavate detailide ja mõõtevahendite kontrollimine mõõtmete alusel. Osa 1: Spetsifikatsioonile vastavuse või mittevastavuse tõendamise otsustusreeglid
Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 1: Decision rules for verifying conformity or nonconformity with specifications (ISO 14253-1:2017)

See standard kehtestab reeglid tõendamaks konkreetse töödeldava detaili (või detailide kogumi) karakteristiku vastavust või mittevastavust antud tolerantsile või mõõtevahendite korral maksimaalselt lubatava mõõtehälbe piiridele, kaasa arvatud kui mõõdetud väärtus jääb spetsifikatsioonipiiride lähedusse, võttes arvesse mõõtemääramatust. See standard rakendub üldistes, st ISO/TC 213 koostatud GPS-standardites määratletud spetsifikatsioonidele (vt ISO 14638), mis hõlmavad — töödeldava detaili / detailide kogumi spetsifikatsioone (harilikult esitatud kui ülemine tolerantsipiir või alumine tolerantsipiir või mõlemad) ja — mõõtevahendi spetsifikatsioone (harilikult esitatud kui maksimaalselt lubatavad mõõtehälbed). See standard rakendub ainult suuruse väärtusarvuga väljendatud karakteristikutele ja maksimaalselt lubatavatele hälvetele.

Keel: en, et
Alusdokumendid: ISO 14253-1:2017; EN ISO 14253-1:2017
Asendab dokumenti: EVS-EN ISO 14253-1:2014

25 TOOTMISTEHNOLOOGIA

EVS-EN 62841-3-10:2015/A11:2018

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-10: Erinõuded veetavatele lõikusmasinatele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines

Muudatus standardile EN 62841-3-10:2015

Keel: en
Alusdokumendid: EN 62841-3-10:2015/A11:2017
Muudab dokumenti: EVS-EN 62841-3-10:2015

EVS-EN ISO 12944-4:2018

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje kaitsvate värvkattesüsteemidega. Osa 4: Pinnatüübid ja pinna ettevalmistamine

Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 4: Types of surface and surface preparation (ISO 12944-4:2017)

See dokument käsitleb järgmisi teraskonstruktsioonide, mis koosnevad süsinik- või madalsüsinikterasest, pinnatüüpe ning nende ettevalmistamist: — katmata pinnad; — pinnad, mis on tsingi, alumiiniumi või nende sulamitega termopihustatud; — kuumsukelgalvaanitud pinnad; — tsinkgalvaanitud pinnad; — kuivtsingitud pinnad; — eelkrundiga värvitud pinnad; — teised värvitud pinnad. Selles dokumendis määratletakse mitmed pinna ettevalmistustasemed, kuid ei täpsustata nõudeid substraadi seisundile enne pinna ettevalmistamist. Kõrgpoleeritud pinnad ja kalestatud pinnad ei ole selle dokumendiga kaetud.

Keel: en, et
Alusdokumendid: ISO 12944-4:2017; EN ISO 12944-4:2017
Asendab dokumenti: EVS-EN ISO 12944-4:1999

EVS-EN ISO 15296:2018

Gas welding equipment - Vocabulary (ISO 15296:2017)

This standard constitutes a compilation of technical terms and definitions specifically related to gas welding equipment.

Keel: en
Alusdokumendid: EN ISO 15296:2018; ISO 15296:2017
Asendab dokumenti: EVS-EN 13622:2002

29 ELEKTROTEHNIKA

EVS-EN 50629:2015/A2:2018

Suurte jõutrafode (Um > 36 kV või Sr ≥ 40 MVA) energiasuutlikkus
Energy performance of large power transformers (Um > 36 kV or Sr ≥ 40 MVA)

This European Standard applies to new three-phase and single-phase power transformers with a highest voltage for equipment exceeding 36 kV and a rated power equal or higher than 5 kVA, or a rated power equal to or higher than 40 MVA regardless of the highest voltage for equipment. The scope of this European Standard is the following: - Defining the appropriate energy efficiency criteria; - Setting of benchmark minimum efficiency levels for new transformers based on an assessment of the energy efficiency of the European transformer population installed in the last 10 years; - Proposing higher minimum efficiency levels for improving the energy efficiency of new transformers; - Providing guidance for consideration of Total Cost of Ownership. This European Standard provides also a form for efficiency data collection to inform future efficiency benchmark levels. NOTE 1 This standard covers the transformers under the EU Regulation N. 548/2014 and gives additional specific indications for single phase transformers, auto transformers, multi winding transformers and for transformers with OD and OF cooling systems. Transformers considered to be out of the scope of this document are the following: - instrument transformers, specifically designed to supply measuring instruments, meters, relays and other similar apparatus, - transformers with low-voltage windings specifically designed for use with rectifiers to provide a DC supply, - transformers specifically designed to be directly connected to a furnace, - transformers specifically designed for offshore applications and floating offshore applications, - transformers specially designed for emergency installations, - transformers and auto-transformers specifically designed for railway feeding systems, - earthing or grounding transformers, this is, three-phase transformers intended to provide a neutral point for system grounding purposes, - traction transformers mounted on rolling stock, this is, transformers connected to an AC or DC contact line, directly or through a converter, used in fixed installations of railway applications, - starting transformers, specifically designed for starting three-phase induction motors so as to eliminate supply voltage dips, - testing transformers, specifically designed to be used in a circuit to produce a specific voltage or current for the purpose of testing electrical equipment, - welding transformers, specifically designed for use in arc welding equipment or resistance welding equipment, - transformers specifically designed for explosion-proof and underground mining applications, - transformers specifically designed for deep water (submerged) applications, - medium Voltage (MV) to Medium Voltage (MV) interface transformers up to 5 MVA, - large power transformers where it is demonstrated that for a particular application, technically feasible alternatives are not available to meet the minimum efficiency requirements set out by EU REGULATION N. 548/2014, - large power transformers which are like for like replacements in the same physical location/installation for existing large power transformers, where this replacement cannot be achieved without entailing disproportionate costs associated to their transportation and/or installation. For dry type large power transformers Minimum PEI values have been published in European Regulation and these values are included in Annex A. NOTE 2 To retain consistency, the same list of exclusions in the EU Regulation N. 548/2014, has also been reproduced here. Within the above EU exclusion list, some had been excluded simply because no PEI data was available to CENELEC at the time on which to base appropriate PEI levels. Consequently, as such information becomes available in the future, it may be possible to derive suitable PEI Levels. Accordingly these particular categories are listed in Clause 6 as suitable for future consideration.

Keel: en
Alusdokumendid: EN 50629:2015/A2:2018
Muudab dokumenti: EVS-EN 50629:2015

EVS-IEC 60050-161:2015/A2:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus
International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/AMD7:2017)

Muudatus standardile EVS-IEC 60050-161:2015.

Keel: et-en
Alusdokumendid: IEC 60050-161:1990/AMD7:2017
Muudab dokumenti: EVS-IEC 60050-161:2015

EVS-IEC 60050-161:2015+A1+A2:2018

**Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus
International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990 + IEC 60050-161/Amd 1:1997 + IEC 60050-161/Amd 2:1998 + IEC 60050-161/Amd 3:2014 + IEC 60050-161/Amd 4:2014 + IEC 60050-161/Amd 5:2015 + IEC 60050-161:1990/Amd 6:2016 + IEC 60050-161:1990/Amd 7:2017)**

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt “elektromagnetiline keskkond”, “elektromagnetiline häiring”, “elektromagnetiline häire”, “häiringutaluvus”, “häire piirtase”, jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.

Keel: et-en
Alusdokumendid: IEC 60050-161:1990; IEC 60050-161/Amd 1:1997; IEC 60050-161/Amd 2:1998; IEC 60050-161/Amd 3:2014; IEC 60050-161/Amd 4:2014; IEC 60050-161/Amd 5:2015; IEC 60050-161:1990/AMD6:2016; IEC 60050-161:1990/AMD7:2017
Konsolideerib dokumenti: EVS-IEC 60050-161:2015
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A1:2017
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A2:2018

33 SIDETEHNIKA

EVS-EN 50364:2018

Product standard for human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

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Keel: en
Alusdokumendid: EN 50364:2018
Asendab dokumenti: EVS-EN 50364:2010

EVS-IEC 60050-161:2015/A2:2018

**Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus
International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/AMD7:2017)**

Muudatus standardile EVS-IEC 60050-161:2015.

Keel: et-en
Alusdokumendid: IEC 60050-161:1990/AMD7:2017
Muudab dokumenti: EVS-IEC 60050-161:2015

EVS-IEC 60050-161:2015+A1+A2:2018

**Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus
International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990 + IEC 60050-161/Amd 1:1997 + IEC 60050-161/Amd 2:1998 + IEC 60050-161/Amd 3:2014 + IEC 60050-161/Amd 4:2014 + IEC 60050-161/Amd 5:2015 + IEC 60050-161:1990/Amd 6:2016 + IEC 60050-161:1990/Amd 7:2017)**

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt “elektromagnetiline keskkond”, “elektromagnetiline häiring”, “elektromagnetiline häire”, “häiringutaluvus”, “häire piirtase”, jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.

Keel: et-en
Alusdokumendid: IEC 60050-161:1990; IEC 60050-161/Amd 1:1997; IEC 60050-161/Amd 2:1998; IEC 60050-161/Amd 3:2014; IEC 60050-161/Amd 4:2014; IEC 60050-161/Amd 5:2015; IEC 60050-161:1990/AMD6:2016; IEC 60050-161:1990/AMD7:2017
Konsolideerib dokumenti: EVS-IEC 60050-161:2015
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A1:2017
Konsolideerib dokumenti: EVS-IEC 60050-161:2015/A2:2018

35 INFOTEHNOLOOGIA

CWA 17239:2018
Big Data in Aquaculture

The scope of this CWA contains six key objectives: 1. To facilitate technology transfer in multi-lingual data collection and analytical solutions and services; 2. To implement a multi-lingual Open Data framework that enables companies to seamlessly access global data in order to make knowledgeable decisions; 3. To promote best practices for aquaculture production management in core activities; 4. To develop innovation and deliver state of the art services in the aquaculture sector by tackling the new opportunities to access global data integrated from heterogeneous sources; 5. To develop a training programme and training activities; 6. To deliver a draft CEN Workshop Agreement on Big data for Aquaculture.

Keel: en
Alusdokumendid: CWA 17239:2018

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3475-604:2018
Aerospace series - Cables, electrical, aircraft use - Test methods - Part 604: Resistance to dry arc propagation

This European standard specifies a method for appraising the behaviour of cable insulation when an electric arc is initiated and maintained by two powered cables rubbing against a blade. This European Standard shall be used together with EN 3475 100. The primary aim of this test is: — to produce, in a controlled fashion, continuous failure effects which are representative of those which may occur in service when a typical cable bundle is damaged by abrasion such that electrical arcing occurs, both between cables and between cables and conductive structure, and — to examine the aptitude of the insulation to track, to propagate electric arc to the electrical origin. Originally defined for 115 Vac network, this test also proposes conditions for 230 Vac network. Unless otherwise specified in product standard, only 115 Vac conditions shall be satisfied. Six levels of prospective fault current have been specified for concerned cable sizes (see Clause 7). It is generally agreed that larger sizes need not be assessed since the short-circuit phenomenon becomes dominant at low line impedances. Unless otherwise specified in the technical/product standard sizes 002, 006 and 020 cable shall be assessed.

Keel: en
Alusdokumendid: EN 3475-604:2018
Asendab dokumenti: EVS-EN 3475-604:2010

EVS-EN 3475-605:2018
Aerospace series - Cables, electrical, aircraft use - Test methods - Part 605: Wet short circuit test

This European Standard specifies a method for appraising the behaviour of cable insulation subjected to an electric arc initiated and maintained by a contaminating fluid. This European Standard shall be used together with EN 3475-100. The primary aim of this test is: to produce, in a controlled fashion, continuous failure effects which are representative of those which may occur in service when a typical cable bundle is damaged and subjected to aqueous fluid contamination such that electrical arcing occurs between cables; to examine the aptitude of the insulation to track to propagate electric arc to the electrical origin. Originally defined for 115 Vac network, this test also proposes conditions for 230 Vac network. Unless otherwise specified in product standard, only 115 Vac conditions shall be satisfied. Six (6) levels of prospective fault current have been specified for concerned cable sizes (see Clause 7). It is generally agreed that larger sizes need not be assessed since the short-circuit phenomenon becomes dominant at low line impedances. Unless otherwise specified in the technical/product standard sizes 002, 006 and 020 cable shall be assessed.

Keel: en
Alusdokumendid: EN 3475-605:2018
Asendab dokumenti: EVS-EN 3475-605:2010

EVS-EN 4533-004:2018
Aerospace series - Fibre optic systems - Handbook - Part 004: Repair, maintenance, cleaning and inspection

The handbook gives guidelines related to ‘Fault analysis and repair’ as well as ‘maintenance and inspection of fibre optic links. The first deals with what to do when something goes wrong – how to go from a fault notification to locating the fault, and finally, repairing it. The second covers the recommended procedures for upkeep and maintaining harness health over the lifetime of its installation.

Keel: en
Alusdokumendid: EN 4533-004:2018
Asendab dokumenti: EVS-EN 4533-004:2006

EVS-EN 4691-2:2018
Aerospace series - Tie rod with integrated bolts - Part 2: Overview construction kit

This European Standard presents the construction kit of rod assemblies for aerospace applications with two adjustable ends with integrated bolts for interior and sub structure in the temperature range −55 °C to 85 °C.

Keel: en
Alusdokumendid: EN 4691-2:2018

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 14932:2018

Plastics - Thermoplastic stretch films for wrapping silage bales

This European Standard specifies the requirements for dimensional, mechanical, oxygen transmission rate and optical characteristics of stretch thermoplastic films for wrapping bales used for ensilaging of forage. It specifies a classification for solar reflectance of the films. This European Standard specifies also test methods to check these requirements. It specifies also test methods for the determination of the airtightness and oxygen permeability determined on a wrapped artificial bale. This European Standard is applicable to white, black or coloured films based on polyolefin materials. It covers the width range from 250 mm up to 1 000 mm. The performances of the stretch films in conformance with this European Standard are based on the use of at least six layers of films, pre-stretched at a ratio between 60 % and 70 % for round bales and a ratio of 55 % and 65 % for wrapping square bales. This European Standard also gives guidance for storage of rolls and instructions for wrapping, storage of wrapped bales and for disposal of films.

Keel: en
Alusdokumendid: EN 14932:2018
Asendab dokumenti: EVS-EN 14932:2007

65 PÕLLUMAJANDUS

EVS-EN 1993-4-1:2007/A1:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

Muudatus standardile EN 1993-4-1:2007

Keel: en, et
Alusdokumendid: EN 1993-4-1:2007/A1:2017
Muudab dokumenti: EVS-EN 1993-4-1:2007

EVS-EN 1993-4-1:2007/NA:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid. Eesti standardi rahvuslik lisa
Eurocode 3 - Design of steel structures - Part 4-1: Silos - Estonian National Annex

Rahvuslik lisa standardile EN 1993-4-1:2007 ja selle muudatusele EN 1993-4-1:2007/A1:2017.

Keel: et, en
Asendab dokumenti: EVS-EN 1993-4-1/NA:2010
Täiendab rahvuslikult dokumenti: EVS-EN 1993-4-1:2007
Täiendab rahvuslikult dokumenti: EVS-EN 1993-4-1:2007/A1:2018

EVS-EN 1993-4-1:2007+A1+NA:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

(1) Eurokoodeksi 3 osas 4.1 on toodud eeskirjad ja rakendusjuhised plaanis ringi- ja ristkülikukujuliste, vabalt seisvate või toetatud terasest puistemahutite ehitusprojekteerimiseks. (2) Selles osas antud tingimused täiendavad, laiendavad või asendavad standardis EN 1993-1 antud ekvivalentseid tingimusi. (3) Käesolev standardi osa keskendub ainult terasest puistemahutite vastupanu ja stabiilsuse nõuetele. Muude nõuete (nagu ekspluatatsiooniohutus, funktsionaalne vastavus, valmistamine ja montaaž, kvaliteedi kontroll, sissepääsuavade, äärikute, täiteseadmete, tühjendusavade ja toiteseadmete detailid) kohta kehtivad eraldi standardid. (4) Seismoprojeekteerimist käsitlevad erinõuded on esitatud standardis EN 1998-4, mis täiendab ja kohaldab eurokoodeksi 3 tingimusi spetsiaalselt selleks tarbeks. (5) Puistemahuti toekonstruktsioonide projekteerimist käsitleb standard EN 1993-1-1. Toekonstruktsioonide hulka loetakse kuuluvaks kõik mahuti alumise rõnga põhjavööst allpool paiknevad tarinduselemendid, vaata joonis 1.1. (6) Puistemahutite raudbetoonvundamente käsitlevad standardid EN 1992 ja EN 1997. (7) Terasest puistemahutite projekteerimisel arvestatavate spetsiifiliste koormuste arvsuurused on antud standardis EN 1991-4 „Puiste- ja vedelikumahutite koormused". (8) Käesolev osa 4.1 ei hõlma: — vastupanu tulekahjule; — sisemise alajaotusega mahuteid ega sisekonstruktsioone; — alla 100 kN (10 tonni) mahutavusega konstruktsioone; — juhtumeid, kus on vajalikud erimeetmed avarii tagajärgede piiramiseks. (9) Kui käesolevat standardit rakendatakse plaanis ringikujulistele mahutitele, on nende geomeetriline kuju piiratud telgsümmeetriliste konstruktsioonidega, kuid neile rakendatud koormused võivad olla ebasümmeetrilised ning nende toed võivad põhjustada mahutis sisejõude, mis pole telgsümmeetrilised.

