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Algupäraste standardite koostamine ja ülevaatus

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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13888-1:2022

Grouts for ceramic tiles - Part 1: Requirements, classification, designation, marking and labelling

This document is applicable to ceramic tile grouts for internal and external tile installations on walls and floors. This document gives the terminology concerning the products, working methods (see Annex A), application properties, etc. for ceramic tile grouts. This document specifies the performance requirements for cementitious and reaction resin grouts for ceramic tiles. This document does not contain criteria or recommendations for the design and installation of ceramic tiles. Ceramic tile grouts can also be used for other types of tiles (natural and agglomerated stones, etc.), where these do not adversely affect these materials.

Keel: en
Alusdokumendid: EN 13888-1:2022
Asendab dokumenti: EVS-EN 13888:2009

EVS-EN ISO 128-3:2022

Technical product documentation (TPD) - General principles of representation - Part 3: Views, sections and cuts (ISO 128-3:2022)

This document specifies the general principles for presenting views, sections and cuts applicable to various kinds of technical drawings (e.g. mechanical, electrical, architectural, civil engineering), following the orthographic projection methods specified in ISO 5456-2. Views and sections for shipbuilding technical drawings are discussed in ISO 128-15. Views and sections for 3D models are discussed in ISO 16792. Attention has also been given in this document to the requirements of reproduction, including microcopying in accordance with ISO 6428.

Keel: en
Alusdokumendid: ISO 128-3:2022; EN ISO 128-3:2022
Asendab dokumenti: EVS-EN ISO 128-3:2020

EVS-EN ISO 9288:2022

Thermal insulation - Heat transfer by radiation - Vocabulary (ISO 9288:2022)

This document defines physical quantities and other terms in the field of thermal insulation relating to heat transfer by radiation.

Keel: en
Alusdokumendid: ISO 9288:2022; EN ISO 9288:2022
Asendab dokumenti: EVS-EN ISO 9288:2006

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

CEN ISO/TR 6026:2022

Electronic fee collection - Pre-study on the use of vehicle licence plate information and automatic number plate recognition (ANPR) technologies (ISO/TR 6026:2022)

This document provides an analysis of the use of licence plate number (LPN) information and automatic number plate recognition (ANPR) technologies in electronic fee collection (EFC), through the description of the legal, technical and functional contexts of LPN-based EFC. It also provides an associated gap analysis of the EFC standards to identify actions to support standardized use of the identified technologies, and a roadmap to address the identified gaps. The gap analysis in this document is based on use cases, relevant regulations, standards and best practices in the field of EFC, based on the European electronic toll service (EETS)[27] model. Examples of licence plate number (LPN)-based tolling schemes are given in Annex A.

Keel: en
Alusdokumendid: ISO/TR 6026:2022; CEN ISO/TR 6026:2022

CWA 17895:2022

Future of social responsibility

This CEN Workshop Agreement proposes an analysis and a description of the current and the foreseeable future trends of social responsibility in order to identify potential standardisation needs.

Keel: en
Alusdokumendid: CWA 17895:2022

EVS-EN 16072:2022

Intelligent transport systems - ESafety - Pan-European eCall operating requirements

The objective of implementing the pan-European in-vehicle emergency call system (eCall) is to automate the notification of a traffic accident, wherever in Europe, with the same technical standards and the same quality of services objectives by using 'Public Land Mobile Networks'(PLMN) (such as GSM and UMTS), which supports the European pre-assigned emergency destination

address (see normative references) and to provide a means of manually triggering the notification of an incident. This document specifies the general operating requirements and intrinsic procedures for in-vehicle emergency call (eCall) services in order to transfer an emergency message from a vehicle to a Public Safety Answering Point (PSAP) in the event of a crash or emergency, via an eCall communication session and to establish a voice channel between the in-vehicle equipment and the PSAP. Private third party in-vehicle emergency supporting services may also provide a similar eCall function by other means. The provision of such services are defined in EN 16102, and are outside the scope of this document. The communications protocols and methods for the transmission of the eCall message are not specified in this document. This document specifies the operating requirements for an eCall service. An important part of the eCall service is a Minimum Set of Data (MSD). The operating requirements for the MSD are determined in this document, but the form and data content of the MSD is not defined herein. A common European MSD is determined in EN 15722. This document does not specify whether eCall is provided using embedded equipment or other means (for example in the case of aftermarket equipment).

Keel: en
Alusdokumendid: EN 16072:2022
Asendab dokumenti: EVS-EN 16072:2015

EVS-ISO 21505:2022

Projekti-, programmi- ja portfellijuhtimine. Valitsemise juhised
Project, programme and portfolio management -- Guidance on governance (ISO 21505:2017, identical)

See dokument kirjeldab konteksti, milles projektide, programmide ja portfellide valitsemist teostatakse, ning annab juhiseid projektide, programmide ja portfellide valitsemiseks. Seda dokumenti võib kasutada ka projektide, programmide ja portfellide valitsemise toimimise hindamiseks, tagamiseks või tõendamiseks. MÄRKUS Selles dokumendis kasutatakse läbivalt terminit „portfell“ tähenduses „projektide ja programmide portfell“ ning terminit „programm“ tähenduses „vastastikku seotud projektide ja muu seonduva töö programm“. See dokument on mõeldud valitsevatele kogudele ning tippjuhtidele ja -juhtkondade liikmetele, kes mõjutavad, mõjustavad või teevad otsuseid projektide, programmide ja portfellide valitsemise kohta. See on mõeldud ka andmaks juhiseid neile, kes juhivad projekte, programme ja portfelle, nagu omanikud (sponsorid), juhtkomiteed, portfelliomanikud ja projektijuhtimise osakond. Seda saavad kasutada ka projekti-, programmi- ja portfellijuhid, samuti projektide, programmide ja portfellide väljatöötamisse ja teostamisse kaasatud huvipooled. Teiste sellest teemast huvitatute hulka kuuluvad need, kes nõustavad, teavitavad, abistavad või töötavad projektides, programmides ja portfellides.

Keel: en, et
Alusdokumendid: ISO 21505:2017

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 23302:2022

Nanotechnologies - Requirements and recommendations for the identification of measurands that characterise nano-objects and materials that contain them (ISO/TS 23302:2021)

This document specifies requirements and recommendations for the identification of measurands to characterize nano-objects and their agglomerates and aggregates, and to assess specific properties relevant to the performance of materials that contain them. It provides recommendations for relevant measurement.

Keel: en
Alusdokumendid: ISO/TS 23302:2021; CEN ISO/TS 23302:2022
Asendab dokumenti: CEN/TS 17010:2016

11 TERVISEHOOLDUS

EVS-EN ISO 22674:2022

Dentistry - Metallic materials for fixed and removable restorations and appliances (ISO 22674:2022)

This document specifies requirements and test methods for metallic materials that are suitable for the fabrication of dental restorations and appliances. Included are metallic materials recommended for use either with or without a ceramic veneer, or recommended for both uses. Furthermore, this document specifies requirements for packaging and marking of the products and for the instructions for use of these materials, including products delivered for sale to a third party. This document does not apply to alloys for dental amalgam (see ISO 24234), dental brazing materials (see ISO 9333), or metallic materials for orthodontic appliances (e.g. wires, brackets, bands and screws). This document is not applicable to magnetic attachment, which are specified in ISO 13017.

Keel: en
Alusdokumendid: ISO 22674:2022; EN ISO 22674:2022
Asendab dokumenti: EVS-EN ISO 22674:2016

EVS-EN ISO 8362-2:2015/A1:2022

Injection containers and accessories - Part 2: Closures for injection vials - Amendment 1 (ISO 8362-2:2015/Amd 1:2022)

Amendment to EN ISO 8362-2:2015

Keel: en
Alusdokumendid: ISO 8362-2:2015/Amd 1:2022; EN ISO 8362-2:2015/A1:2022
Muudab dokumenti: EVS-EN ISO 8362-2:2015

EVS-EN ISO 8536-3:2009/A1:2022

Infusion equipment for medical use - Part 3: Aluminium caps for infusion bottles - Amendment 1 (ISO 8536-3:2009/Amd 1:2022)

Amendment to EN ISO 8536-3:2009

Keel: en
Alusdokumendid: ISO 8536-3:2009/Amd 1:2022; EN ISO 8536-3:2009/A1:2022
Muudab dokumenti: EVS-EN ISO 8536-3:2009

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 17847:2022

Characterization of waste - Determination of selected low boiling point alcohols using gas chromatography with flame ionization detection after static head-space extraction (HS-GC-FID)

This document specifies a method for quantitative determination of the concentration of selected alcohols with low boiling point in liquid waste and pasty waste by gas chromatography with flame ionization detection after static headspace extraction. Under the conditions specified in this document, a limit of application of 20 mg/kg, expressed on dry matter for pasty waste and expressed on raw waste for liquid waste, can be achieved.

Keel: en
Alusdokumendid: CEN/TS 17847:2022

CLC/TR 50658:2022

Cable management systems (CMS) providing support for cables with intrinsic fire resistance

This document specifies test methods for cable management systems intended (CMS) to provide support for intrinsic fire-resistant cables in order to determine their abilities to maintain the function of electrical power cables and signal/control cables for a specified duration when subjected to fire under defined conditions. This document establishes a non-hierarchical classification for this ability. Additional devices to fix the cable management systems providing fire resistant support (CMS-support) to the building structure for example screws, anchors etc. are not covered by this document. CMS intended to provide support and fire protection for cables are tested according to EN 1366 11. This document does not apply to powertrack systems. NOTE Rules for testing CMS-support for fibre optic cables and communication cables are under consideration.