Keel: et, en
Alusdokumendid: EN 1993-4-1:2007/A1:2017; EN 1993-4-1:2007; EN 1993-4-1:2007/AC:2009; EVS-EN 1993-4-1:2007/NA:2018
Asendab dokumenti: EVS-EN 1993-4-1:2007+NA:2010
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007/A1:2018
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007/AC:2009
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007/NA:2018

EVS-EN 50636-2-107:2015/A1:2018

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-107: Erinõuded akutoitega elektrilistele robotmuruniidukitele

Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers

This clause of Part 1 is replaced by the following: This European Standard specifies safety requirements and their verification for the design and construction of robotic battery powered electrical rotary lawnmowers and their peripherals with the rated voltage of the battery being not more than 75 V d.c. charged by mains electrical and/or alternative energies, e.g. solar power. This European Standard does not apply to non-robotic machines such as lawn trimmers, lawn edge trimmers, lawn edgers, ride-on lawnmowers or pedestrian controlled lawnmowers. This European Standard is not applicable to EMC and environmental hazards (except noise). This European Standard does not apply to internal combustion engine(s), hybrid and fuel cell powered machines and associated charging systems. This European Standard deals with all the significant hazards presented by battery powered robotic lawnmowers and their peripherals when they are used as intended and under conditions of misuse which are reasonably foreseeable. This European Standard is not applicable to machines, which are manufactured before the date of publication of this document by CENELEC. NOTE This European Standard does not apply to battery chargers (EN 60335-2-29:2004).

Keel: en
Alusdokumendid: EN 50636-2-107:2015/A1:2018
Muudab dokumenti: EVS-EN 50636-2-107:2015

71 KEEMILINE TEHNOLOOGIA

EVS-EN 17034:2018

Chemicals used for treatment of water intended for human consumption - Aluminium chloride anhydrous, aluminium chloride basic, dialuminium chloride pentahydroxide and aluminium chloride hydroxide sulfate

This document is applicable to aluminium chloride anhydrous, aluminium chloride basic, dialuminium chloride pentahydroxide and aluminium chloride hydroxide sulfate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements of aluminium chloride basic, polyaluminium chloride hydroxide and polyaluminium chloride hydroxide sulfate and refers to the corresponding analytical methods. It gives information for their use in water treatment. It also gives the usable rules relating to safe handling and use of these aluminium salts (see Annex B).

Keel: en
Alusdokumendid: EN 17034:2018
Asendab dokumenti: EVS-EN 881:2005
Asendab dokumenti: EVS-EN 883:2005

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 14932:2018

Plastics - Thermoplastic stretch films for wrapping silage bales

This European Standard specifies the requirements for dimensional, mechanical, oxygen transmission rate and optical characteristics of stretch thermoplastic films for wrapping bales used for ensilaging of forage. It specifies a classification for solar reflectance of the films. This European Standard specifies also test methods to check these requirements. It specifies also test methods for the determination of the airtightness and oxygen permeability determined on a wrapped artificial bale. This European Standard is applicable to white, black or coloured films based on polyolefin materials. It covers the width range from 250 mm up to 1 000 mm. The performances of the stretch films in conformance with this European Standard are based on the use of at least six layers of films, pre-stretched at a ratio between 60 % and 70 % for round bales and a ratio of 55 % and 65 % for wrapping square bales. This European Standard also gives guidance for storage of rolls and instructions for wrapping, storage of wrapped bales and for disposal of films.

Keel: en
Alusdokumendid: EN 14932:2018
Asendab dokumenti: EVS-EN 14932:2007

EVS-EN 17098-1:2018

Plastics - Barrier films for agricultural and horticultural soil disinfection by fumigation - Part 1: Specifications for barrier films

This document specifies the requirements relating to the dimensional, mechanical and physical-chemical characteristics of thermoplastic barrier films designed for agricultural and horticultural soil disinfection by means of fumigation. This document specifies also the test methods for verifying these requirements, except the method for determining film permeability using a static technique, which is specified in EN 17098 2. This document defines also guidance for installation, use and disposal of barrier films. This document is applicable to films used during soil disinfection by fumigation (class 1), and to films used during soil disinfection subsequently kept in situ as mulch films (class 2). On the date of publication of this document, the barrier films are multi-layer films.

Keel: en
Alusdokumendid: EN 17098-1:2018

EVS-EN 17098-2:2018

Plastics - Barrier films for agricultural and horticultural soil disinfection by fumigation - Part 2: Method for film permeability determination using a static technique

This document specifies a method for determining the gas permeability of films using a static technique. This document is applicable to thermoplastic barrier films for agricultural and horticultural soil disinfection using the fumigation technique.

Keel: en
Alusdokumendid: EN 17098-2:2018

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 12944-4:2018

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje kaitsvate värvkattesüsteemidega. Osa 4: Pinnatüübid ja pinna ettevalmistamine
Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 4: Types of surface and surface preparation (ISO 12944-4:2017)

See dokument käsitleb järgmisi teraskonstruktsioonide, mis koosnevad süsinik- või madalsüsinikterasest, pinnatüüpe ning nende ettevalmistamist: — katmata pinnad; — pinnad, mis on tsingi, alumiiniumi või nende sulamitega termopihustatud; — kuumsukelgalvaanitud pinnad; — tsinkgalvaanitud pinnad; — kuivtsingitud pinnad; — eelkrundiga värvitud pinnad; — teised värvitud pinnad. Selles dokumendis määratletakse mitmed pinna ettevalmistustasemed, kuid ei täpsustata nõudeid substraadi seisundile enne pinna ettevalmistamist. Kõrgpoleeritud pinnad ja kalestatud pinnad ei ole selle dokumendiga kaetud.

Keel: en, et
Alusdokumendid: ISO 12944-4:2017; EN ISO 12944-4:2017
Asendab dokumenti: EVS-EN ISO 12944-4:1999

EVS-EN ISO 23900-1:2018

Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 1: General introduction (ISO 23900-1:2015)

ISO 23900-1:2015 provides an introduction to the various parts of ISO 23900 which describe methods for dispersing pigments and extenders in plastics materials in order to determine their dispersion characteristics and colouristic properties. Methods of assessing dispersion characteristics are described in the subsequent parts of ISO 23900. The various procedures described permit comparison to be made between similar pigments (for example between a test sample and an agreed reference pigment). The results provide an indication of relative dispersibility under practical conditions of use, provided that the test procedure and plastics material selected are appropriate.

Keel: en
Alusdokumendid: ISO 23900-1:2015; EN ISO 23900-1:2018
Asendab dokumenti: EVS-EN 13900-1:2003

EVS-EN ISO 23900-2:2018

Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 2: Determination of colouristic properties and ease of dispersion in plasticized polyvinyl chloride by two-roll milling (ISO 23900-2:2015)

ISO 23900-2:2015 specifies a method of determining the colouristic properties of a test pigment relative to a standard, and the ease of dispersion DHPVC-P of pigments from the differences in colour strength on dispersing colouring materials under various conditions in plasticized polyvinyl chloride (PVC-P) compounds. The method is appropriate for use with organic and inorganic black and colour pigments and for pigment preparations.

Keel: en
Alusdokumendid: ISO 23900-2:2015; EN ISO 23900-2:2018
Asendab dokumenti: EVS-EN 13900-2:2003

EVS-EN ISO 23900-3:2018

Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 3: Determination of colouristic properties and ease of dispersion of black and colour pigments in polyethylene by two-roll milling (ISO 23900-3:2015)

ISO 23900-3:2015 specifies a method of determining in polyethylene (PE) the colouristic properties of a test pigment relative to a standard, and the ease of dispersion DHPE of pigments from the differences in colour strength on dispersing colouring materials under various conditions. Method A is appropriate for use with organic powder pigments and carbon black pigments in powder form, many of which are subject to compaction (reagglomeration under pressure), for inorganic pigments in powder form and for pigment preparations in powder or flake form. Method B is appropriate for testing pigments and pigment preparations in granular form and for inorganic pigments in any form.

Keel: en
Alusdokumendid: ISO 23900-3:2015; EN ISO 23900-3:2018
Asendab dokumenti: EVS-EN 13900-3:2003

91 EHITUSMATERJALID JA EHITUS

EVS 812-4:2018

Ehitiste tuleohutus. Osa 4: Tööstus- ja laohoonete ning garaažide tuleohutus
Fire safety of constructions - Part 4: Fire safety of industrial buildings, storages and garages

See standard sätestab ehituslikud tuleohutusnõuded tööstus-, lao- ja põllumajandushoonete ruumide (VI kasutusviis), garaažide (VII kasutusviis) ning vastava tegevusega muude hoonete üksikruumide projekteerimiseks ja ehitamiseks.

Keel: et
Asendab dokumenti: EVS 812-4:2011

EVS-EN 13467:2018

Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation

This European Standard specifies the equipment and procedures for determining the dimensions, squareness and linearity of preformed pipe insulation, supplied in one piece, half sections or segments. It is applicable to thermal insulating products.

Keel: en
Alusdokumendid: EN 13467:2018
Asendab dokumenti: EVS-EN 13467:2002

EVS-EN 1364-2:2018

Fire resistance for tests for non-loadbearing elements - Part 2: Ceilings

This part of EN 1364 specifies a method for determining the fire resistance of ceilings, which in themselves possess fire resistance independent of any building element above them. This European Standard is used in conjunction with EN 1363-1. The method is applicable to ceilings, which are either suspended by hangers or fixed directly to a supporting frame or construction, and to self-supporting ceilings. Within this test method, the ceiling is exposed to fire, with the exposure being applied either: a) from below the ceiling, or b) from above the ceiling to simulate fire within the cavity above the ceiling. The contribution to fire resistance which a suspended ceiling might provide as a protective membrane to loadbearing elements is determined using the procedure given in EN 13381-1. The fire resistance of loadbearing floors in conjunction with a suspended ceiling can also be assessed by using tests according to EN 1365-2.

Keel: en
Alusdokumendid: EN 1364-2:2018
Asendab dokumenti: EVS-EN 1364-2:2001

EVS-EN 1993-4-1:2007/A1:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

Muudatus standardile EN 1993-4-1:2007

Keel: en, et
Alusdokumendid: EN 1993-4-1:2007/A1:2017
Muudab dokumenti: EVS-EN 1993-4-1:2007

EVS-EN 1993-4-1:2007/NA:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid. Eesti standardi rahvuslik lisa
Eurocode 3 - Design of steel structures - Part 4-1: Silos - Estonian National Annex

Rahvuslik lisa standardile EN 1993-4-1:2007 ja selle muudatusele EN 1993-4-1:2007/A1:2017.

Keel: et, en
Asendab dokumenti: EVS-EN 1993-4-1/NA:2010
Täiendab rahvuslikult dokumenti: EVS-EN 1993-4-1:2007
Täiendab rahvuslikult dokumenti: EVS-EN 1993-4-1:2007/A1:2018

EVS-EN 1993-4-1:2007+A1+NA:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

(1) Eurokoodeksi 3 osas 4.1 on toodud eeskirjad ja rakendusjuhised plaanis ringi- ja ristkülikukujuliste, vabalt seisvate või toetatud terasest puistemahutite ehitusprojekteerimiseks. (2) Selles osas antud tingimused täiendavad, laiendavad või asendavad standardis EN 1993-1 antud ekvivalentseid tingimusi. (3) Käesolev standardi osa keskendub ainult terasest puistemahutite vastupanu ja stabiilsuse nõuetele. Muude nõuete (nagu ekspluatatsiooniohutus, funktsionaalne vastavus, valmistamine ja montaaž, kvaliteedi kontroll, sissepääsuavade, äärikute, täiteseadmete, tühjendusavade ja toiteseadmete detailid) kohta kehtivad eraldi standardid. (4) Seismoprojeekteerimist käsitlevad erinõuded on esitatud standardis EN 1998-4, mis täiendab ja kohaldab eurokoodeksi 3 tingimusi spetsiaalselt selleks tarbeks. (5) Puistemahuti toekonstruktsioonide projekteerimist käsitleb standard EN 1993-1-1. Toekonstruktsioonide hulka loetakse kuuluvaks kõik mahuti alumise rõnga põhjavööst allpool paiknevad tarinduselemendid, vaata joonis 1.1. (6) Puistemahutite raudbetoonvundamente käsitlevad standardid EN 1992 ja EN 1997. (7) Terasest puistemahutite projekteerimisel arvestatavate spetsiifiliste koormuste arvsuurused on antud standardis EN 1991-4

„Puiste- ja vedelikumahutite koormused". (8) Käesolev osa 4.1 ei hõlma: — vastupanu tulekahjule; — sisemise alajaotusega mahuteid ega sisekonstruktsioone; — alla 100 kN (10 tonni) mahutavusega konstruktsioone; — juhtumeid, kus on vajalikud erimeetmed avarii tagajärgede piiramiseks. (9) Kui käesolevat standardit rakendatakse plaanis ringikujulistele mahutitele, on nende geomeetriline kuju piiratud telgsümmeetriliste konstruktsioonidega, kuid neile rakendatud koormused võivad olla ebasümmeetrilised ning nende toed võivad põhjustada mahutis sisejõude, mis pole telgsümmeetrilised.

Keel: et, en
Alusdokumendid: EN 1993-4-1:2007/A1:2017; EN 1993-4-1:2007; EN 1993-4-1:2007/AC:2009; EVS-EN 1993-4-1:2007/NA:2018
Asendab dokumenti: EVS-EN 1993-4-1:2007+NA:2010
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007/A1:2018
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007/AC:2009
Konsolideerib dokumenti: EVS-EN 1993-4-1:2007/NA:2018

EVS-EN ISO 12944-4:2018

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje kaitsvate värvkattesüsteemidega. Osa 4: Pinnatüübid ja pinna ettevalmistamine
Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 4: Types of surface and surface preparation (ISO 12944-4:2017)

See dokument käsitleb järgmisi teraskonstruktsioonide, mis koosnevad süsinik- või madalsüsinikterasest, pinnatüüpe ning nende ettevalmistamist: — katmata pinnad; — pinnad, mis on tsingi, alumiiniumi või nende sulamitega termopihustatud; — kuumsukelgalvaanitud pinnad; — tsinkgalvaanitud pinnad; — kuivtsingitud pinnad; — eelkrundiga värvitud pinnad; — teised värvitud pinnad. Selles dokumendis määratletakse mitmed pinna ettevalmistustasemed, kuid ei täpsustata nõudeid substraadi seisundile enne pinna ettevalmistamist. Kõrgpoleeritud pinnad ja kalestatud pinnad ei ole selle dokumendiga kaetud.

Keel: en, et
Alusdokumendid: ISO 12944-4:2017; EN ISO 12944-4:2017
Asendab dokumenti: EVS-EN ISO 12944-4:1999

93 RAJATISED

EVS-EN 1852-1:2018

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

This part of EN 1852 specifies the requirements for solid wall pipes with smooth internal and external surfaces extruded from the same compound/formulation throughout the wall, fittings and the system of polypropylene (PP) piping systems intended for use for: - non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and - non-pressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure. This is reflected in the marking of products by "U" and "UD". This standard covers PP materials without mineral modifiers. It also specifies the test parameters for the test methods referred to in this standard. NOTE 1 Solid wall multilayer pipes with different formulation throughout the wall and foamed core pipes are covered by EN 13476-2 [1] (see also CEN ISO/TR 27165 [2]). This standard covers a range of nominal sizes, and pipe series and gives recommendations concerning colours. NOTE 2 It is the responsibility of the purchaser or specifier to make the appropriate selection from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. In conjunction with CEN/TS 1852-2, it is applicable to PP pipes and fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for buried piping systems for non-pressure underground drainage and sewerage. The fittings can be manufactured by injection-moulding or be fabricated from pipes and/or mouldings. NOTE 3 Pipes, fittings and other components conforming to any of the plastics product standards listed in Annex C can be connected to pipes and fittings conforming to this standard, when they conform to the requirements for joint dimensions given in Clause 6 and to the requirements of Table 14.

Keel: en
Alusdokumendid: EN 1852-1:2018
Asendab dokumenti: EVS-EN 1852-1:2009

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 15759-2:2018

Conservation of cultural heritage - Indoor climate - Part 2: Ventilation management for the protection of cultural heritage buildings and collections

This European Standard gives guidelines for ventilation management in order to improve the preservation conditions of cultural heritage buildings and their collections. At the same time, it is aimed to create an indoor environment for a sustainable use of these buildings and their collections. This standard is a complement to existing general standards for ventilation that are focused on human comfort. This European Standard is the second part of a standard on indoor climate in cultural heritage buildings, i.e. EN 15759 1:2011. It should be used together with the first part when considering selection of heating strategies and heating systems for cultural heritage buildings, or buildings housing collections. It may be also used when considering other issues, e.g. assessment of buildings, interiors and contents, or improvements for the energy performance. This European Standard deals with indoor climate conditions, ventilation strategies and generic technical solutions for their implementation but not with the technical equipment itself.

Keel: en

Alusdokumendid: EN 15759-2:2018

EVS-EN 1651:2018

Paragliding equipment - Harnesses - Safety requirements and strength tests

This European Standard is applicable only to harnesses for paragliders. The intermediate attachment system between the harness and the paraglider does not form part of this standard. This Standard specifies safety requirements and test methods.

Keel: en
Alusdokumendid: EN 1651:2018
Asendab dokumenti: EVS-EN 1651:2000

EVS-EN 17032:2018

Tööstuslikuks/kaubanduslikuks kasutamiseks mõeldud kiirjahutuskapid ja külmkambrid. Klassifikatsioon, nõuded ja katsetingimused
Blast chillers and freezers cabinets for professional use - Classification, requirements and test conditions

This European Standard specifies the requirements for the construction, characteristics, performance including energy consumption of blast cabinet for professional used in commercial kitchens, hospitals, canteens, institutional catering and similar professional areas. The appliances covered by this European Standard are intended to rapidly cool down hot foodstuffs up to a load capacity of 300 kg. This European Standard applies to: - blast chillers; - blast freezers; - multi-use blast chillers/freezers. The following appliances are not covered: - roll-in cabinet; - pass-through cabinet; - cabinets with remote condensing unit; NOTE Specific requirements for roll-in cabinets, pass-through cabinets and cabinets with remote condensing unit are under discussion. - cabinets with water cooled condenser; - blast chilling and freezing tunnels; - continuous blast-chilling and blast-freezing equipment; - bakery combined freezing and storage units.

Keel: en
Alusdokumendid: EN 17032:2018

EVS-EN 50569:2013/A1:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Erinõuded kaubanduslikele elektrilistele tsentrifuugidele
Household and similar electrical appliances - Safety - Particular requirements for commercial electric spin extractors

Modification 2nd sentence of 2nd paragraph to read: spin extractors which are declared for commercial use in an area open to the public and operated by lay persons e.g. in laundrettes, 5th paragraph to read: This European Standard does not apply to: a) industrial laundry machinery with a drum volume > 150 l (EN ISO 10472-2), b) spin extractors intended

Keel: en
Alusdokumendid: EN 50569:2013/A1:2018
Muudab dokumenti: EVS-EN 50569:2013

EVS-EN 50570:2013/A1:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Erinõuded kaubanduslikele elektrilistele trummelkuivatitele
Household and similar electrical appliances - Safety - Particular requirements for commercial electric tumble dryers

Modification 2nd sentence of 2nd paragraph to read: tumble dryers which are declared for commercial use in an area open to the public and operated by lay persons e.g. in laundrettes, 5th paragraph to read: This European Standard does not apply to: industrial laundry machinery with a drum volume > 150 l (EN ISO 10472-4), tumble dryers intended

Keel: en
Alusdokumendid: EN 50570:2013/A1:2018
Muudab dokumenti: EVS-EN 50570:2013

EVS-EN 50571:2013/A1:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Erinõuded kaubanduslikele elektrilistele pesumasinatele
Household and similar electrical appliances - Safety - Particular requirements for commercial electric washing machines

Modification 2nd sentence of 2nd paragraph to read: washing machines which are declared for commercial use in an area open to the public and operated by lay persons e.g. in laundrettes, 8th paragraph to read: This European Standard does not apply to: industrial laundry machinery with a drum volume > 150 l (EN ISO 10472-2), washing machines intended

Keel: en
Alusdokumendid: EN 50571:2013/A1:2018
Muudab dokumenti: EVS-EN 50571:2013

EVS-EN 71-8:2018

Mänguasjade ohutus. Osa 8: Tegevusmänguasjad koduseks kasutamiseks
Safety of toys - Part 8: Activity toys for domestic use

This European Standard specifies requirements and test methods for activity toys for domestic use often attached to or incorporating a crossbeam, and similar toys intended for children under 14 years to play on or in and often intended to bear the mass of one or more children. This European Standard also specifies requirements for: - separately sold accessories for, and components of activity toys; - separately sold swing elements that are ready for use on or in combination with an activity toy; - construction packages for activity toys including components used to build activity toys according to a scheduled building instruction. The scope of this European Standard excludes: - playground equipment intended for public use dealt with in the EN 1176 series; - bow-mounted rocking activity toys such as rocking horses and similar toys, which are covered by specific requirements in EN 71 1; - toy pools with maximum depth of water over 400 mm measured, between the overflow level and the deepest point within the pool; NOTE 1 For information regarding the classification of pools as toys see European Commission guidance document No. 8 from Bibliographical Entry [1]. - pools with maximum depth of water over 400 mm measured, between the overflow level and the deepest point within the pool, without play elements covered e.g. by the EN 16582 series or EN 16927. NOTE 2 There is an enhanced risk of drowning in toy pools where the depth of water is in excess of 400 mm. - trampolines for domestic use dealt with in EN 71 14. - inflatable activity toys (except paddling pools). See also A.1.

Keel: en
Alusdokumendid: EN 71-8:2018
Asendab dokumenti: EVS-EN 71-8:2011

EVS-EN 748:2013+A1:2018

Playing field equipment - Football goals - Functional and safety requirements, test methods

This document specifies the functional requirements for 4 types and 2 sizes (see Clause 3) and the safety requirements (see Clause 4) for football goals. It is applicable to football goals for training and competition in outdoor sports facilities and indoor arenas. The following football goals are excluded: a) EN 16579: goals with a size of 5,00 m × 2,00 m and 7,32 m × 2,44 m and with a total weight of ≥ 10 kg and ≤ 42 kg (total weight includes net, net fixing and any permanently attached anchoring or stabilizing system); b) EN 16664: (lightweight goals).

Keel: en
Alusdokumendid: EN 748:2013+A1:2018
Asendab dokumenti: EVS-EN 748:2013

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13622:2002
Gas welding equipment - Terminology - Terms used for gas welding equipment

Keel: en
Alusdokumendid: EN 13622:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 15296:2018
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS 812-4:2011
Ehitiste tuleohutus. Osa 4: Tööstus- ja laohoonete ning garaažide tuleohutus
Fire safety of constructions - Part 4: Fire safety of industrial buildings, storages and garages

Keel: et
Alusdokumendid: EVS 812-4:2005
Asendatud järgmise dokumendiga: EVS 812-4:2018
Standardi staatus: Kehtetu

EVS-EN 1364-2:2001
Mittekandvate tarindite tulepüsivuse katsed. Osa 2: Ripplaed
Fire resistance tests on non-loadbearing elements - Part 2: Ceilings

Keel: en
Alusdokumendid: EN 1364-2:1999
Asendatud järgmise dokumendiga: EVS-EN 1364-2:2018
Standardi staatus: Kehtetu

EVS-EN 50321:2001
Elektriisolatsiooniga jalatsid kasutamiseks madalpingeseadistel
Electrically insulating footwear for use on low voltage installations

Keel: en
Alusdokumendid: EN 50321:1999
Asendatud järgmise dokumendiga: EVS-EN 50321-1:2018
Standardi staatus: Kehtetu

EVS-EN 50364:2010
Elektroonilistes jälgimissüsteemides, raadiosageduslikes tuvastussüsteemides ja muudes taolistes rakendustes kasutatavatest, sagedusvahemikus 0 Hz kuni 300 GHz talitlevatest seadmetest tingitud elektromagnetväljade inimesele mõjuva toime piiramine
Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

Keel: en
Alusdokumendid: EN 50364:2010
Asendatud järgmise dokumendiga: EVS-EN 50364:2018
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO 14253-1:2014
Toote geomeetrilised spetsifikatsioonid (GPS). Töödeldavate detailide ja mõõtevahendite kontrollimine mõõtmete alusel. Osa 1: Spetsifikatsioonile vastavuse või mittevastavuse tõendamise reeglid
Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 1: Decision rules for proving conformity or nonconformity with specification (ISO 14253-1:2013)

Keel: en, et
Alusdokumendid: ISO 14253-1:2013; EN ISO 14253-1:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 14253-1:2018

Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 1852-1:2009
Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

Keel: en
Alusdokumendid: EN 1852-1:2009
Asendatud järgmise dokumendiga: EVS-EN 1852-1:2018
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 13622:2002
Gas welding equipment - Terminology - Terms used for gas welding equipment

Keel: en
Alusdokumendid: EN 13622:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 15296:2018
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 50364:2010
Elektroonilistes jälgimissüsteemides, raadiosageduslikes tuvastussüsteemides ja muudes taolistes rakendustes kasutatavatest, sagedusvahemikus 0 Hz kuni 300 GHz talitlevatest seadmetest tingitud elektromagnetväljade inimesele mõjuva toime piiramine
Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

Keel: en
Alusdokumendid: EN 50364:2010
Asendatud järgmise dokumendiga: EVS-EN 50364:2018
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3475-604:2010
Aerospace series - Cables, electrical, aircraft use - Test methods - Part 604: Resistance to dry arc propagation

Keel: en
Alusdokumendid: EN 3475-604:2010
Asendatud järgmise dokumendiga: EVS-EN 3475-604:2018
Standardi staatus: Kehtetu

EVS-EN 3475-605:2010
Aerospace series - Cables, electrical, aircraft use - Test methods - Part 605: Wet short circuit test

Keel: en
Alusdokumendid: EN 3475-605:2010
Asendatud järgmise dokumendiga: EVS-EN 3475-605:2018
Standardi staatus: Kehtetu

EVS-EN 4533-004:2006
Aerospace series - Fibre optic systems - Handbook - Part 004: Repair, maintenance and inspection

Keel: en
Alusdokumendid: EN 4533-004:2006
Asendatud järgmise dokumendiga: EVS-EN 4533-004:2018
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 14932:2007
Plastics - Stretch thermoplastic films for wrapping bales - Requirements and test methods

Keel: en
Alusdokumendid: EN 14932:2006
Asendatud järgmise dokumendiga: EVS-EN 14932:2018
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN 1993-4-1/NA:2010
Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid. Eesti standardi rahvuslik lisa
Eurocode 3 - Design of steel structures - Part 4-1: Silos. Estonian National Annex

Keel: et, en
Asendatud järgmise dokumendiga: EVS-EN 1993-4-1:2007/NA:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 1993-4-1:2007+NA:2010
Parandatud järgmise dokumendiga: EVS-EN 1993-4-1:2007/AC:2009
Standardi staatus: Kehtetu

EVS-EN 1993-4-1:2007+NA:2010
Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

Keel: et, en
Alusdokumendid: EVS-EN 1993-4-1/NA:2010; EN 1993-4-1:2007+AC:2009
Asendatud järgmise dokumendiga: EVS-EN 1993-4-1:2007+A1+NA:2018
Parandatud järgmise dokumendiga: EVS-EN 1993-4-1:2007/AC:2009
Täiendatud rahvuslikult järgmise dokumendiga: EVS-EN 1993-4-1/NA:2010
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 881:2005
Inimtarbevee töötlemiseks kasutatavad kemikaalid. Alumiiniumkloriid (monomeerne), alumiiniumkloriidhüdroksiid (monomeerne) ja alumiiniumkloriidhüdroksiidsulfaat (monomeerne)
Chemicals used for treatment of water intended for human consumption - Aluminium chloride (monomeric), aluminium chloride hydroxide (monomeric) and aluminium chloride hydroxide sulfate (monomeric)

Keel: en
Alusdokumendid: EN 881:2004
Asendatud järgmise dokumendiga: EVS-EN 17034:2018
Standardi staatus: Kehtetu

EVS-EN 883:2005
Chemicals used for treatment of water intended for human consumption - Polyaluminium chloride hydroxyde and polyaluminium chloride hydroxyde sulfate

Keel: en
Alusdokumendid: EN 883:2004
Asendatud järgmise dokumendiga: EVS-EN 17034:2018
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 13900-1:2003
Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 1: General introduction

Keel: en
Alusdokumendid: EN 13900-1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 23900-1:2018
Standardi staatus: Kehtetu

EVS-EN 13900-2:2003

Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 2: Determination of colouristic properties and ease of dispersion in plasticized polyvinyl chloride by two-roll milling

Keel: en
Alusdokumendid: EN 13900-2:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 23900-2:2018
Standardi staatus: Kehtetu

EVS-EN 13900-3:2003

Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 3: Determination of colouristic properties and ease of dispersion of black and colour pigments in polyethylene by two-roll milling

Keel: en
Alusdokumendid: EN 13900-3:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 23900-3:2018
Standardi staatus: Kehtetu

EVS-EN 14932:2007

Plastics - Stretch thermoplastic films for wrapping bales - Requirements and test methods

Keel: en
Alusdokumendid: EN 14932:2006
Asendatud järgmise dokumendiga: EVS-EN 14932:2018
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 12944-4:1999

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje värvkattesüsteemidega. Osa 4: Pinnatüübid ja pinna ettevalmistamine
Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 4: Types of surface and surface preparation

Keel: en
Alusdokumendid: ISO 12944-4:1998; EN ISO 12944-4:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 12944-4:2018
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS 812-4:2011

Ehitiste tuleohutus. Osa 4: Tööstus- ja laohoonete ning garaažide tuleohutus
Fire safety of constructions - Part 4: Fire safety of industrial buildings, storages and garages

Keel: et
Alusdokumendid: EVS 812-4:2005
Asendatud järgmise dokumendiga: EVS 812-4:2018
Standardi staatus: Kehtetu

EVS-EN 13467:2002

Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation

Keel: en
Alusdokumendid: EN 13467:2001
Asendatud järgmise dokumendiga: EVS-EN 13467:2018
Standardi staatus: Kehtetu

EVS-EN 1852-1:2009

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

Keel: en
Alusdokumendid: EN 1852-1:2009
Asendatud järgmise dokumendiga: EVS-EN 1852-1:2018
Standardi staatus: Kehtetu

EVS-EN 1993-4-1/NA:2010

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid. Eesti standardi rahvuslik lisa
Eurocode 3 - Design of steel structures - Part 4-1: Silos. Estonian National Annex

Keel: et, en
Asendatud järgmise dokumendiga: EVS-EN 1993-4-1:2007/NA:2018
Konsolideeritud järgmise dokumendiga: EVS-EN 1993-4-1:2007+NA:2010
Parandatud järgmise dokumendiga: EVS-EN 1993-4-1:2007/AC:2009
Standardi staatus: Kehtetu

EVS-EN 1993-4-1:2007+NA:2010

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

Keel: et, en
Alusdokumendid: EVS-EN 1993-4-1/NA:2010; EN 1993-4-1:2007+AC:2009
Asendatud järgmise dokumendiga: EVS-EN 1993-4-1:2007+A1+NA:2018
Parandatud järgmise dokumendiga: EVS-EN 1993-4-1:2007/AC:2009
Täiendatud rahvuslikult järgmise dokumendiga: EVS-EN 1993-4-1/NA:2010
Standardi staatus: Kehtetu

EVS-EN ISO 12944-4:1999

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje värvkattesüsteemidega. Osa 4: Pinnatüübid ja pinna ettevalmistamine
Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 4: Types of surface and surface preparation

Keel: en
Alusdokumendid: ISO 12944-4:1998; EN ISO 12944-4:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 12944-4:2018
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 1852-1:2009

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

Keel: en
Alusdokumendid: EN 1852-1:2009
Asendatud järgmise dokumendiga: EVS-EN 1852-1:2018
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1651:2000

Paraglidinguvarustus. Rakmed. Ohutusnõuded ja katsemeetodid
Paragliding equipment - Harnesses - Safety requirements and strength tests

Keel: en
Alusdokumendid: EN 1651:1999
Asendatud järgmise dokumendiga: EVS-EN 1651:2018
Standardi staatus: Kehtetu

EVS-EN 71-8:2011

Mänguasjade ohutus. Osa 8: Tegevusmänguasjad koduseks kasutamiseks
Safety of toys - Part 8: Activity toys for domestic use

Keel: en, et
Alusdokumendid: EN 71-8:2011
Asendatud järgmise dokumendiga: EVS-EN 71-8:2018
Standardi staatus: Kehtetu

EVS-EN 748:2013

Playing field equipment - Football goals - Functional and safety requirements, test methods

Keel: en
Alusdokumendid: EN 748:2013
Asendatud järgmise dokumendiga: EVS-EN 748:2013+A1:2018
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast huvitatuil võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

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

Iga arvamusküsitlusel oleva kavandi kohta on esitatud järgnev informatsioon:
• Tähis
• Pealkiri
• Käsitlusala
• Keel (en = inglise; et = eesti)
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul
• Asendusseos, selle olemasolul
• Arvamuste esitamise tähtaeg

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-IEC 60050(702):2001/prA3

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

Muudatus standardile EVS-IEC 60050-702:2001.

Keel: en
Alusdokumendid: IEC 60050-702:1992/AMD3:2017
Muudab dokumenti: EVS-IEC 60050(702):2001

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 844

Round and sawn timber - Terminology

This European Standard defines general terms relating to sawn timber and round timber used in European Standards.

Keel: en
Alusdokumendid: prEN 844
Asendab dokumenti: EVS-EN 844-1:2001
Asendab dokumenti: EVS-EN 844-10:2001
Asendab dokumenti: EVS-EN 844-11:2001
Asendab dokumenti: EVS-EN 844-12:2001
Asendab dokumenti: EVS-EN 844-2:2001
Asendab dokumenti: EVS-EN 844-3:2001
Asendab dokumenti: EVS-EN 844-4:2001
Asendab dokumenti: EVS-EN 844-5:2001
Asendab dokumenti: EVS-EN 844-6:2001
Asendab dokumenti: EVS-EN 844-7:2001
Asendab dokumenti: EVS-EN 844-8:2001
Asendab dokumenti: EVS-EN 844-9:2001

Arvamusküsitluse lõppkuupäev: 16.03.2018

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

prEN ISO 20700

Guidelines for management consultancy services (ISO 20700:2017)

ISO 20700:2017 provides guidelines for the effective delivery of management consultancy services.