Keel: en
Alusdokumendid: CLC/TR 50658:2022

EVS-EN 12101-13:2022

Suitsu ja soojuse kontrollsüsteemid. Osa 13: Rõhuvahesüsteemid. Projekteerimis- ja arvutusmeetodid, paigaldus, vastuvõtukatsed, korraline katsetus ja hooldus
Smoke and heat control systems - Part 13: Pressure differential systems (PDS) - Design and calculation methods, installation, acceptance testing, routine testing and maintenance

See dokument käsitleb arvutusmeetodeid, juhiseid ja nõudeid, mis puudutavad rõhuvahesüsteemide projekteerimist, paigaldust, vastuvõtukatseid, korralisi katsetusi ja hooldust. Rõhuvahesüsteemid on kavandatud suitsu leviku tõkestamiseks hoones lekkivate füüsiliste takistuste, nagu uste (avatud või suletud) või muude sarnaselt piiratud avade juures ja püsivate tingimuste säilitamiseks evakuatsiooni- ja juurdepääsuteedel, sõltuvalt rakendusest. See käsitleb süsteeme, mis on ette nähtud evakuatsiooniteede, nt trepikodade, koridoride ja tamburite kaitsmiseks, samuti süsteeme, mis tagavad kaitstud tulekustutusruumi (tugipunkt) päästemeeskonnale. Esitatakse üksikasjad kriitiliste omaduste ja asjakohaste paigalduste kohta. Dokumendis kirjeldatakse kasutuselevõtu protseduure ja vastuvõtukatsete kriteeriumeid, mida on vaja kinnitamaks, et kavandatud lahendus on hoones saavutatud. See dokument toob esile juhised, nõuded ja protseduurid rõhuvahesüsteemide projekteerimiseks hoonetele kõrgusega kuni 60 m. Üle 60 m kõrgustele hoonetele on antud samasugused nõuded (nt tabel 1), kuid vajalikud on täiendavad arvutus- ja kontrollimeetodid. Nõuded seoses selliste meetodite ja kontrolliga on toodud lisas D, kuid need meetodid (nt täiendav matemaatiline analüüs ja/või arvutuslik vedelike dünaamika (Computational Fluid Dynamics, CFD) jäävad selle dokumendi käsitlusalast välja. Samuti on selles dokumendis määratletud korralised katsetused ja hooldusnõuded. Siseriiklike nõuete puudumisel ning eeldatavatel ümbritsevatel keskkonnatingimustel ja välistingimustel peab rõhuvahesüsteem vastama tabelis 1 toodud nõuetele.

Keel: en, et
Alusdokumendid: EN 12101-13:2022
Asendab dokumenti: EVS-EN 12101-6:2006

EVS-EN 1366-10:2022

Fire resistance tests for service installations - Part 10: Smoke control dampers

This document specifies test methods for smoke control dampers to assess their performance under elevated temperature or fire conditions, as well as at ambient temperatures. Smoke control damper tests are used to confirm that the furnace testing requirements of EN 12101-8 are met and EN 12101-8 is for consideration before carrying out these tests. Smoke control dampers tested to this document are expected to be classified using EN 13501-4 and this document is expected to be considered before carrying out these tests. NOTE Some smoke control dampers to be tested might require testing following the information given in EN 1366-2 and this needs consideration before carrying out testing. This document is expected to be read in conjunction with EN 12101-8, EN 13501-4, EN 1366-2 and EN 1363-1, the latter giving further details for fire resistance testing. For installation details, the requirements for smoke extraction ducts are for consideration and these are defined in EN 1366-8 and EN 1366-9.

Keel: en
Alusdokumendid: EN 1366-10:2022
Asendab dokumenti: EVS-EN 1366-10:2011+A1:2017

EVS-EN 15882-2:2022

Extended application of results from fire resistance tests for service installations - Part 2: Fire dampers

This document provides guidance and rules to notified bodies (for fire dampers) allowing them to produce/validate an extended field of application report for fire dampers based on testing undertaken in accordance with EN 1366 2. This document identifies the parameters that affect the fire resistance of fire dampers. It also identifies the factors that need to be considered when deciding whether, or by how much, the parameter can be extended when contemplating the fire resistance performance of an untested, or untestable variation in the construction. This document explains the principles behind how a conclusion on the influence of specific parameters/constructional details relating to the relevant criteria (E, I, S) can be achieved. This document does not cover dampers used for smoke control or non-mechanical fire barriers. It is the intention that the application of this document makes it possible to identify which specifications to test to maximize the field of application. Some information on test programmes is given for guidance purposes.