Keel: en
Alusdokumendid: ISO 20700:2017; prEN ISO 20700

Arvamusküsitluse lõppkuupäev: 16.03.2018

11 TERVISEHOOLDUS

prEN ISO 13017

Dentistry - Magnetic attachments (ISO/DIS 13017:2018)

This document specifies requirements and test methods for assessing the applicability of dental magnetic attachments that provide retention, support and stabilization of removable prostheses (crowns and bridges, partial dentures and overdentures), superstructures of dental implants and orthodontic or maxillofacial prostheses including obturators.

Keel: en
Alusdokumendid: ISO/DIS 13017; prEN ISO 13017
Asendab dokumenti: EVS-EN ISO 13017:2012
Asendab dokumenti: EVS-EN ISO 13017:2012/A1:2015

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 20186-3

Molecular in-vitro diagnostic examinations - Specifications for pre-examination processes for venous whole blood - Cellular RNA - Part 3: Isolated circulating cell free DNA from plasma (ISO/DIS 20186-3:2018)

This International Standard recommends the handling, documentation, storage and processing of venous whole blood specimens intended for circulating cell free DNA (ccfDNA) examination during the pre-examination phase before a molecular assay is performed. This International Standard covers specimens collected in venous whole blood collection tubes. This International Standard is applicable to molecular in vitro diagnostic examinations including laboratory developed tests performed by medical laboratories. It is also intended to be used by laboratory customers, in vitro diagnostics developers and manufacturers, but also pertains institutions and commercial organizations performing biomedical research, biobanks, and regulatory authorities. CcfDNA profiles can change significantly after blood collection from the donor (e.g., release of genomic DNA from white blood cells, ccfDNA fragmentation and ccfDNA quantity change). Therefore, special measures have to be taken to secure good quality blood samples for ccfDNA examination and storage. Different dedicated measures need to be taken for preserving blood genomic DNA, which are not described in this International Standard. Blood genomic DNA is covered in ISO 20185-2, Molecular in vitro diagnostic examinations — specifications for pre-examination processes for venous whole blood — Part 2: Isolated genomic DNA. NOTE CcfDNA obtained from blood by the procedures suggested in this document can contain DNA present in exosomes. Pathogen DNA present in blood is not covered by this International Standard. Different dedicated measures need to be taken for preserving DNA in circulating exosomes, which are not described in this International Standard. NOTE International, national or regional regulations or requirements may also apply to specific topics covered in this International Standard.

Keel: en
Alusdokumendid: ISO/DIS 20186-3; prEN ISO 20186-3

Arvamusküsitluse lõppkuupäev: 16.03.2018

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 13819-1

Hearing protectors - Testing - Part 1: Physical test methods

This European Standard EN 13819-1 specifies physical test methods for hearing protectors. The purpose of these tests is to enable assessment of the performance of the hearing protector as specified in the appropriate product standard.

Keel: en
Alusdokumendid: prEN 13819-1
Asendab dokumenti: EVS-EN 13819-1:2003

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 13819-2

Hearing protectors - Testing - Part 2: Acoustic test methods

This European Standard EN 13819-2 specifies acoustic test methods for hearing protectors. The purpose of these tests is to enable assessment of the performance of the hearing protector as specified in the appropriate product standard.

Keel: en
Alusdokumendid: prEN 13819-2
Asendab dokumenti: EVS-EN 13819-2:2002

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 17218

Water quality - Guidance on sampling of mesozooplankton from marine and brackish water using mesh

This document specifies procedures for sampling of mesozooplankton using nets and ribbon-sampling devices in marine and brackish waters for the purpose of water quality assessment and determination of ecological status of ecosystems. Guidance on sampling procedures and the subsequent steps of preservation and storage are given. The sampling procedures allow estimates of species occurrence and their abundance (relative or absolute), including spatial distribution and seasonal and long-term temporal trends, for a given body of water. The described methods are restricted to the sampling of mesozooplankton that inhabit

marine and brackish waters and exclude the shallow littoral zones which require a different type of sampling (e.g. zooplankton in salt marshes).

Keel: en
Alusdokumendid: prEN 17218

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 21420
Protective gloves - General requirements and test methods (ISO/DIS 21420:2018)

This standard defines the general requirements and relevant test procedures for glove design and construction, resistance of glove materials to water penetration, innocuousness, comfort and efficiency, marking and information supplied by the manufacturer applicable to all protective gloves. NOTE It can also be applicable to arm protectors and gloves permanently incorporated in containment enclosures. This European Standard does not address the protective properties of gloves and therefore should not be used alone but only in combination with the appropriate specific European Standard(s). A non exhaustive list of these standards is given in the Bibliography.

Keel: en
Alusdokumendid: ISO/DIS 21420; prEN ISO 21420
Asendab dokumenti: EVS-EN 420:2003+A1:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 25177
Soil quality - Field soil description (ISO/DIS 25177:2018)

This International Standard defines rules for describing soil and its environmental context at a given site. This standard describes soil description made in the field. Sites may be natural, near natural, urban or industrial. The soil observations and measurements can be made on a project site level, on a plot level, on layer of horizon level and on specific soil constituents. To be used in soil investigations this International Standard also describes how to describe layers of artificial material or layers that were not modified by pedogenetic processes s. str. and how to describe coarse material of natural or artificial origin. NOTE 1 It may not be possible or necessary to record data under all the headings listed in these descriptions. NOTE 2 An overall guidance for presentation of information from soil surveys is given in ISO 15903. NOTE 3 Sampling is done in respect to series ISO 18400.

Keel: en
Alusdokumendid: ISO/DIS 25177; prEN ISO 25177
Asendab dokumenti: EVS-EN ISO 25177:2011

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 5667-3
Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO/FDIS 5667-3:2018)

This document establishes general requirements for sampling, preservation, handling, transport and storage of all water samples including those for biological analyses. It is not applicable to water samples intended for microbiological analyses as specified in ISO 19458, ecotoxicological assays, biological assays, and passive sampling as specified in the scope of ISO 5667-23. This document is particularly appropriate when spot or composite samples cannot be analysed on site and have to be transported to a laboratory for analysis.

Keel: en
Alusdokumendid: ISO/FDIS 5667-3; prEN ISO 5667-3
Asendab dokumenti: EVS-EN ISO 5667-3:2012

Arvamusküsitluse lõppkuupäev: 16.03.2018

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN 50413
Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)

European standard establishes the procedures and methodology on measurement and calculation of quantities associated with the assessment of human exposure to electric, magnetic and electromagnetic fields in the frequency range from 0 Hz to 300 GHz. It deals with quantities that can be measured or calculated in free space, notably electric and magnetic field strength and includes the measurement and calculation of quantities inside the body that forms the basis for protection guidelines. In particular the standard provides information on − definitions and terminology, − characteristics of electric, magnetic and electromagnetic fields, − measurement of exposure quantities, − instrumentation requirements, − methods of calibration, − measurement techniques and procedures for evaluating exposure, − calculation methods for exposure assessment. The object of this standard is to establish a common reference for the assessment of electrical equipment in relation to human exposure from non-ionising electromagnetic fields.

Keel: en
Alusdokumendid: prEN 50413
Asendab dokumenti: EVS-EN 50413:2009
Asendab dokumenti: EVS-EN 50413:2009/A1:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60704-3:2018

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 3: Procedure for determining and verifying declared noise emission values

This part of IEC 60704 describes procedures for determining and verifying the declared values of the noise emitted by household and similar appliances. It applies to all categories of household and similar electrical appliances covered by part 1 and part 2 standards, which include particular requirements for special categories of appliances. It applies to appliances being produced in quantity, such as in batches, series or lots, which are manufactured to the same technical specification and characterized by the same declared value of noise emission.

Keel: en
Alusdokumendid: IEC 60704-3:201X; prEN 60704-3:2018
Asendab dokumenti: EVS-EN 60704-3:2006

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 20361

Liquid pumps and pump units - Noise test code - Grades 2 and 3 of accuracy (ISO/DIS 20361:2018)

This International Standard specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration, and verification of the airborne noise emission of liquid pumps or pump units (see 4.1). It specifies the noise measurement methods and the operating and mounting conditions that shall be used for the test. Noise emission characteristics include emission sound pressure levels at specified positions and the sound power level. The determination of these quantities is necessary for — declaring the noise emission values, and — purpose of noise control at source at the design stage. The determination of these quantities is also necessary for comparing the noise emitted by liquid pumps on the market. The use of this International Standard ensures the reproducibility of the determination of the airborne noise-emission characteristics within specified limits determined by the grade of accuracy of the basic airborne noise measurement method used. Noise measurement methods according to this International Standard are engineering methods (grade 2) and survey methods (grade 3). This International Standard does not deal with the characterization of the structure-borne sound and liquid-borne noise generated by liquid pumps. NOTE This International Standard is specified in EN 809+A1 for noise measurements of the Pump (or Pump Unit).

Keel: en
Alusdokumendid: ISO/DIS 20361; prEN ISO 20361
Asendab dokumenti: EVS-EN ISO 20361:2015

Arvamusküsitluse lõppkuupäev: 16.03.2018

19 KATSETAMINE

prEN 61010-2-081:2018

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 clause of part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text by the following: This part of IEC 61010 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. NOTE 1 In the case of analytical equipment the complete process usually includes the following steps: • taking a specific quantity of the sample; • preparing the sample by chemical, thermal, mechanical or other means; • measurement; • display, transmission or printing of the results of measurement. NOTE 2 If all or part of the equipment falls within the scope of one or more other part 2 standards of IEC 61010 as well as within the scope of this standard, considerations have to be given to those other part 2 standards.

Keel: en
Alusdokumendid: IEC 61010-2-081:201X; prEN 61010-2-081:2018
Asendab dokumenti: EVS-EN 61010-2-081:2015

Arvamusküsitluse lõppkuupäev: 16.03.2018

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 3506-1

Mechanical properties of corrosion-resistant stainless steel fasteners - Part 1: Bolts, screws and studs with specified property classes - Coarse pitch thread and fine pitch thread (ISO/DIS 3506-1:2018)

This part of ISO 3506 specifies the mechanical properties of bolts, screws and studs made of corrosion-resistant stainless steels, when tested at an ambient temperature range of 10 °C to 35 °C. It specifies property classes in relation to austenitic, martensitic, ferritic and duplex (austenitic-ferritic) steel grades for fasteners (the term “fasteners” is used when bolts, screws and studs are

considered all together). ISO 3506-6 provides additional technical information on suitable stainless steels and their properties. Fasteners conforming to the requirements of this standard are evaluated at that ambient temperature range. It is possible that they do not retain the specified mechanical and physical properties at elevated and/or lower temperatures.

Keel: en
Alusdokumendid: ISO/DIS 3506-1; prEN ISO 3506-1
Asendab dokumenti: EVS-EN ISO 3506-1:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 3506-2

Mechanical properties of corrosion-resistant stainless steel fasteners - Part 2: Nuts with specified property classes - Coarse pitch thread and fine pitch thread (ISO/DIS 3506-2:2018)

This part of ISO 3506 specifies the mechanical and physical properties of nuts, with coarse pitch thread and with fine pitch thread, made of corrosion-resistant stainless steels, when tested at an ambient temperature range of 10 °C to 35 °C. It specifies property classes in relation to austenitic, martensitic, ferritic and duplex (austenitic-ferritic) steel grades for nuts. ISO 3506-6 provides additional technical information on suitable stainless steels and their properties. Nuts conforming to the requirements of this standard are evaluated at that ambient temperature range. It is possible that they do not retain the specified mechanical and physical properties at elevated and/or lower temperatures.

Keel: en
Alusdokumendid: ISO/DIS 3506-2; prEN ISO 3506-2
Asendab dokumenti: EVS-EN ISO 3506-2:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 1762

Rubber hoses and hose assemblies for liquefied petroleum gas, LPG (liquid or gaseous phase), and natural gas up to 25 bar (2,5 MPa) - Specification

This European Standard specifies the requirements for rubber hoses and rubber hose assemblies used for the transfer of liquefied petroleum gas (LPG) in liquid or gaseous phase and natural gas with a maximum working pressure of 25 bar (2,5 MPa) and vacuum within the temperature range of −30 °C to +70 °C and, when designated -LT, −50 °C to +70 °C.

Keel: en
Alusdokumendid: prEN 1762
Asendab dokumenti: EVS-EN 1762:2017

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11296-7

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO/DIS 11296-7:2018)

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for pipes which are formed on site by spirally winding and jointing a pre-manufactured profiled plastics strip, or a profiled plastics strip and integral locking joiner strip, and used for the renovation of underground non-pressure drainage and sewerage networks. It applies to spirally-wound pipes of fixed or variable diameter made of profiled plastics strips, with or without steel stiffening elements, and installed by one of two methods. The first method employs a dedicated winding machine in front of the open end of an existing pipeline, e.g. in a manhole. The pipes thus formed are simultaneously inserted into the existing pipeline by the winding forces, and by certain techniques can also be expanded in diameter after or during insertion. The second method employs a dedicated winding machine which forms the pipe as it traverses the existing pipeline from one manhole to the next. It applies to profile plastics strips of unplasticized poly(vinyl chloride) (PVC-U) with integral locking mechanism, or of high density polyethylene (HDPE) with integrally welded joints.

Keel: en
Alusdokumendid: ISO/DIS 11296-7; prEN ISO 11296-7
Asendab dokumenti: EVS-EN ISO 11296-7:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11299-1

Plastics piping systems for renovation of underground gas supply networks - Part 1: General (ISO/DIS 11299-1:2018)

This document specifies the requirements and test methods for plastics piping systems intended to be used for the renovation of underground gas supply networks. It is applicable to pipes and fittings, as manufactured, as well as to the installed lining system. It is not applicable to the existing pipeline or any non-structural sprayed coatings or annular filler. This document gives the general requirements common to all relevant renovation techniques.

Keel: en
Alusdokumendid: ISO/DIS 11299-1; prEN ISO 11299-1
Asendab dokumenti: EVS-EN ISO 11299-1:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11299-2

Plastics piping systems for renovation of underground gas supply networks - Part 2: Lining with continuous pipes (ISO/DIS 11299-2:2018)

This document, read in conjunction with Part 1, specifies requirements and test methods for pipes and fittings which are part of plastics piping systems installed as continuous pipes in the renovation of underground gas supply networks. It is applicable to polyethylene (PE) pipes of three different types: PE solid wall single layered pipes (nominal outside diameter, dn), including any identification stripes; PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex A, where all layers have the same MRS rating; PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe ("coated pipe"), see Annex A. In addition it covers: jointing of pipe lengths by means of butt fusion; fabricated and injection-moulded fittings made of PE.

Keel: en
Alusdokumendid: ISO/DIS 11299-2; prEN ISO 11299-2

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11299-3

Plastics piping systems for renovation of underground gas supply networks - Part 3: Lining with close-fit pipes (ISO/DIS 11299-3:2018)

This part of ISO 11299, in conjunction with ISO 11299-1, specifies requirements and test methods for close-fit lining systems intended to be used for the renovation of gas supply networks. It applies to pipes and fittings, as manufactured, as well as to the installed lining system. It is applicable to polyethylene (PE) pipes for both independent and interactive pressure pipe liners as well as associated fittings and joints for the construction of the lining system. It is applicable to PE pipes, fittings and assemblies intended to be used at an operating temperature of 20 °C as the reference temperature. NOTE For other operating temperatures, guidance is given in ISO 4437-5:2014.

Keel: en
Alusdokumendid: ISO/DIS 11299-3; prEN ISO 11299-3
Asendab dokumenti: EVS-EN ISO 11299-3:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 14245

Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing (ISO/DIS 14245:2018)

This International Standard specifies the requirements for design, specification, type testing and production testing and inspection for dedicated LPG self-closing cylinder valves for use with and directly connected to transportable refillable LPG cylinders. It also includes requirements for associated equipment for vapour and liquid service. Bursting discs and/or fusible plugs are not covered in this International Standard. Annex A identifies requirements for production testing and inspection. This International Standard excludes other LPG cylinder devices which are not an integral part of the dedicated self-closing cylinder valve. This International Standard does not apply to cylinder valves for fixed automotive installations and ball valves. NOTE For manually operated LPG cylinder valves see ISO 15995. For cylinder valves for compressed, dissolved and other liquefied gases see ISO 10297, ISO 17871 or ISO 17879.

Keel: en
Alusdokumendid: ISO/DIS 14245; prEN ISO 14245
Asendab dokumenti: EVS-EN ISO 14245:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 15995

Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated (ISO/DIS 15995:2018)

This International Standard specifies the requirements for design, specification, type testing and production testing and inspection of dedicated LPG manually operated cylinder valves for use with and directly connected to transportable refillable LPG cylinders. It also includes requirements for associated equipment for vapour and liquid service. Bursting discs and/or fusible plugs are not covered in this International Standard. Annex B identifies requirements for production testing and inspection. This International Standard excludes other LPG cylinder devices which are not an integral part of the dedicated manually operated cylinder valve. This International Standard does not apply to cylinder valves for fixed automotive installations and ball valves. NOTE For self-closing LPG cylinder valves see ISO 14245. For cylinder valves for compressed, dissolved and other liquefied gases see ISO 10297, ISO 17871 or ISO 17879.