Keel: en
Alusdokumendid: EN 15882-2:2022
Asendab dokumenti: EVS-EN 15882-2:2015

EVS-EN 16072:2022

Intelligent transport systems - ESafety - Pan-European eCall operating requirements

The objective of implementing the pan-European in-vehicle emergency call system (eCall) is to automate the notification of a traffic accident, wherever in Europe, with the same technical standards and the same quality of services objectives by using 'Public Land Mobile Networks'(PLMN) (such as GSM and UMTS), which supports the European pre-assigned emergency destination address (see normative references) and to provide a means of manually triggering the notification of an incident. This document specifies the general operating requirements and intrinsic procedures for in-vehicle emergency call (eCall) services in order to transfer an emergency message from a vehicle to a Public Safety Answering Point (PSAP) in the event of a crash or emergency, via an eCall communication session and to establish a voice channel between the in-vehicle equipment and the PSAP. Private third party in-vehicle emergency supporting services may also provide a similar eCall function by other means. The provision of such services are defined in EN 16102, and are outside the scope of this document. The communications protocols and methods for the transmission of the eCall message are not specified in this document. This document specifies the operating requirements for an eCall service. An important part of the eCall service is a Minimum Set of Data (MSD). The operating requirements for the MSD are determined in this document, but the form and data content of the MSD is not defined herein. A common European MSD is determined in EN 15722. This document does not specify whether eCall is provided using embedded equipment or other means (for example in the case of aftermarket equipment).

Keel: en
Alusdokumendid: EN 16072:2022
Asendab dokumenti: EVS-EN 16072:2015

EVS-EN 50399:2022

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

This document specifies the apparatus and methods of test for the assessment of vertical flame spread, heat release, smoke production and occurrence of flaming droplets/particles of vertically mounted electric cables under defined conditions. NOTE For the purpose of this document, the term “electric cable” covers all power, control and communication cables, including optical fibre cables and hybrid cables used for the conveyance of energy and/or signals. This document details the apparatus for the fire propagation testing and the arrangement and calibration of the instrumentation to be installed to measure the heat release and the smoke production during the test. The combustion gases are collected in a hood above the test chamber and conveyed through an exhaust system, which allows the measurement of heat release rate and smoke production. Test procedures to be used for type approval testing for classification of cables in classes [2, 7] B1ca, B2ca, Cca and Dca are given. Cable installation on the test ladder and the volume of air passing through the chamber are in accordance with the Commission Decision 2006/751/EC [6], which is reflected in the requirements of this document.

Keel: en
Alusdokumendid: EN 50399:2022
Asendab dokumenti: EVS-EN 50399:2011
Asendab dokumenti: EVS-EN 50399:2011/A1:2016

EVS-EN 60335-2-30:2010/A13:2022

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

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

Amendment to EN 60335-2-30:2009

Keel: en
Alusdokumendid: EN 60335-2-30:2009/A13:2022
Muudab dokumenti: EVS-EN 60335-2-30:2010
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1+A12:2020

EVS-EN 60335-2-30:2010/A2:2022

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

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

This European Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also deals with the safety of electric heaters intended for the heating of driver and passenger compartments of motor vehicles when they are stationary, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-30:2009/A2:2021; EN 60335-2-30:2009/A2:2022
Muudab dokumenti: EVS-EN 60335-2-30:2010
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1+A12:2020

EVS-EN 60335-2-30:2010+A11+A1+A12+A2+A13:2022

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

Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters (IEC 60335-2-30:2009 + IEC 60335-2-30:2009/A1:2016, modified + IEC 60335-2-30:2009/A2:2021)

This clause of Part 1 is replaced by the following. This European Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also deals with the safety of electric heaters intended for the heating of driver and passenger compartments of motor vehicles when they are stationary, their rated voltage being not more than 250 V. NOTE Z101 Examples of appliances that are within the scope of this standard are – convector heaters; – fan heaters; – heaters for use in greenhouses; – liquid-filled radiators; – panel heaters; – radiant heaters; – tubular heaters; – ceiling mounted heat lamp appliances. – cab heaters; For extraction fans of ceiling mounted heat lamp appliances, EN 60335-2-80 is applicable as far as is reasonable. Appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this standard. NOTE Z102 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: – in shops and other similar working environments; – in farm houses; – by clients in hotels, motels and other residential type environments; – in bed and breakfast type environments. NOTE Z103 Household environments include the dwelling and its associated buildings, the garden, etc. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: • children playing with the appliance; • the use of the appliance by very young children; • the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this European Standard. NOTE Z104 Attention is drawn to the fact that – for appliances intended to be used in moving vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities; – for appliances intended to be used in the presence of combustible dust, for example in barns or stables, additional requirements may be necessary. NOTE Z105 This European Standard does not apply to – appliances intended exclusively for industrial purposes; – appliances intended to be used where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – heaters that are built into air conditioners (EN 60335-2-40); – clothes dryers and towel rails (EN 60335-2-43); – heaters for saunas (EN 60335-2-53); – thermal-storage room heaters (EN 60335-2-61); – heating appliances for breeding and rearing animals (EN 60335-2-71); – foot warmers and heating mats (EN 60335-2-81); – flexible sheet heating elements for room heating (EN 60335-2-96); – heated carpets; – central heating systems; – heating cables (IEC 60800). – heaters intended for the heating of caravans.