Keel: en
Alusdokumendid: ISO/DIS 15995; prEN ISO 15995
Asendab dokumenti: EVS-EN ISO 15995:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 20361

Liquid pumps and pump units - Noise test code - Grades 2 and 3 of accuracy (ISO/DIS 20361:2018)

This International Standard specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration, and verification of the airborne noise emission of liquid pumps or pump units (see 4.1). It specifies the

noise measurement methods and the operating and mounting conditions that shall be used for the test. Noise emission characteristics include emission sound pressure levels at specified positions and the sound power level. The determination of these quantities is necessary for — declaring the noise emission values, and — purpose of noise control at source at the design stage. The determination of these quantities is also necessary for comparing the noise emitted by liquid pumps on the market. The use of this International Standard ensures the reproducibility of the determination of the airborne noise-emission characteristics within specified limits determined by the grade of accuracy of the basic airborne noise measurement method used. Noise measurement methods according to this International Standard are engineering methods (grade 2) and survey methods (grade 3). This International Standard does not deal with the characterization of the structure-borne sound and liquid-borne noise generated by liquid pumps. NOTE This International Standard is specified in EN 809+A1 for noise measurements of the Pump (or Pump Unit).

Keel: en
Alusdokumendid: ISO/DIS 20361; prEN ISO 20361
Asendab dokumenti: EVS-EN ISO 20361:2015

Arvamusküsitluse lõppkuupäev: 16.03.2018

25 TOOTMISTEHNOLOOGIA

prEN 60974-14:2018
Arc welding equipment - Part 14: Performance verification

This part of IEC 60974 specifies requirements for the verification of arc welding and external monitoring equipment. This standard also serves for practical implementation of the verification procedure for arc welding equipment. This standard can be applied at the time of installation and any other times or intervals the user deems appropriate to ensure the equipment is capable of operating to the manufacturer's specification or other specifications deemed applicable by the user. This part of IEC 60974 is not applicable to – plasma systems used for cutting and gouging; – arc striking and stabilizing devices; – arc welding equipment designed in accordance with IEC 60974-6. NOTE 1 Other components in welding systems such as for example robots, turning devices, gas consoles etc. also have influence on the welding result and can be verified, if necessary. Additional information can be found in ISO 17662. NOTE 2 Periodic inspection and testing for arc welding equipment is covered in IEC 60974-4. This part of IEC 60974 is applicable for the user, service shop or manufacturer. It can be used – stand alone; – in conjunction with manufacturer's instructions; or – as the basis for an equivalent verification procedure written by the manufacturer for specific equipment.

Keel: en
Alusdokumendid: IEC 60974-14:201X; prEN 60974-14:2018
Asendab dokumenti: EVS-EN 50504:2008

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60974-2:2018
Arc welding equipment - Part 2: Liquid cooling systems

This document specifies safety and construction requirements for industrial and professional liquid cooling systems used in arc welding and allied processes to cool torches. This part of IEC 60974 is applicable to liquid cooling systems which are stand-alone (separate from the welding equipment) or built-in (housed in a single enclosure with other welding equipment). This part of IEC 60974 is not applicable to refrigerated cooling systems. NOTE 1 Typical allied processes are electric arc cutting and arc spraying. NOTE 2 This part of IEC 60974 does not include electromagnetic compatibility (EMC) requirements that are given in IEC 60974-10.

Keel: en
Alusdokumendid: IEC 60974-2:201X; prEN 60974-2:2018
Asendab dokumenti: EVS-EN 60974-2:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60974-3:2018
Arc welding equipment - Part 3: Arc striking and stabilizing devices

This document specifies safety requirements for industrial and professional arc striking and arc stabilizing devices used in arc welding and allied processes. This document is applicable to arc striking and stabilizing devices which are stand-alone (separate from the welding equipment) or built-in (housed in a single enclosure with other arc welding equipment). NOTE 1 Typical allied processes are for example plasma arc cutting and arc spraying. NOTE 2 This standard does not include electromagnetic compatibility (EMC) requirements.

Keel: en
Alusdokumendid: IEC 60974-3:201X; prEN 60974-3:2018

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60974-5:2018
Arc welding equipment - Part 5: Wire feeders

This document specifies safety and performance requirements for industrial and professional equipment used in arc welding and allied processes to feed filler wire. This document is applicable to wire feeders which are stand-alone (separate from the welding equipment) or housed in a single enclosure with other welding equipment. The wire feeder may be suitable for manually or mechanically guided torches. This document is not applicable to spool-on torches that are covered by IEC 60974-7. NOTE 1 Typical allied processes are electric arc cutting and arc spraying. NOTE 2 This standard does not include electromagnetic compatibility (EMC) requirements that are given in IEC60974-10.

Keel: en
Alusdokumendid: IEC 60974-5:201X; prEN 60974-5:2018
Asendab dokumenti: EVS-EN 60974-5:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60974-7:2018

Arc welding equipment - Part 7:Torches

This document specifies safety and construction requirements for torches used for arc welding and allied processes. This document is applicable to manual, mechanically guided, air-cooled, liquid-cooled, motorized, spool-on and fume extraction torches. In this document, a torch consists of the torch body, the cable-hose assembly and other components. This document is also applicable to a cable-hose assembly connected between a power source and ancillary equipment. This document is not applicable to electrode holders for manual metal arc welding or air-arc cutting/gouging. NOTE 1 Typical allied processes are electric arc cutting and arc spraying. NOTE 2 Other components are listed in Table A.1. NOTE 3 In this document, all procedures and requirements are the same for “torches” and “guns”. For convenience "torch" has been used in the following text.

Keel: en
Alusdokumendid: IEC 60974-7:201X; prEN 60974-7:2018
Asendab dokumenti: EVS-EN 60974-7:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62769-115-2:2018

Field device integration (FDI) – Part 115-2: Profiles – Modbus-RTU

This document defines the protocol-specific definitions (PSDs) as defined in IEC 62769-7 on generic protocol extensions for the Modbus1-RTU protocol according to CPF 15 in IEC 61784-2.

Keel: en
Alusdokumendid: IEC 62769-115-2:201X; prEN 62769-115-2:2018

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11177

Vitreous and porcelain enamels - Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply - Quality requirements and testing (ISO/DIS 11177:2018)

This International Standard specifies the requirements for product quality and product testing of enamelled valves and pressure pipe fittings for untreated and potable water supply. It is not applicable for chemical service glass-enamel and apparatus enamel.

Keel: en
Alusdokumendid: ISO/DIS 11177; prEN ISO 11177
Asendab dokumenti: EVS-EN ISO 11177:2016

Arvamusküsitluse lõppkuupäev: 16.03.2018

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 62282-6-400:2018

Fuel cell technologies - Part 6-400: Micro fuel cell power systems - Power and data interchangeability

This part of IEC 62282 covers interchangeability of power and data between micro fuel cell power systems and electronic devices to provide the micro fuel cell power system compatibility for a variety of electronic devices while maintaining the safety and performance of micro fuel cell system. For this purpose, the standard covers power interfaces and its connector configuration. The power management circuitry and power sharing methodology are also provided. This standard also covers data communication protocol and its data specification. Operation modes and alerts conditions are also provided for the means to comply with the power control requirements of electronic device. A micro fuel cell power system and micro fuel cell power units block diagram is shown in Figure 1. Micro fuel cell power systems and micro fuel cell power units are defined as those wearable or easily carried by hand, providing d.c. outputs that do not exceed 60 V d.c. and power outputs that do not exceed 240 VA. This standard covers the power and data interfaces between the micro fuel cell power unit and electronic device.

Keel: en
Alusdokumendid: IEC 62282-6-400:201X; prEN 62282-6-400:2018

Arvamusküsitluse lõppkuupäev: 16.02.2018

29 ELEKTROTEHNIKA

EN 60034-18-41:2014/prA1:2018

Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in rotating electrical machines fed from voltage converters - Qualification and quality control tests

Amendment for EN 60034-18-41:2014

Keel: en
Alusdokumendid: IEC 60034-18-41:2014/A1:201X; EN 60034-18-41:2014/prA1:2018
Muudab dokumenti: EVS-EN 60034-18-41:2014

Arvamusküsitluse lõppkuupäev: 16.03.2018

EVS-IEC 60050(702):2001/prA3

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

Muudatus standardile EVS-IEC 60050-702:2001.

Keel: en
Alusdokumendid: IEC 60050-702:1992/AMD3:2017
Muudab dokumenti: EVS-IEC 60050(702):2001

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60079-31:2018

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

This part of IEC 60079 is applicable to equipment protected by enclosure and surface temperature limitation for use in explosive dust atmospheres. It specifies requirements for design, construction and testing of Ex Equipment and Ex Components. This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard takes precedence. This standard does not apply to dusts of explosives, which do not require atmospheric oxygen for combustion, or to pyrophoric substances. This standard does not apply to Ex Equipment or Ex Components intended for use in underground parts of mines as well as those parts of surface installations of such mines endangered by firedamp and/or combustible dust. This standard does not take account of any risk due to an emission of flammable or toxic gas from the dust.

Keel: en
Alusdokumendid: IEC 60079-31:201X; prEN 60079-31:2018
Asendab dokumenti: EVS-EN 60079-31:2014

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60255-181:2018

Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection

This part of IEC 60255 specifies the minimum requirements for functional and performance evaluation of frequency protection. This standard also defines how to document and publish performance test results. This standard covers the functions based on frequency measurement or rate of change of frequency measurements. The standard also covers frequency protection where additional blocking elements are used. This standard defines the influencing factors that affect the accuracy under steady state conditions and performance characteristics during dynamic conditions. The test methodologies for verifying performance characteristics and accuracy are also included in this standard.

Keel: en
Alusdokumendid: IEC 60255-181:201X; prEN 60255-181:2018

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62386-220:2018

Digital addressable lighting interface - Part 220: Particular requirements for control gear - Centrally Supplied DC Emergency Operation (device type 19)

The IEC 62386 series specifies a bus system for control by digital signals of electronic lighting equipment. This electronic lighting equipment should be in line with the requirements of IEC 61347, with the addition of d.c. supplies. This part of IEC 62386 is applicable to control gear supporting centrally supplied emergency operation as described in EN 50171. Emergency operation can be triggered in two ways. Either by failure of the normal supply and establishment of emergency supply or by short circuiting the bus. In both cases the control gear will operate at a predefined light level. This part does not apply to self-contained emergency lighting control gear. Those control gear are specified in IEC-62386-202.

Keel: en
Alusdokumendid: IEC 62386-220:201X; prEN 62386-220:2018

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62902:2018

Secondary batteries: Marking symbols for identification of their chemistry

This document specifies methods for the clear identification of secondary cells, batteries, battery modules and monoblocs according to their chemistry (electrochemical storage technology). The markings described in this standard are applicable for secondary cells, batteries, battery modules and monoblocs with a volume of more than 900 cm³. The marking of the chemistry is useful for the installation, operation and decommissioning phases of a battery life. Many recycling processes are chemistry specific, undesired events may occur when a battery which is not of the appropriate chemistry enters a given recycling process. Therefore, in order to ensure a safe handling during sorting and recycling processes, it is necessary to mark the battery so as to

identify its chemistry. This standard defines the conditions of utilization of the markings indicating the chemistry of these secondary batteries. The details of markings and their application are defined in this standard.

Keel: en
Alusdokumendid: IEC 62902:201X; prEN 62902:2018

Arvamusküsitluse lõppkuupäev: 16.02.2018

31 ELEKTROONIKA

EVS-IEC 60050(702):2001/prA3

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

Muudatus standardile EVS-IEC 60050-702:2001.

Keel: en
Alusdokumendid: IEC 60050-702:1992/AMD3:2017
Muudab dokumenti: EVS-IEC 60050(702):2001

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60286-3:2018

Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes

This part of IEC 60286 is applicable to the tape packaging of electronic components without leads or with lead stumps, intended to be connected to electronic circuits. It includes only those dimensions that are essential for the taping of components intended for the above mentioned purposes. This document also includes requirements related to the packaging of singulated die products including bare die and bumped die (flip chips).

Keel: en
Alusdokumendid: IEC 60286-3:201X; prEN 60286-3:2018
Asendab dokumenti: EVS-EN 60286-3:2013
Asendab dokumenti: EVS-EN 60286-3:2013/AC:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60384-17:2018

Fixed capacitors for use in electronic equipment - Part 17: Sectional specification: Fixed metallized polypropylene film dielectric a.c. and pulse capacitors

This part of IEC 60384 applies to fixed capacitors with metallized electrodes and polypropylene dielectric for use in electronic equipment. NOTE Capacitors which have mixed film and metallized electrodes are also within the scope of this standard. These capacitors may have "self-healing" properties depending on conditions of use. Capacitors covered by this specification are mainly intended for use with alternating voltage and/or for pulse applications. The maximum reactive power applicable is 10 000 var and the maximum peak voltage is 3 000 V. Capacitors for reactive power exceeding 500 var, and to which a maximum peak voltage of 2 500 V at 50 Hz can be applied, are not covered by this standard, except when they are the highest part of a range of reactive power mainly situated below 500 var at 50 Hz. This standard is not intended to cover capacitance values higher than 20 µF. Two performance grades of capacitors are covered, Grade 1 for long-life application and Grade 2 for general application. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. Capacitors for electrical shock hazard protection (covered by IEC 60065 of IEC technical committee 61) and fluorescent lamp and motor capacitors (covered by IEC 60252-1 and IEC 60252-2 of IEC technical committee 33), and capacitors for use in tubular fluorescent and other discharge lamp circuits (covered by IEC 61048 and IEC 61049 of IEC technical committee 34) are also excluded.

Keel: en
Alusdokumendid: IEC 60384-17:201X; prEN 60384-17:2018
Asendab dokumenti: EVS-EN 60384-17:2008

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 61191-1:2018

Printed board assemblies - Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies

This part of IEC 61191 prescribes requirements for materials, methods and verification criteria for producing quality soldered interconnections and assemblies using surface mount and related assembly technologies. This part of IEC 61191 also includes recommendations for good manufacturing processes.

Keel: en
Alusdokumendid: IEC 61191-1:201X; prEN 61191-1:2018
Asendab dokumenti: EVS-EN 61191-1:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 61967-1:2018

Integrated circuits - Measurement of electromagnetic emissions - Part 1: General conditions and definitions

This part of IEC 61967 provides general information and definitions on measurement of conducted and radiated electromagnetic disturbances from integrated circuits. It also provides a description of measurement conditions, test equipment and set-up as well as the test procedures and content of the test reports. A test method comparison table is included as annex A to assist in selecting the appropriate measurement method(s). The object of this standard is to describe general conditions in order to establish a uniform testing environment and obtain a quantitative measure of RF disturbances from integrated circuits (IC). Critical parameters that are expected to influence the test results are described. Deviations from this standard are noted explicitly in the individual test report. The measure ment results can be used for comparison or other purposes. Measurement of the voltage and current of conducted RF emissions or radiated RF disturbances, coming from an integrated circuit under controlled conditions, yields information about the potential for RF disturbances in an application of the integrated circuit. The applicable frequency range is described in each part of IEC 61967.

Keel: en
Alusdokumendid: IEC 61967-1:201X; prEN 61967-1:2018
Asendab dokumenti: EVS-EN 61967-1:2003

Arvamusküsitluse lõppkuupäev: 16.03.2018

33 SIDETEHNIKA

EN 62368-1:2014/prAB:2018

Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

This Amendment of EN 62368-1:2014 contains Annex ZZA for LVD (2014/35/EU), Annex ZZB (2014/53/EU) for RED and the deletion of text in clause 4.1.1.

Keel: en
Alusdokumendid: EN 62368-1:2014/prAB:2018
Muudab dokumenti: EVS-EN 62368-1:2014

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 50413

Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)

European standard establishes the procedures and methodology on measurement and calculation of quantities associated with the assessment of human exposure to electric, magnetic and electromagnetic fields in the frequency range from 0 Hz to 300 GHz. It deals with quantities that can be measured or calculated in free space, notably electric and magnetic field strength and includes the measurement and calculation of quantities inside the body that forms the basis for protection guidelines. In particular the standard provides information on − definitions and terminology, − characteristics of electric, magnetic and electromagnetic fields, − measurement of exposure quantities, − instrumentation requirements, − methods of calibration, − measurement techniques and procedures for evaluating exposure, − calculation methods for exposure assessment. The object of this standard is to establish a common reference for the assessment of electrical equipment in relation to human exposure from non-ionising electromagnetic fields.

Keel: en
Alusdokumendid: prEN 50413
Asendab dokumenti: EVS-EN 50413:2009
Asendab dokumenti: EVS-EN 50413:2009/A1:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60869-1:2018

Fibre optic interconnecting devices and passive components - Fibre optic passive power control devices - Part 1: Generic specification

This part of IEC 60869 applies to fibre optic power control devices. These have all of the following general features: - They are passive in that they contain no opto-electronic or other transducing elements; - They have two ports for the transmission of optical power and control the transmitted power in a fixed or variable fashion; - The ports are non-connectorized optical fibre pigtails, connectorizied optical fibres or receptacles. This standard establishes generic requirements for the following passive optical devices: - Optical attenuator; - Optical fuse; - Optical power limiter.

Keel: en
Alusdokumendid: IEC 60869-1:201X; prEN 60869-1:2018
Asendab dokumenti: EVS-EN 60869-1:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62148-21:2018

Fibre optic active components and devices - Package and interface standards - Part 21: Design guide of electrical interface of PIC packages using Silicon Fine-pitch Ball Grid Array (S-FBGA) and Silicon Fine-pitch Land Grid Array (S-FLGA)

This part of IEC 62148 covers the design guide of the electrical interface for photonic integrated circuit (PIC) packages using silicon fine-pitch ball grid array (S-FBGA) and silicon fine-pitch land grid array (S-FLGA). In this edition, the electrical interface for the S-FBGA package is informative. The purpose of this standard is to specify adequately the electrical interface of PIC packages composed of optical transmitters and receivers that enable mechanical and electrical interchangeability of PIC packages.

Keel: en
Alusdokumendid: IEC 62148-21:201X; prEN 62148-21:2018

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62325-503:2018

Framework for energy market communications - Part 503: Market data exchanges guidelines for the IEC 62325-351 profile

This document specifies a standard for a communication platform, which every Transmission System Operator (TSO) in Europe can use to exchange reliably and securely documents for the energy market. Consequently a European market participant (TSO, regional supervision centre, distribution utility, power exchange, etc.) could benefit from a single, common, harmonised and secure platform for message exchange with other participants; thus, reducing the cost of building different information technology (IT) platforms to interface with all the parties involved. 104 “MADES” (MArket Data Exchange Standard) is the acronym to designate this standard.

Keel: en
Alusdokumendid: IEC 62325-503:201X; prEN 62325-503:2018

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62680-1-3:2018

Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-CTM Cable and Connector Specification

This specification is intended as a supplement to the existing USB 2.0, USB 3.1 and USB Power Delivery specifications. It addresses only the elements required to implement and support the USB Type-C receptacles, plugs and cables. Normative information is provided to allow interoperability of components designed to this specification. Informative information, when provided, may illustrate possible design implementations.

Keel: en
Alusdokumendid: IEC 62680-1-3:201X; prEN 62680-1-3:2018
Asendab dokumenti: EVS-EN 62680-1-3:2017

Arvamusküsitluse lõppkuupäev: 16.03.2018

35 INFOTEHNOLOOGIA

EN 62368-1:2014/prAB:2018

Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

This Amendment of EN 62368-1:2014 contains Annex ZZA for LVD (2014/35/EU), Annex ZZB (2014/53/EU) for RED and the deletion of text in clause 4.1.1.

Keel: en
Alusdokumendid: EN 62368-1:2014/prAB:2018
Muudab dokumenti: EVS-EN 62368-1:2014

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62680-1-3:2018

Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-CTM Cable and Connector Specification

This specification is intended as a supplement to the existing USB 2.0, USB 3.1 and USB Power Delivery specifications. It addresses only the elements required to implement and support the USB Type-C receptacles, plugs and cables. Normative information is provided to allow interoperability of components designed to this specification. Informative information, when provided, may illustrate possible design implementations.

Keel: en
Alusdokumendid: IEC 62680-1-3:201X; prEN 62680-1-3:2018
Asendab dokumenti: EVS-EN 62680-1-3:2017

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 62769-115-2:2018

Field device integration (FDI) – Part 115-2: Profiles – Modbus-RTU

This document defines the protocol-specific definitions (PSDs) as defined in IEC 62769-7 on generic protocol extensions for the Modbus1-RTU protocol according to CPF 15 in IEC 61784-2.

Keel: en
Alusdokumendid: IEC 62769-115-2:201X; prEN 62769-115-2:2018

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 19112

Geographic information - Spatial referencing by geographic identifiers (ISO/DIS 19112:2018)

This document defines the conceptual schema for spatial references based on geographic identifiers. It establishes a general model for spatial referencing using geographic identifiers and defines the components of a spatial reference system. It also specifies a conceptual scheme for a gazetteer. Spatial referencing by coordinates is addressed in ISO 19111. However, a mechanism for recording complementary coordinate references is included in this document. This document enables producers of data to define spatial reference systems using geographic identifiers and assists users in understanding the spatial references used in datasets. It enables gazetteers to be constructed in a consistent manner and supports the development of other standards in the field of geographic information. This document is applicable to digital geographic data, and its principles may be extended to other forms of geographic data such as maps, charts and textual documents.

Keel: en
Alusdokumendid: ISO/DIS 19112; prEN ISO 19112
Asendab dokumenti: EVS-EN ISO 19112:2005

Arvamusküsitluse lõppkuupäev: 16.03.2018

43 MAANTEESÕIDUKITE EHITUS

FprEN ISO 18243

Electrically propelled mopeds and motorcycles - Test specifications and safety requirements for lithium-ion battery systems (ISO 18243:2017)

ISO 18243:2017 specifies the test procedures for lithium-ion battery packs and systems used in electrically propelled mopeds and motorcycles. The specified test procedures enable the user of this document to determine the essential characteristics on performance, safety and reliability of lithium-ion battery packs and systems. The user is also supported to compare the test results achieved for different battery packs or systems. ISO 18243:2017 enables setting up a dedicated test plan for an individual battery pack or system subject to an agreement between customer and supplier. If required, the relevant test procedures and/or test conditions of lithium-ion battery packs and systems are selected from the standard tests provided in this document to configure a dedicated test plan. NOTE 1 Electrically power-assisted cycles (EPAC) cannot be considered as mopeds. The definition of electrically power-assisted cycles can differ from country to country. An example of definition can be found in the EU Directive 2002/24/EC. NOTE 2 Testing on cell level is specified in IEC 62660 (all parts).

Keel: en
Alusdokumendid: ISO 18243:2017; FprEN ISO 18243

Arvamusküsitluse lõppkuupäev: 16.03.2018

45 RAUDTEETEHNIKA

prEN 50591

Specification and verification of energy consumption for railway rolling stock

The main purpose of this standard is the support of rolling stock procurement, especially in light of life cycle cost (LCC) assessment. This European Standard is applicable to the specification and verification of energy consumption of railway rolling stock. It establishes a criterion for the energy consumption of rolling stock to calculate the total net energy consumed, either at current collector or from the fuel tank, over a predefined service profile, in order to assure that the results are directly comparable or representative of the real operation of the train. For this purpose, this document takes into account the energy consumed and regenerated by the rolling stock. This European Standard provides the framework that gives guidance on the generation of comparable energy performance values for trains and locomotives on a common basis and thereby supports benchmarking and improvement of the energy efficiency of rail vehicles. This European Standard does not cover specification for comparison of energy consumption with other modes of transportation, or even for comparison between diesel and electric traction, covering only the energy consumption of the railway rolling stock itself.

Keel: en
Alusdokumendid: prEN 50591
Asendab dokumenti: CLC/TS 50591:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 10325

Fibre ropes - High modulus polyethylene - 8-strand braided ropes, 12-strand braided ropes and covered ropes (ISO/DIS 10325:2018)

This International Standard specifies requirements for 8-strand braided ropes, for 12-strand braided ropes, and for covered rope constructions for general purpose made of high modulus polyethylene (HMPE), and gives rules for their designation. It should be noted that many different types and grades of HMPE fibre exist which are commonly used to produce rope products. This International Standard does not cover all variations in strength or product performance. The rope manufacturer should be consulted to ensure the intended design meets the requirements of the application.

Keel: en

Alusdokumendid: ISO/DIS 10325; prEN ISO 10325
Asendab dokumenti: EVS-EN ISO 10325:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

71 KEEMILINE TEHNOLOOGIA

prEN 17215

Chemicals used for treatment of water intended for human consumption - Iron-based coagulants - Analytical methods

This document is applicable to iron-based coagulants used for treatment of water intended for human consumption. It specifies analytical methods to be used for products described in EN 888, EN 889, EN 890, EN 891 and EN 14664.

Keel: en
Alusdokumendid: prEN 17215

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 61010-2-081:2018

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 clause of part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text by the following: This part of IEC 61010 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. NOTE 1 In the case of analytical equipment the complete process usually includes the following steps: • taking a specific quantity of the sample; • preparing the sample by chemical, thermal, mechanical or other means; • measurement; • display, transmission or printing of the results of measurement. NOTE 2 If all or part of the equipment falls within the scope of one or more other part 2 standards of IEC 61010 as well as within the scope of this standard, considerations have to be given to those other part 2 standards.

Keel: en
Alusdokumendid: IEC 61010-2-081:201X; prEN 61010-2-081:2018
Asendab dokumenti: EVS-EN 61010-2-081:2015

Arvamusküsitluse lõppkuupäev: 16.03.2018

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 10426-3

Petroleum and natural gas industries - Cements and materials for well cementing - Part 3: Testing of deepwater well cement formulations (ISO/DIS 10426-3:2018)

This part of ISO 10426 provides procedures for testing well cements and cement blends for use in the petroleum and natural gas industries in a deepwater environment, or areas with a low seafloor temperature, or areas where low well temperatures exist. This document is a supplement to API RP 10B-3, 2nd edition (2016), the requirements of which are applicable with the additions and exclusions specified in this document. This document does not address the mitigation of shallow water flow in deepwater wells. This is addressed in API RP 65.

Keel: en
Alusdokumendid: ISO/DIS 10426-3; prEN ISO 10426-3
Asendab dokumenti: EVS-EN ISO 10426-3:2004

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11299-1

Plastics piping systems for renovation of underground gas supply networks - Part 1: General (ISO/DIS 11299-1:2018)

This document specifies the requirements and test methods for plastics piping systems intended to be used for the renovation of underground gas supply networks. It is applicable to pipes and fittings, as manufactured, as well as to the installed lining system. It is not applicable to the existing pipeline or any non-structural sprayed coatings or annular filler. This document gives the general requirements common to all relevant renovation techniques.

Keel: en
Alusdokumendid: ISO/DIS 11299-1; prEN ISO 11299-1
Asendab dokumenti: EVS-EN ISO 11299-1:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11299-2

Plastics piping systems for renovation of underground gas supply networks - Part 2: Lining with continuous pipes (ISO/DIS 11299-2:2018)

This document, read in conjunction with Part 1, specifies requirements and test methods for pipes and fittings which are part of plastics piping systems installed as continuous pipes in the renovation of underground gas supply networks. It is applicable to polyethylene (PE) pipes of three different types: PE solid wall single layered pipes (nominal outside diameter, dn), including any identification stripes; PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex A, where all layers have the same MRS rating; PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe (“coated pipe”), see Annex A. In addition it covers: jointing of pipe lengths by means of butt fusion; fabricated and injection-moulded fittings made of PE;

Keel: en
Alusdokumendid: ISO/DIS 11299-2; prEN ISO 11299-2

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11299-3

Plastics piping systems for renovation of underground gas supply networks - Part 3: Lining with close-fit pipes (ISO/DIS 11299-3:2018)

This part of ISO 11299, in conjunction with ISO 11299-1, specifies requirements and test methods for close-fit lining systems intended to be used for the renovation of gas supply networks. It applies to pipes and fittings, as manufactured, as well as to the installed lining system. It is applicable to polyethylene (PE) pipes for both independent and interactive pressure pipe liners as well as associated fittings and joints for the construction of the lining system. It is applicable to PE pipes, fittings and assemblies intended to be used at an operating temperature of 20 °C as the reference temperature. NOTE For other operating temperatures, guidance is given in ISO 4437-5:2014.

Keel: en
Alusdokumendid: ISO/DIS 11299-3; prEN ISO 11299-3
Asendab dokumenti: EVS-EN ISO 11299-3:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 19900

Petroleum and natural gas industries - General requirements for offshore structures (ISO/DIS 19900:2018)

This document specifies general principles for the design and assessment of offshore structures subjected to known or foreseeable types of hazards and actions. These general principles are applicable worldwide to all types of offshore structures, including fixed structures as well as floating structures, and to all types of materials used including steel, concrete and aluminium. This document specifies principles that are applicable to design and assessment for all phases of the life of the structure, including: — the successive stages in the construction of the structure (i.e. fabrication, transportation, and installation); — its service in-place, including use and modifications during its planned life and any extension of its life; — its decommissioning. This document contains provisions for new build structures. Most of the provisions also apply to assessment of existing structures, wherever feasible, which is also described in this document.

Keel: en
Alusdokumendid: ISO/DIS 19900; prEN ISO 19900
Asendab dokumenti: EVS-EN ISO 19900:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

79 PUIDUTEHNOLOOGIA

prEN 844

Round and sawn timber - Terminology

This European Standard defines general terms relating to sawn timber and round timber used in European Standards.

Keel: en
Alusdokumendid: prEN 844
Asendab dokumenti: EVS-EN 844-1:2001
Asendab dokumenti: EVS-EN 844-10:2001
Asendab dokumenti: EVS-EN 844-11:2001
Asendab dokumenti: EVS-EN 844-12:2001
Asendab dokumenti: EVS-EN 844-2:2001
Asendab dokumenti: EVS-EN 844-3:2001
Asendab dokumenti: EVS-EN 844-4:2001
Asendab dokumenti: EVS-EN 844-5:2001
Asendab dokumenti: EVS-EN 844-6:2001
Asendab dokumenti: EVS-EN 844-7:2001
Asendab dokumenti: EVS-EN 844-8:2001
Asendab dokumenti: EVS-EN 844-9:2001

Arvamusküsitluse lõppkuupäev: 16.03.2018

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 150

Raw, refined and boiled linseed oil for paints and varnishes - Specifications and methods of test (ISO/DIS 150:2018)

This Document specifies the requirements and the corresponding methods of test for raw, refined and boiled linseed oils for paints and varnishes.

Keel: en
Alusdokumendid: ISO/DIS 150; prEN ISO 150
Asendab dokumenti: EVS-EN ISO 150:2007

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 18473-1

Functional pigments and extenders for special applications - Part 1: Nanoscale calcium carbonate for sealant application (ISO 18473-1:2015)

ISO 18473-1:2015 specifies requirements and corresponding methods of test for surface treated nanoscale calcium carbonate in powder form for sealant application.

Keel: en
Alusdokumendid: ISO 18473-1:2015; prEN ISO 18473-1

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 3681

Binders for paints and varnishes - Determination of saponification value - Titrimetric method (ISO/DIS 3681:2018)

This document specifies a titrimetric method for determining the esterified-acid content in binders for paints and varnishes, free acids and acid anhydrides being necessarily included in the result obtained. Because different binders vary in their resistance to saponification, this International Standard is of limited applicability. If necessary, completeness of saponification may be checked by repeating the test under more severe conditions achieved by the use of longer saponification time, more concentrated potassium hydroxide solution, or a higher-boiling alcohol as solvent. Annex A specifies a procedure suitable for binders that saponify with difficulty. The method is not applicable to those materials that show further reaction with alkalis beyond normal saponification.

Keel: en
Alusdokumendid: ISO/DIS 3681; prEN ISO 3681
Asendab dokumenti: EVS-EN ISO 3681:2000

Arvamusküsitluse lõppkuupäev: 16.03.2018

91 EHITUSMATERJALID JA EHITUS

prEN 13126-16

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 16: Hardware for Lift and Slide windows

This part of EN 13126 specifies requirements and test methods for durability, strength, security and function of hardware for Lift and Slide windows and door height windows in accordance with common application as shown in informative Annex C, regardless of whether the hardware enables an additional tilt position.

Keel: en
Alusdokumendid: prEN 13126-16
Asendab dokumenti: EVS-EN 13126-16:2008

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 13126-17

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 17: Hardware for Tilt and Slide windows

This part of EN 13126 specifies requirements and test methods for durability, strength, security and function of hardware for Tilt and Slide windows and door height windows in accordance with common application as shown in informative Annex C.

Keel: en
Alusdokumendid: prEN 13126-17
Asendab dokumenti: EVS-EN 13126-17:2008

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 10426-3

Petroleum and natural gas industries - Cements and materials for well cementing - Part 3: Testing of deepwater well cement formulations (ISO/DIS 10426-3:2018)

This part of ISO 10426 provides procedures for testing well cements and cement blends for use in the petroleum and natural gas industries in a deepwater environment, or areas with a low seafloor temperature, or areas where low well temperatures exist. This document is a supplement to API RP 10B-3, 2nd edition (2016), the requirements of which are applicable with the additions and exclusions specified in this document. This document does not address the mitigation of shallow water flow in deepwater wells. This is addressed in API RP 65.

Keel: en
Alusdokumendid: ISO/DIS 10426-3; prEN ISO 10426-3
Asendab dokumenti: EVS-EN ISO 10426-3:2004

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11177

Vitreous and porcelain enamels - Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply - Quality requirements and testing (ISO/DIS 11177:2018)

This International Standard specifies the requirements for product quality and product testing of enamelled valves and pressure pipe fittings for untreated and potable water supply. It is not applicable for chemical service glass-enamel and apparatus enamel.

Keel: en
Alusdokumendid: ISO/DIS 11177; prEN ISO 11177
Asendab dokumenti: EVS-EN ISO 11177:2016

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 11296-7

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO/DIS 11296-7:2018)

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for pipes which are formed on site by spirally winding and jointing a pre-manufactured profiled plastics strip, or a profiled plastics strip and integral locking joiner strip, and used for the renovation of underground non-pressure drainage and sewerage networks. It applies to spirally-wound pipes of fixed or variable diameter made of profiled plastics strips, with or without steel stiffening elements, and installed by one of two methods. The first method employs a dedicated winding machine in front of the open end of an existing pipeline, e.g. in a manhole. The pipes thus formed are simultaneously inserted into the existing pipeline by the winding forces, and by certain techniques can also be expanded in diameter after or during insertion. The second method employs a dedicated winding machine which forms the pipe as it traverses the existing pipeline from one manhole to the next. It applies to profile plastics strips of unplasticized poly(vinyl chloride) (PVC- U) with integral locking mechanism, or of high density polyethylene (HDPE) with integrally welded joints.

Keel: en
Alusdokumendid: ISO/DIS 11296-7; prEN ISO 11296-7
Asendab dokumenti: EVS-EN ISO 11296-7:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 29463-2

High-efficiency filters and filter media for removing particles in air - Part 2: Aerosol production, measuring equipment and particle-counting statistics (ISO 29463-2:2011)

ISO 29463-2:2011 specifies the aerosol production and measuring equipment used for testing high-efficiency filters and filter media in accordance with ISO 29463-3, ISO 29463-4 and ISO 29463-5, as well as the statistical basis for particle counting with a small number of counted events. It is intended to be used in conjunction with ISO 29463-1, ISO 29463-3, ISO 29463-4 and ISO 29463-5.