Keel: en
Alusdokumendid: IEC 60335-2-30:2009; EN 60335-2-30:2009; EN 60335-2-30:2009/Corr:2010; EN 60335-2-30:2009/A11:2012; EN 60335-2-30:2009/AC:2014; EN 60335-2-30:2009/A12:2020; IEC 60335-2-30:2009/A1:2016; EN 60335-2-30:2009/A1:2020; IEC 60335-2-30:2009/A2:2021; EN 60335-2-30:2009/A2:2022; EN 60335-2-30:2009/A13:2022
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A1:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A11:2012
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A12:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A13:2022

Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A2:2022
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2010
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2015
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010+A11+A1+A12:2020

EVS-EN IEC 62676-2-33:2022

Video surveillance systems for use in security applications - Part 2-33: Video transmission protocols - Cloud uplink and remote management system access

This part of the IEC 62676 series specifies management systems interfaces and mechanism for remote operational access to physical security devices such as video surveillance devices and systems. For video surveillance, the use cases focus on accessing live video and retrieving recordings. The mechanism defined in this specification are not restricted to surveillance applications but also cover remote access to security systems and electronic access control systems. Configuration of devices and management systems is out of scope of this specification. Clause 4 introduces to remote management access. Clause 5 defines a set of requirements that the protocol needs to fulfil. Clause 6 extends the token-based resource-addressing scheme of the underlying specification IEC 60839-11-31. Clause 7 describes how to retrieve information about remote resources. Clause 8 defines how to connect to devices that are not directly reachable because they are e.g. located behind firewalls.

Keel: en
Alusdokumendid: IEC 62676-2-33:2022; EN IEC 62676-2-33:2022

EVS-EN ISO 19040-1:2022

Water quality - Determination of the estrogenic potential of water and waste water - Part 1: Yeast estrogen screen (Saccharomyces cerevisiae) (ISO 19040-1:2018)

This document specifies a method for the determination of the estrogenic potential of water and waste water by means of a reporter gene assay with genetically modified yeast strains Saccharomyces cerevisiae. This reporter gene assay is based on the activation of the human estrogen receptor alpha. This method is applicable to: — fresh water; — waste water; — aqueous extracts and leachates; — eluates of sediments (fresh water); — pore water; — aqueous solutions of single substances or of chemical mixtures; — drinking water. The limit of quantification (LOQ) of this method for the direct analysis of water samples is between 8 ng/l and 15 ng/l 17β-estradiol equivalents (EEQ) based on the results of the international interlaboratory trial (see Annex F). The upper threshold of the dynamic range for this test is between 120 ng/l and 160 ng/l 17β-estradiol equivalents (EEQ). Samples showing estrogenic potencies above this threshold have to be diluted for a valid quantification. Extraction and pre-concentration of water samples can prove necessary, if their estrogenic potential is below the given LOQ.

Keel: en
Alusdokumendid: ISO 19040-1:2018; EN ISO 19040-1:2022

EVS-EN ISO 19040-2:2022

Water quality - Determination of the estrogenic potential of water and waste water - Part 2: Yeast estrogen screen (A-YES, Arxula adeninivorans) (ISO 19040-2:2018)

This document specifies a method for the determination of the estrogenic potential of water and waste water by means of a reporter gene assay with a genetically modified yeast strain Arxula adeninivorans. This reporter gene assay is based on the activation of the human estrogen receptor alpha. Arxula adeninivorans is a highly robust and salt- and temperature-tolerant test organism and is especially suitable for the analysis of samples with high salinity (conductivity up to 70 mS/cm). The test organism can be cultivated in medium with sodium chloride content up to 20 %. This method is applicable to: — fresh water; — waste water; — sea water; — brackish water; — aqueous extracts and leachates; — eluates of sediments (fresh water); — pore water; — aqueous solutions of single substances or of chemical mixtures; — drinking water. The limit of quantification (LOQ) of this method for the direct analysis of water samples is between 1,5 ng/l and 3 ng/l 17β-estradiol equivalents (EEQ). The upper threshold of the dynamic range for this test is between 25 ng/l and 40 ng/l 17β-estradiol equivalents (EEQ). Samples showing estrogenic potencies above this threshold have to be diluted for a valid quantification. Extraction and pre-concentration of water samples can prove necessary, if their estrogenic potential is below the given LOQ. An international interlaboratory trial for the validation of this document has been carried out. The results are summarized in Annex F. NOTE Extraction and pre-concentration of water samples can prove necessary.

Keel: en
Alusdokumendid: ISO 19040-2:2018; EN ISO 19040-2:2022

EVS-EN ISO 19040-3:2022

Water quality - Determination of the estrogenic potential of water and waste water - Part 3: In vitro human cell-based reporter gene assay (ISO 19040-3:2018)

This document specifies a method for the determination of the estrogenic potential of water and waste water by means of a reporter gene assay utilizing stably transfected human cells. This reporter gene assay is based on the activation of the human estrogen receptor alpha. This method is applicable to: — fresh water; — waste water; — aqueous extracts and leachates; — eluates of sediments (fresh water); — pore water; — aqueous solutions of single substances or of chemical mixtures; — drinking water; — the limit of quantification (LOQ) of this method for the direct analysis of water samples is between 0,3 ng/l and 1 ng/l 17β-estradiol equivalents (EEQ) based on the results of the international interlaboratory trial (see Annex F). The upper working range was evaluated [based on the results of the international interlaboratory trial (see Table F.3)] up to a level of 75 ng EEQ/l. Samples showing estrogenic potencies above this threshold have to be diluted for a valid quantification. Extraction and pre concentration of water samples can prove necessary if their estrogenic potential is below the given LOQ.

Keel: en
Alusdokumendid: ISO 19040-3:2018; EN ISO 19040-3:2022

EVS-EN ISO 20595:2022

Water quality - Determination of selected highly volatile organic compounds in water - Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS) (ISO 20595:2018)

ISO 20595:2018 specifies a method for the determination of selected volatile organic compounds in water (see Table 1). This comprises among others volatile halogenated hydrocarbons as well as gasoline components (BTXE, TAME, MTBE and ETBE). The method is applicable to the determination of volatile organic compounds (see Table 1) in drinking water, groundwater, surface water and treated waste water in mass concentrations >0,1 µg/l. The lower application range depends on the individual compound, the amount of the blank value and the matrix.

Keel: en
Alusdokumendid: ISO 20595:2018; EN ISO 20595:2022

EVS-EN ISO 20596-2:2022

Water quality - Determination of cyclic volatile methylsiloxanes in water - Part 2: Method using liquid-liquid extraction with gas chromatography-mass spectrometry (GC-MS) (ISO 20596-2:2021)

This document specifies a method for the determination of certain cyclic volatile methylsiloxanes (cVMS) in environmental water samples with low density polyethylene (LDPE) as a preservative and subsequent liquid-liquid extraction with hexane containing 13C-labeled cVMS as internal standards. The extract is then analysed by gas chromatography-mass spectrometry (GC-MS). NOTE Using the 13C-labeled, chemically identical substances as internal standards with the same properties as the corresponding analytes, minimizes possible substance-specific discrimination in calibrations. Since these substances are least soluble in water, they are introduced via the extraction solvent hexane into the system.

Keel: en
Alusdokumendid: ISO 20596-2:2021; EN ISO 20596-2:2022

EVS-EN ISO 6942:2022

Protective clothing - Protection against heat and fire - Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat (ISO 6942:2022)

This document specifies two complementary methods (method A and method B) for determining the behaviour of materials for heat protective clothing subjected to heat radiation. These tests are carried out on representative single or multi-layer textiles or other materials intended for clothing for protection against heat. They are also applicable to assemblies, which correspond to the overall build up of a heat protective clothing assembly with or without underclothing, Method A serves for visual assessment of any changes in the material after the action of heat radiation. With method B the protective effect of the materials is determined. The materials may be tested either by both methods or only by one of them. The tests according to these two methods serve to classify materials; however, to be able to make a statement or prediction as to the suitability of a material for protective clothing additional criteria must be taken into account. Since the tests are carried out at room temperature the results do not necessarily correspond to the behaviour of the materials at higher ambient temperatures and therefore are only to a limited extent suitable for predicting the performance of the protective clothing made from the materials under test.