Keel: en
Alusdokumendid: ISO 29463-2:2011; prEN ISO 29463-2
Asendab dokumenti: EVS-EN 1822-2:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 29463-3

High-efficiency filters and filter media for removing particles in air - Part 3: Testing flat sheet filter media (ISO 29463-3:2011)

ISO 29463-3:2011 specifies the test procedure for testing the efficiency of flat sheet filter media. It is intended for use in conjunction with ISO 29463-1, ISO 29463-2, ISO 29463-4 and ISO 29463-5.

Keel: en
Alusdokumendid: ISO 29463-3:2011; prEN ISO 29463-3
Asendab dokumenti: EVS-EN 1822-3:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 29463-4

High-efficiency filters and filter media for removing particles in air - Part 4: Test method for determining leakage of filter elements-Scan method (ISO 29463-4:2011)

ISO 29463-4:2011 specifies the test procedure of the "scan method", considered to be the reference method, for determining the leakage of filter elements. It is applicable to filters ranging from classes ISO 35 H to ISO 75 U. ISO 29463-4:2011 also describes the other normative methods: the oil thread leak test and the photometer leak test, applicable to classes ISO 35 H to ISO 45 H HEPA filters, and the leak test with solid PSL aerosol. ISO 29463-4:2011 is intended for use in conjunction with ISO 29463-1, ISO 29463-2, ISO 29463-3 and ISO 29463-5.

Keel: en
Alusdokumendid: ISO 29463-4:2011; prEN ISO 29463-4
Asendab dokumenti: EVS-EN 1822-4:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN ISO 29463-5

High-efficiency filters and filter media for removing particles in air - Part 5: Test method for filter elements (ISO 29463-5:2011)

ISO 29463-5:2011 specifies the reference test procedure for determining the efficiency of filters at their most penetrating particle size (MPPS). ISO 29463-5:2011 also gives guidelines for the testing and classification for filters with an MPPS of less than 0,1 µm and filters using media with (charged) synthetic fibres. ISO 29463-5:2011 is intended for use in conjunction with ISO 29463-1, ISO 29463-2, ISO 29463-3 and ISO 29463-4.

Keel: en
Alusdokumendid: ISO 29463-5:2011; prEN ISO 29463-5
Asendab dokumenti: EVS-EN 1822-5:2010

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEVS/TS 1

Kiilvaivundamentide projekteerimise alused
Wedge pile foundation design bases

Selles Eesti tehnilises spetsifikatsioonis määratakse kiilukujuliste raudbetoonvaiade iseloomulikud mõõtmed, rammitavate kiilvaiade kandevõime geotehniline kontroll, ehituskonstruktsioonide kiilvaiadele toetumise ja kinnituse sõlmede näidisvariandid. Kirjeldatakse kiilvaiade valikut ja kiilvaia kui ehitist kandva elemendi arvutust, kiilvaiade kandevõime määramise meetodeid, kiilvaivundamentide geotehnilist projekteerimist ja projekteerimiseks vajalikke üldandmeid nii vaivundamentidest kui ka vaiatöödest. Antakse juhiseid, kuidas kasutada kiilvaivundamentide projekteerimisel seoseid geotehnika ja raudbetoonkonstruktsioonide projekteerimise normidega. Defineeritakse kiilvai ja selle kuju, kirjeldatakse kiilvaiade nomenklatuuri ja kiilvaivundamenti kui hoone kandetarindi osa, samuti kiilvaiadega seotud uudseid termineid, mida siin kasutatakse.

Keel: et

Arvamusküsitluse lõppkuupäev: 16.02.2018

93 RAJATISED

prEN ISO 11296-7

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO/DIS 11296-7:2018)

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for pipes which are formed on site by spirally winding and jointing a pre-manufactured profiled plastics strip, or a profiled plastics strip and integral locking joiner strip, and used for the renovation of underground non-pressure drainage and sewerage networks. It applies to spirally-wound pipes of fixed or variable diameter made of profiled plastics strips, with or without steel stiffening elements, and installed by one of two methods. The first method employs a dedicated winding machine in front of the open end of an existing pipeline, e.g. in a manhole. The pipes thus formed are simultaneously inserted into the existing pipeline by the winding forces, and by certain techniques can also be expanded in diameter after or during insertion. The second method employs a dedicated winding machine which forms the pipe as it traverses the existing pipeline from one manhole to the next. It applies to profile plastics strips of unplasticized poly(vinyl chloride) (PVC- U) with integral locking mechanism, or of high density polyethylene (HDPE) with integrally welded joints.

Keel: en
Alusdokumendid: ISO/DIS 11296-7; prEN ISO 11296-7
Asendab dokumenti: EVS-EN ISO 11296-7:2013

Arvamusküsitluse lõppkuupäev: 16.03.2018

97 OLME. MEELELAHUTUS. SPORT

prEN 17206

Entertainment Technology - Lifting and Load-bearing Equipment for Stages and other Production Areas within the Entertainment Industry - Specifications for general requirements (excluding aluminum and steel trusses and towers)

This document applies to machinery, machinery installations and machinery control systems used in places of assembly and in staging and production facilities for events and theatrical productions (stage machinery, for short). Such facilities include: theatres, multi-purpose halls, exhibition halls; film, television and radio studios; concert halls, schools, bars, discotheques, open-air stages and other rooms for shows and events. The document applies to machinery installations with guided or unguided load bearing and load carrying equipment. This document covers machinery used in the entertainment industry including machinery that is

excluded from the Machinery Directive (2006/42/EC) specifically Article 1 2j which excludes "machinery intended to move performers during artistic performances". For the purposes of this document, machinery installations are all technical installations and equipment used for operations in stage and production facilities in the entertainment industry. Such installations are used to lift, lower, suspend and carry loads (e.g. scenery, traverse systems, or lighting, film/video and sound equipment). They can also be used to move persons, and persons can stand under such equipment while the loads are at rest or in motion. This machinery includes Controls, electrical and electronic control systems, electrical and electronic equipment, hydraulic and pneumatic power supplies. "Stages" are, for example, staging facilities and production areas in theatres, multipurpose halls, studios, production facilities for film, television or radio, concert halls, congress centres, schools, exhibition centres, trade-fair centres, museums, discotheques, amusement parks, sports facilities and open-air-theatres. "Events" are, for example, concerts, shows, congresses, exhibitions, presentations, demonstrations, film or television recordings, etc. This document considers permanently and temporarily installed lifting and movement equipment for stages and production areas within the entertainment industry. This document does not consider the design or control of fire curtains. Typical applications include but are not limited to the following: - acoustic doors; - auditorium elevators; - compensating elevators; - cycloramas; - fly bar systems (manual and motor driven); - lighting bars; - movable lighting towers; - movable stage platforms (stage wagons); - movable proscenium arches; - orchestra elevators; - performer flying; - point hoists; - revolving stages and turntables; - scenery storage elevators; - side stage and rear stage shutters; - stage elevators; - stage wagons (stage trucks); - tiltable stage floors; and - trap elevators. The principles in this document also apply to machinery installations based on new technologies or specially designed installations which are not expressly mentioned here but which nevertheless operate in a similar manner or are meant for similar purposes to the equipment listed above.

Keel: en
Alusdokumendid: prEN 17206
Asendab dokumenti: CWA 15902-1:2008

Arvamusküsitluse lõppkuupäev: 16.03.2018

prEN 60704-3:2018

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 3: Procedure for determining and verifying declared noise emission values

This part of IEC 60704 describes procedures for determining and verifying the declared values of the noise emitted by household and similar appliances. It applies to all categories of household and similar electrical appliances covered by part 1 and part 2 standards, which include particular requirements for special categories of appliances. It applies to appliances being produced in quantity, such as in batches, series or lots, which are manufactured to the same technical specification and characterized by the same declared value of noise emission.

Keel: en
Alusdokumendid: IEC 60704-3:201X; prEN 60704-3:2018
Asendab dokumenti: EVS-EN 60704-3:2006

Arvamusküsitluse lõppkuupäev: 16.03.2018

TÕLKED 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.

EVS-EN 12453:2017

Tööstus-, kommerts- ning garaažiuksed ja -väravad. Masinkäitusega uste kasutusohutus. Nõuded ja katsemeetodid

See Euroopa standard spetsifitseerib kasutusohutuse nõuded ja katsemeetodid masinkäitusega ustele, väravatele ja tõkkepuudele, mis on ette nähtud paigaldamiseks inimtegevusega seotud kohtadesse ja mille peamiseks kasutusotstarbeks on tagada tööstus-, kommerts- või eluhoonetes ohutu juurdepääs kaupadele ja sõidukitele, millega kaasnevad või mida juhivad inimesed. See Euroopa standard hõlmab ka vertikaalselt liikuvaid masinkäitusega uksi, nagu rull-luugid ja rullvõred, mida kasutatakse jaemüügiettevõtetes ning mis on peamiselt ette nähtud kaupade kaitseks. See Euroopa standard käsitleb kõiki olulisi ohte, ohtlikke olukordi ja sündmusi, mis on seotud masinkäitusega tööstus-, kommerts- ja garaažiuste ning väravatega, kui neid kasutatakse kavandatud otstarbel ja prognoositavate, mõistlikkuse piiridesse jäävate väärkasutuste tingimustes, nagu on määratletud peatükis 4. Standardis käsitletakse kõiki masina eluetappe, sealhulgas transporti, kokkupanekut, demonteerimist, kasutusest kõrvaldamist ja lammutamist. See Euroopa standard ei kehti järgmiste toodete korral: — lüüsiväravad ja dokiväravad; — liftiuksed; — sõidukiuksed; — soomustatud uksed; — uksed, mis on mõeldud peamiselt loomade tõkestamiseks, kui nad ei paikne krundi perimeetril; — teatri tekstiileesriided; — horisontaalselt liikuvad masinkäitusega uksed, mis on ette nähtud peamiselt jalakäijatele; — uksed, mis asuvad inimestele kättesaamatus kohas (nt kraanauksed); — raudtee tõkkepuud; — tõkkepuud, mis on ette nähtud üksnes jalakäijate tõkestamiseks; — tõkkepuud, mida kasutatakse üksnes maanteedel sõidukite tõkestamiseks; Selles dokumendis mõistetakse termini "uks" all, kus seda ka ei kasutataks, kõiki selle standardi käsitlusalasse kuuluvate uste, väravate ja tõkkepuude tüüpe ja variante. See Euroopa standard ei käsitle erinõudeid mürale, mis on tekitatud masinkäitusega uste, väravate ja tõkkepuude poolt, mis on ette nähtud paigaldamiseks inimestele kättesaadavasse piirkonda ja mille peamiseks kasutusotstarbeks on tagada ohutu juurdepääs kaupadele ja sõidukitele, millega kaasnevad või mida juhivad inimesed tööstus-, kaubandus- või eluruumides, kuna nende poolt tekitatavat müra ei loeta ohtlikuks. MÄRKUS Masinkäitusega uste müra ei kujuta endast olulist ohtu nende toodete kasutajatele. See on pigem mugavuse küsimus. Käesolev Euroopa standard ei ole kohaldatav masinatele, mis on toodetud enne selle standardi avaldamise kuupäeva.

Keel: et
Alusdokumendid: EN 12453:2017

Kommenteerimise lõppkuupäev: 16.02.2018

EVS-EN 12604:2017

Tööstus-, kommerts- ning garaažiuksed ja -väravad. Mehaanilised aspektid. Nõuded ja katsemeetodid

Käesolev Euroopa standard spetsifitseerib mehaanilised nõuded ja katsemeetodid käsikäitusega ustele, väravatele ja tõkkepuudele, mis on ette nähtud paigaldamiseks inimtegevusega seotud kohtadesse ja mille peamiseks kasutusotstarbeks on tagada tööstus-, kommerts- või eluhoonetes ohutu juurdepääs kaupadele ja sõidukitele, millega kaasnevad või mida juhivad inimesed. Käesolev Euroopa standard hõlmab ka käsikäitavaid vertikaalselt liikuvaid kommertsuksi, nagu rull-luugid ja rullvõred, mida kasutatakse jaemüügiettevõtetes ja mis on peamiselt ette nähtud kaupade kaitsmiseks. Käesolev dokument kehtib ainult selliste uste kohta, mis ei kuulu hoone kandekonstruktsioonide hulka. See ei kehti järgmiste toodete kohta: — lüüsiväravad ja dokiväravad; — sõidukiuksed; — uksed, mis on mõeldud peamiselt loomade kinnipidamiseks, välja arvatud juhul, kui nad paiknevad krundi perimeetril; — jalakäijatele kasutamiseks mõeldud uksed; — raudteetõkkepuud. Käesolevas dokumendis mõistetakse termini "uks" all, kus seda ka ei kasutataks, kõiki selle standardi käsitlusalasse kuuluvate uste, väravate ja tõkkepuude tüüpe ja variante.

Keel: et
Alusdokumendid: EN 12604:2017

Kommenteerimise lõppkuupäev: 16.02.2018

EVS-EN 13964:2014

Ripplaed. Nõuded ja katsemeetodid

Käesolev Euroopa standard hõlmab laekatteid, üksikuid aluskonstruktsioonikomponente, alus-konstruktsiooni- ja ripplaekomplekte, mis on ette nähtud turule viimiseks. Standard hõlmab täiskomplektina müüdavaid ripplagesid, komplektina turustatavaid aluskonstruktsioone, taoliste aluskonstruktsioonide üksikuid komponente (tooteid) ja laekattekomponente. Standard sisaldab katse- ja hindamismeetodeid, samuti eeskirju vastavuse hindamiseks ja toodete märgistamiseks vastavalt käesoleva Euroopa standardi nõuetele. Muude Euroopa standardite puudumisel sätestab käesolev Euroopa standard üldiselt kättesaadavate lae aluskonstruktsioonide ja laekattekomponentide mõõtmed, tolerantsid, ja kui see on asjakohane, siis ka toimivusnõuded. Käesolev Euroopa standard hõlmab järgmisi karakteristikuid: tuletundlikkus; tulepüsivus (ainult ripplaekomplektid); ohtlike ainete eraldumine ja/või sisaldus: asbesti eraldumine (sisaldus) (ainult ripplaekomplektid ja laekattekomponendid); formaldehüüdi eraldumine (ainult ripplaekomplektid ja laekattekomponendid); teised ohtlikud ained; kildumisomadused (ohutu purunemine)/löögikindlus (ainult ripplaekomplektid ja ripplae-komplektide haprast materjalist laekattekomponendid); paindetõmbetugevus; kandevõime, tolerantsid ja mõõtmed; elektriohutus (toote võime vältida elektrilöögiohtu, mis tuleneb ripplagedesse installeeritud elektrit tarbivatest seadmetest, nagu näiteks ventilatsiooniseadmed ja valgustid); otsese õhuheli isolatsioon (ainult ripplaekomplektid); helineelduvus (ainult ripplaekomplektid ja laekattekomponendid);

soojusjuhtivus (ainult ripplaekomplektid ja laekattekomponendid). vastuvõtlikkus kahjulike mikroorganismide kasvule; kinnituskindlus (asjakohane mehaaniliselt kinnitatavate komponentide korral); paindetõmbetugevuse ja kandevõime niiskuspüsivus. See Euroopa standard hõlmab ka järgmisi nõudeid: värvus ja valguse peegelduvus; paigaldamist. See Euroopa standard ei hõlma: teiste harmoneeritud Euroopa standarditega hõlmatud lae aluskonstruktsioone ja laekatte-komponente ning ehitusplatsil ehitatud lagesid, millele kehtivad teised Euroopa tehnilised spetsifikatsioonid ja mille paigaldaja, kes ei ole komponendi tootja, vastutab selle eest, et täielikult kokkupandud ripplagi vastaks kõigile selle kohta kehtivatele normatiivsetele nõuetele; standardi EN 14716 kohaseid pinglagesid; teisaldatavate ehitiste, haagiselamute ja teiste transpordivahendite lagesid; karakteristikuid, mis on vajalikud erilisteks rakendusteks, mille puhul on nõutavad ka teised karakteristikud, mida käesolev Euroopa standard ei hõlma; ripplagesid, mis on ette nähtud kasutamiseks lagedes, millele kohaldatakse veepidavusnõudeid; lagesid, mida kasutatakse välitingimustes, mille puhul kehtivad nõuded erinevad selle standardiga hõlmatud nõuetest (tunnelid, varikatused, tanklad, kaaristud, avatud spordirajatised, autoparklad jne); raskeltkoormatud ripplagesid või nende kandekonstruktsioone (nt käidavaid lagesid); lagesid, mis on tehtud tuletõkkeplaatidest; valikuliselt ripplagedes kasutatavate valgustusseadmete ja teiste paigaldiste esitatavaid töökindluse, tervisekaitse ja ohutusnõudeid; paneele materjalidest, mis on hõlmatud juba teiste, CEN /TC 241 ja CEN/TC 112 poolt koostatud harmoneeritud Euroopa standarditega (vt märkus 1); MÄRKUS 1 Need standardid on välja töötanud CEN/TC 241, mandaadi M/106 "Kipstooted" ja CEN/TC 112, mandaadi M/113 "Puidupõhised paneelid" alusel. ankruid, mis on hõlmatud teiste Euroopa tehniliste spetsifikatsioonidega. See Euroopa standard esitab ka teatud spetsifikatsioone paigaldatud ripplaesüsteemide kohta (vt MÄRKUST 2). MÄRKUS 2 Selleks on kaks põhjust: võib juhtuda, et üksikkomponendid ja komplektid peavad vastama teatud kindlatele nõuetele, et tagada paigaldatud ripplaesüsteemi nõuetele vastavus; ja võttes arvesse komponentide/komplektide ja paigaldatud süsteemi omavahelist seost tuleks neile esitatavad nõuded esitada ühes ja samas dokumendis. Käesolev Euroopa standard sisaldab teavet erinevatele osapooltele, kes vastutavad hoonete- ja rajatiste sisetingimustes kasutatavate ripplagede projekteerimise, tootmise ja spetsifitseerimise/valimise eest.