Keel: en
Alusdokumendid: ISO 6942:2022; EN ISO 6942:2022
Asendab dokumenti: EVS-EN ISO 6942:2002

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO/CIE 11664-6:2022

Colorimetry - Part 6: CIEDE2000 colour-difference formula (ISO/CIE 11664-6:2022)

This document specifies the method of calculating colour differences according to the CIEDE2000 formula. This document is applicable to input values of CIELAB L*, a*, b* coordinates calculated according to ISO/CIE 11664-4. It can be used for the specification of the colour difference between two colour stimuli perceived as belonging to reflecting or transmitting objects. This includes displays if they are being used to simulate reflecting or transmitting objects and if the tristimulus values representing the stimuli are appropriately normalized. This document does not apply to colour stimuli perceived as belonging to areas that appear to be emitting light as primary light sources or that appear to be specularly reflecting such light.

Keel: en
Alusdokumendid: ISO/CIE 11664-6:2022; EN ISO/CIE 11664-6:2022
Asendab dokumenti: EVS-EN ISO 11664-6:2016

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 11114-6:2022

Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 6: Oxygen pressure surge testing (ISO 11114-6:2022)

This document specifies requirements for the test apparatus and test procedure in order to apply oxygen pressure surges consistently to devices being tested for resistance to ignition by adiabatic compression and to materials for oxygen compatibility.

Keel: en
Alusdokumendid: ISO 11114-6:2022; EN ISO 11114-6:2022

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 15502-2-1:2022

Gaasküttega keskküttekatlad. Osa 2-1: Erinõuded C tüüpi kateldele ja B2, B3 ning B5 tüüpi kateldele nimisoojuskoormusega mitte üle 1 000 kW
Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

This document specifies the requirements and test methods, as well as the classification and marking of gas-fired central heating boilers that are fitted with atmospheric burners, fan assisted atmospheric burners or fully premixed burners, and are hereafter referred to as "boilers". This document is intended to be used in conjunction with EN 15502-1:2021. This document covers gas-fired central heating boilers from the types C1 up to C(11) and the types B2, B3 and B5: NOTE 1 For further background information on appliance types see EN 1749:2020. a) that have a nominal heat input (on the basis of net calorific value) not exceeding 1 000 kW; b) that use one or more combustible gases of the three gas families at the pressures stated in EN 437:2021; c) where the temperature of the heat transfer fluid does not exceed 105 °C during normal operation; d) where the maximum operating pressure in the water circuit does not exceed 6 bar; e) which can give rise to condensation under certain circumstances; f) which are declared in the instructions for installation to be either a "condensing" boiler or a "low temperature boiler" or a "standard boiler"; if no declaration is given the boiler is to be considered a "standard boiler"; g) which are intended to be installed inside a building or in a partially protected place; h) which are intended to produce also hot water either by the instantaneous or storage principle as a single unit; i) which are designed for either sealed water systems or for open water systems; j) which are either modular boilers, or non-modular boilers. k) which are from the types C(10) that are equipped with a gas-air ratio control and that have a Δpmax, saf(min) of 25 Pa, and C(11) that have condensing boiler modules that are equipped with a gas-air ratio control and that have a Δpmax, saf(min) of 25 Pa. NOTE 2 This document provides requirements for boilers with known constructions. For boilers with any alternative constructions, which might not fully be covered by this standard, the risk associated with this alternative construction needs to be assessed. An example of an assessment methodology, based upon risk assessment, is given in Clause 11. This document does not cover all the requirements for: aa) appliances above 1 000 kW; ab) appliances that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance (see Annex AB of EN 15502-1:2021); ac) appliances using flue dampers; ad) appliances of the types B21, B31, B51, C21, C41, C51, C61, C71, C81, C(12) and C(13); ae) C7 appliances that have a nominal heat input (on the basis of net calorific value) exceeding 70 kW; af) appliances incorporating flexible plastic flue liners; ag) C(10) boilers: 1) without a gas-air ratio control, or 2) which are non-condensing appliances, or 3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δpmax, saf(min)); ah) C(11) boilers that have boiler modules: 1) without a gas-air ratio control, or 2) which are non-condensing appliances, or 3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δpmax, saf(min)); ai) appliances intended to be connected to a flue having mechanical extraction; aj) surface temperatures of external parts particular to children and elderly people; ak) appliances that are intended to burn natural gases of the second family where hydrogen is added to the natural gas; al) appliances equipped with an adaptive combustion control function (ACCF); am) boilers intended to be installed in areas accessible to elderly people and children.