Keel: et
Alusdokumendid: EN 13964:2014

Kommenteerimise lõppkuupäev: 16.02.2018

prEN 12635

Tööstus-, kommerts- ning garaažiuksed ja -väravad. Kasutamine

Käesolev Euroopa standard spetsifitseerib informatsiooni, mis tuleb esitada ohutu kasutamise tagamiseks, sealhulgas käsi- ja masinkäitusega tööstuslike, kommertslike ja garaažiuste ning väravate ja tõkkepuude paigaldamiseks, hooldamiseks ja remontimiseks ning demonteerimiseks, mis on ette nähtud paigaldamiseks inimtegevusega seotud kohtadesse ja mille peamiseks kasutusotstarbeks on tagada tööstus-, äri- või eluhoonetes ohutu juurdepääs kaupadele ja sõidukitele, millega kaasnevad või mida juhivad inimesed. Käesolev Euroopa standard hõlmab ka käsikäitusega vertikaalselt liikuvaid kommertsuksi, nagu rull-luugid ja rullvõred, mida kasutatakse jaemüügiettevõtetes ja mis on peamiselt ette nähtud kaupade kaitsmiseks. Käesolev Euroopa standard ei rakendu järgmistele toodetele: — lüüsiväravad ja dokiväravad; — liftiuksed; — sõidukiuksed; — soomustatud uksed; — peamiselt loomade kinnipidamiseks määratud uksed, mis ei paikne krundi perimeetril; — teatrite tekstiileesriided; — peamiselt jalakäijatele mõeldud horisontaalselt liikuvad masinkäitusega uksed; — uksed inimestele kättesaamatus kohas (nt kraanauksed); — raudteetõkkepuud; — tõkkepuud, mis on ette nähtud kasutamiseks üksnes jalakäijatele; — maanteedel üksnes sõidukitele ettenähtud tõkkepuud. Käesolevas dokumendis mõistetakse termini "uks" all, kus seda ka ei kasutataks, kõiki selle standardi käsitlusalasse kuuluvate uste, väravate ja tõkkepuude tüüpe ja variante.

Keel: et
Alusdokumendid: prEN 12635

Kommenteerimise lõppkuupäev: 16.02.2018

prEN 14782

Isekandvad plekist katuse- ja seinakatteelemendid. Spetsifikatsioon ja nõuded

Käesolev standard spetsifitseerib terminid, nõuded ja katsemeetodid tehases valmistatavatele isekandvatele plekktahvlitele ja plaatidele (mittekandvad elemendid), mida tarnitakse katusekatte ja seinavooderduse valmiselementidena.Käesolev Euroopa standard hõlmab ka kasutamist lagedes (kaasaarvatud lae sisemuses paiknevad elemendid) ja alapinnakatteid ning kassette (vt joonis 1).Käesolev Euroopa standard hõlmab vask-, tsink-, teras-, alumiinium- ja roostevaba-terasplekki, mis on pinnatud või pindamata, nt metallpindega, orgaanilise, anorgaanilise või mitmekihilise pindega (vt lisa A). Toote tagaküljel võib olla kondensaadi tilkumist vähendav niiskusttõrjuv kiht

Keel: et
Alusdokumendid: prEN 14782

Kommenteerimise lõppkuupäev: 16.02.2018

prEN ISO 12944-5

Värvid ja lakid.Teraskonstruktsioonide korrosioonitõrje kaitsvate värvkattesüsteemidega. Osa 5: Kaitsvad värvkattesüsteemid

See osa standardist ISO 12944 kirjeldab värvi ja värvisüsteemi tüüpe, mida tavaliselt kasutatakse teraskonstruktsioonide korrosioonitõrjeks. See annab samuti juhiseid valimaks värvisüsteeme, mis on saadaval erinevate keskkondade (vt ISO 12944-2, v.a Cx ja Im4 puhul), korrodeerivuskategooriate (nagu määratletud standardis ISO 12944-2) ja erinevate pinna ettevalmistustasemete (vt ISO 12944-4) ja oodatava kestvusklassi (vt ISO 12944-1) jaoks. Värvisüsteemi kestvust klassifitseeritakse terminite „madal“, „keskmine“, „kõrge“ ja „väga kõrge“ abil.

Keel: et
Alusdokumendid: prEN ISO 12944-5; ISO/DIS 12944-5:2017

Kommenteerimise lõppkuupäev: 16.02.2018

prEN ISO 12944-6

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje kaitsvate pinnakattesüsteemidega. Osa 6: Laboratoorsed toimivuse katsemeetodid

See ISO 12944 osa täpsustab laboratoorsed katsemeetodid ja katsetingimused süsinikteraskonstruktsioonide korrosioonitõrjeks kasutatavate värvkattesüsteemide hindamiseks. Katsetulemusi tuleb käsitleda kui abivahendit sobivate värvkattesüsteemide valimisel ja mitte täpse infona kestvuse määratlemisel. See ISO 12944 osa hõlmab kaitsvaid värvkattesüsteeme, mis on loodud pealekandmiseks katmata terasele, kuumsukelgalvaanitud terasele (ISO 1461 kohaselt) ja termopihustatud metallkatetega teraspindadele (ISO 2063 kohaselt). See ISO 12944 osa ei kohaldu elektrogalvaanitud või värvitud terase kaitsvatele värvkattesüsteemidele. Käsitletakse keskkondi standardis ISO 12944-2 määratletud korrodeerivuskategooriatele C2 kuni C5 ja Im1 kuni Im3.

Keel: et
Alusdokumendid: ISO/DIS 12944-6; prEN ISO 12944-6

Kommenteerimise lõppkuupäev: 16.02.2018

prEVS-ISO 31000

Riskijuhtimine. Põhimõtted ja juhised

Käesolev dokument esitab juhised riskide juhtimiseks, millega organisatsioonid silmitsi seisavad. Nende juhiste rakendamist saab kohandada mis tahes organisatsioonile ja selle kontekstile. See dokument näeb ette ühtse lähenemisviisi mis tahes tüüpi riskide juhtimiseks ja ei ole tööstusharu või sektoripõhine. Seda dokumenti saab kasutada kogu organisatsiooni eluea jooksul ja seda saab rakendada mis tahes tegevuses, sealhulgas otsuste langetamisel kõigil tasanditel.

Keel: et
Alusdokumendid: ISO/FDIS 31000

Kommenteerimise lõppkuupäev: 16.02.2018

prEVS-ISO 45001

Töötervishoiu ja tööohutuse juhtimissüsteemid. Nõuded koos kasutusjuhistega

See dokument määrab kindlaks nõuded töötervishoiu ja tööohutuse (TTO) juhtimissüsteemile ja annab juhised, kuidas seda kasutada, et võimaldada organisatsioonidel pakkuda ohutuid ja tervislikke töökohti, ennetades tööga seonduvaid vigastusi ja tervisekahjustusi, samuti nagu proaktiivselt parendades organisatsiooni TTO-alast tulemuslikkust. Käesolevat dokumenti kohaldatakse kõikide organisatsioonide suhtes, kes soovivad seada sisse, viia ellu ja hoida toimivana TTO juhtimissüsteemi, et parandada töötervishoidu ja tööohutust, kõrvaldada ohte ja minimeerida TTO riske (sealhulgas süsteemi vajakajäämisi), kasutada TTO võimalusi ja käsitleda oma tegevusega seotud TTO juhtimissüsteemi mittevastavusi. See dokument aitab organisatsioonil saavutada TTO juhtimissüsteemi kavatsetud väljundeid. TTO juhtimissüsteemi kavatsetavad väljundid, mis on kooskõlas organisatsiooni TTO juhtpõhimõtetega hõlmavad järgmist: — TTO alase tulemuslikkuse järjepidev parendamine; — õigusaktide jm nõuete täitmine; — TTO-alaste eesmärkide saavutamine. See dokument on kohaldatav kõikidele organisatsioonidele nende suurusest, tüübist ja olemusest sõltumata. See kohaldub tema tegevuste, toodete ja teenuste TTO-riskidele, mida organisatsioon võib ohjata, võttes arvesse selliseid tegureid nagu kontekst, milles organisatsioon toimib ning töötajate ja teiste huvipoolte vajadused ning ootused. See dokument ei esita eriomaseid kriteeriume ei TTO-alase tulemuslikkusele ega kirjuta ette TTO juhtimissüsteemi ülesehitust. See dokument võimaldab organisatsioonil oma TTO juhtimissüsteemi kaudu lõimida tervise ja ohutuse muud aspektid, näiteks töötajate hea olemise / heaolu. Selles dokumendis ei käsitleta selliseid küsimusi nagu tooteohutus, varakahjustus või keskkonnamõjud, väljaspool nendega seonduvaid ohtusid töötajatele ja teistele huvipooltele. Seda dokumenti võib kasutada tervikuna või osaliselt selleks, et TTO-juhtimist süstemaatiliselt parendada. Selle dokumendiga vastavuses olekut ei saa siiski kinnitada kuni selle nõuded ei ole hõlmatud organisatsiooni TTO-juhtimissüsteemiga ja täidetud ilma välistusteta.

Keel: et
Alusdokumendid: ISO/DIS 45001:2016

Kommenteerimise lõppkuupäev: 16.02.2018

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Standardikeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mille Eesti standardina avaldamiseks on vajalik täiendav ettevalmistusaeg. 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.

EN 1177:2018

Impact attenuating playground surfacing - Methods of test for determination of impact attenuation

Eeldatav avaldamise aeg Eesti standardina 02.2018

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS 812-4:2018

Ehitiste tuleohutus. Osa 4: Tööstus- ja laohoonete ning garaažide tuleohutus
Fire safety of constructions - Part 4: Fire safety of industrial buildings, storages and garages

See standard sätestab ehituslikud tuleohutusnõuded tööstus-, lao- ja põllumajandushoonete ruumide (VI kasutusviis), garaažide (VII kasutusviis) ning vastava tegevusega muude hoonete üksikruumide projekteerimiseks ja ehitamiseks.

EVS-EN 1993-4-1:2007/A1:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

Muudatus standardile EN 1993-4-1:2007

EVS-EN 1993-4-1:2007/NA:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid. Eesti standardi rahvuslik lisa
Eurocode 3 - Design of steel structures - Part 4-1: Silos - Estonian National Annex

Rahvuslik lisa standardile EN 1993-4-1:2007 ja selle muudatusele EN 1993-4-1:2007/A1:2017.

EVS-EN 1993-4-1:2007+A1+NA:2018

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 4-1: Puistemahutid
Eurocode 3 - Design of steel structures - Part 4-1: Silos

(1) Eurokoodeksi 3 osas 4.1 on toodud eeskirjad ja rakendusjuhised plaanis ringi- ja ristkülikukujuliste, vabalt seisvate või toetatud terasest puistemahutite ehitusprojekteerimiseks. (2) Selles osas antud tingimused täiendavad, laiendavad või asendavad standardis EN 1993-1 antud ekvivalentseid tingimusi. (3) Käesolev standardi osa keskendub ainult terasest puistemahutite vastupanu ja stabiilsuse nõuetele. Muude nõuete (nagu ekspluatatsiooniohutus, funktsionaalne vastavus, valmistamine ja montaaž, kvaliteedi kontroll, sissepääsuavade, äärikute, täiteseadmete, tühjendusavade ja toiteseadmete detailid) kohta kehtivad eraldi standardid. (4) Seismoprojeekteerimist käsitlevad erinõuded on esitatud standardis EN 1998-4, mis täiendab ja kohaldab eurokoodeksi 3 tingimusi spetsiaalselt selleks tarbeks. (5) Puistemahuti toekonstruktsioonide projekteerimist käsitleb standard EN 1993-1-1. Toekonstruktsioonide hulka loetakse kuuluvaks kõik mahuti alumise rõnga põhjavööst allpool paiknevad tarinduselemendid, vaata joonis 1.1. (6) Puistemahutite raudbetoonvundamente käsitlevad standardid EN 1992 ja EN 1997. (7) Terasest puistemahutite projekteerimisel arvestatavate spetsiifiliste koormuste arvsuurused on antud standardis EN 1991-4 „Puiste- ja vedelikumahutite koormused". (8) Käesolev osa 4.1 ei hõlma: — vastupanu tulekahjule; — sisemise alajaotusega mahuteid ega sisekonstruktsioone; — alla 100 kN (10 tonni) mahutavusega konstruktsioone; — juhtumeid, kus on vajalikud erimeetmed avarii tagajärgede piiramiseks. (9) Kui käesolevat standardit rakendatakse plaanis ringikujulistele mahutitele, on nende geomeetriline kuju piiratud telgsümmeetriliste konstruktsioonidega, kuid neile rakendatud koormused võivad olla ebasümmeetrilised ning nende toed võivad põhjustada mahutis sisejõude, mis pole telgsümmeetrilised.

EVS-EN 490:2011+A1:2017

Betoonist rea- ja erikatusekivid katuste katmiseks ja seinte vooderdamiseks. Spetsifikatsioon
Concrete roofing tiles and fittings for roof covering and wall cladding - Product specifications

See Euroopa standard spetsifitseerib nõuded betoonist rea- ja erikatusekividele, mida kasutatakse kaldkatuste katmiseks ja seinte vooderdamiseks. Betoonist rea- ja erikatusekivid võivad sisaldada kattekihti ja liimitud betoonkomponente. MÄRKUS 1 Teave pinnakarakteristikute kohta on antud lisas A. MÄRKUS 2 Teave katusekatete ja seinavoodrite toimivuse kohta on antud lisas B.

EVS-EN ISO 12944-4:2018

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje kaitsvate värvkattesüsteemidega. Osa 4: Pinnatüübid ja pinna ettevalmistamine
Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 4: Types of surface and surface preparation (ISO 12944-4:2017)

See dokument käsitleb järgmisi teraskonstruktsioonide, mis koosnevad süsinik- või madalsüsinikterasest, pinnatüüpe ning nende ettevalmistamist: — katmata pinnad; — pinnad, mis on tsingi, alumiiniumi või nende sulamitega termopihustatud; — kuumsukelgalvaanitud pinnad; — tsinkgalvaanitud pinnad; — kuivtsingitud pinnad; — eelkrundiga värvitud pinnad; — teised värvitud pinnad. Selles dokumendis määratletakse mitmed pinna ettevalmistustasemed, kuid ei täpsustata nõudeid substraadi seisundile enne pinna ettevalmistamist. Kõrgpoleeritud pinnad ja kalestatud pinnad ei ole selle dokumendiga kaetud.

EVS-EN ISO 14253-1:2018

Toote geomeetrilised spetsifikatsioonid (GPS). Töödeldavate detailide ja mõõtevahendite kontrollimine mõõtmete alusel. Osa 1: Spetsifikatsioonile vastavuse või mittevastavuse tõendamise otsustusreeglid

Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 1: Decision rules for verifying conformity or nonconformity with specifications (ISO 14253-1:2017)

See standard kehtestab reeglid tõendamaks konkreetse töödeldava detaili (või detailide kogumi) karakteristiku vastavust või mittevastavust antud tolerantsile või mõõtevahendite korral maksimaalselt lubatava mõõtehälbe piiridele, kaasa arvatud kui mõõdetud väärtus jääb spetsifikatsioonipiiride lähedusse, võttes arvesse mõõtemääramatust. See standard rakendub üldistes, st ISO/TC 213 koostatud GPS-standardites määratletud spetsifikatsioonidele (vt ISO 14638), mis hõlmavad — töödeldava detaili / detailide kogumi spetsifikatsioone (harilikult esitatud kui ülemine tolerantsipiir või alumine tolerantsipiir või mõlemad) ja — mõõtevahendi spetsifikatsioone (harilikult esitatud kui maksimaalselt lubatavad mõõtehälbed). See standard rakendub ainult suuruse väärtusarvuga väljendatud karakteristikutele ja maksimaalselt lubatavatele hälvetele.

EVS-IEC 60050-161:2015/A2:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus

International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990/AMD7:2017)

Muudatus standardile EVS-IEC 60050-161:2015.

EVS-IEC 60050-161:2015+A1+A2:2018

Rahvusvaheline elektrotehnika sõnastik. Osa 161: Elektromagnetiline ühilduvus

International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility (IEC 60050-161:1990 + IEC 60050-161/Amd 1:1997 + IEC 60050-161/Amd 2:1998 + IEC 60050-161/Amd 3:2014 + IEC 60050-161/Amd 4:2014 + IEC 60050-161/Amd 5:2015 + IEC 60050-161:1990/Amd 6:2016 + IEC 60050-161:1990/Amd 7:2017)

See IEC 60050 osa annab elektromagnetilise ühilduvuse valdkonnas kasutatava terminoloogia (nt “elektromagnetiline keskkond”, “elektromagnetiline häiring”, “elektromagnetiline häire”, “häiringutaluvus”, “häire piirtase”, jne.). Sellel on horisontaalse standardi staatus vastavuses IEC juhendile IEC Guide 108.