Keel: en
Alusdokumendid: EN 15502-2-1:2022
Asendab dokumenti: EVS-EN 15502-2-1:2012+A1:2016

EVS-EN IEC 62282-4-101:2022

Fuel cell technologies - Part 4-101: Fuel cell power systems for electrically powered industrial trucks - Safety

This document deals with safety of fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU). This part of IEC 62282 covers safety requirements for fuel cell power systems intended to be used in electrically powered industrial trucks as defined in ISO 5053-1, except for: - rough-terrain trucks; - non-stacking low-lift straddle carriers; - stacking high-lift straddle carriers; - rough-terrain variable-reach trucks; - slewing rough-terrain variable-reach trucks; - variable-reach container handlers; - pedestrian propelled trucks. This document applies to gaseous hydrogen-fuelled fuel cell power systems and direct methanol fuel cell power systems for electrically powered industrial trucks. The following fuels are considered within the scope of this document: - gaseous hydrogen; - methanol. This document covers the fuel cell power system as defined in 3.8 and Figure 1. This document applies to DC type fuel cell power systems, with a rated output voltage not exceeding 150 V DC for indoor and outdoor use. This document covers fuel cell power systems whose fuel source container is permanently attached to either the industrial truck or the fuel cell power system. In accordance with IEC Guide 116, significant hazards, hazardous situations and events dealt with in this document are shown in Annex B. The following are not included in the scope of this document: - detachable type fuel source containers; - hybrid trucks that include an internal combustion engine; - reformer-equipped fuel cell power systems; - fuel cell power systems intended for operation in potentially explosive atmospheres; - fuel storage systems using liquid hydrogen. [Figure 1]

Keel: en
Alusdokumendid: IEC 62282-4-101:2022; EN IEC 62282-4-101:2022
Asendab dokumenti: EVS-EN 62282-4-101:2014

EVS-EN IEC 62282-4-600:2022

Fuel cell technologies - Part 4-600: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) - Fuel cell/battery hybrid systems performance test methods for excavators

IEC 62282-4-600:2022 covers the requirements for the performance test methods of fuel cell/battery hybrid systems intended to be used for electrically powered applications for excavators. For this purpose, this document covers electrical performance and vibration tests for the fuel cell/battery hybrid system. This document also covers performance test methods which focus on vibration and other characteristics for balance of plant (BOP) installed in heavy-duty applications with fuel cell/battery hybrid system. This document applies to both gaseous hydrogen-fuelled fuel cell power, liquid hydrogen-fuelled fuel cell power, direct methanol fuel cell power and battery hybrid power pack systems.

Keel: en
Alusdokumendid: IEC 62282-4-600:2022; EN IEC 62282-4-600:2022

EVS-EN ISO 24252:2022

Biogas systems - Non-household and non-gasification (ISO 24252:2021)

This document applies for systems for biogas production by anaerobic digestion, biogas conditioning, biogas upgrading and biogas utilization from a safety, environmental, performance and functionality perspective, during the design, manufacturing, installation, construction, testing, commissioning, acceptance, operation, regular inspection and maintenance phases. The following topics are excluded from this document: — boilers, burners, furnaces and lighting in case these are not specifically applied for locally produced biogas; — gas fuelled engines for vehicles and ships; — the public gas grid; — specifications to determine biomethane quality; — transportation of compressed or liquefied biogas; — transportation of biomass or digestate; — assessment and determination whether biomass is sourced sustainably or not. An informative explanation of the scope is included in Annex A.

Keel: en
Alusdokumendid: ISO 24252:2021; EN ISO 24252:2022

EVS-EN ISO 9288:2022

Thermal insulation - Heat transfer by radiation - Vocabulary (ISO 9288:2022)

This document defines physical quantities and other terms in the field of thermal insulation relating to heat transfer by radiation.

Keel: en
Alusdokumendid: ISO 9288:2022; EN ISO 9288:2022
Asendab dokumenti: EVS-EN ISO 9288:2006

29 ELEKTROTEHNIKA

CLC/TR 50658:2022

Cable management systems (CMS) providing support for cables with intrinsic fire resistance

This document specifies test methods for cable management systems intended (CMS) to provide support for intrinsic fire-resistant cables in order to determine their abilities to maintain the function of electrical power cables and signal/control cables for a specified duration when subjected to fire under defined conditions. This document establishes a non-hierarchical classification for this ability. Additional devices to fix the cable management systems providing fire resistant support (CMS-support) to the building structure for example screws, anchors etc. are not covered by this document. CMS intended to provide support and fire protection for cables are tested according to EN 1366 11. This document does not apply to powertrack systems. NOTE Rules for testing CMS-support for fibre optic cables and communication cables are under consideration.

Keel: en
Alusdokumendid: CLC/TR 50658:2022

EVS-EN 50399:2022

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

This document specifies the apparatus and methods of test for the assessment of vertical flame spread, heat release, smoke production and occurrence of flaming droplets/particles of vertically mounted electric cables under defined conditions. NOTE For the purpose of this document, the term “electric cable” covers all power, control and communication cables, including optical fibre cables and hybrid cables used for the conveyance of energy and/or signals. This document details the apparatus for the fire propagation testing and the arrangement and calibration of the instrumentation to be installed to measure the heat release and the smoke production during the test. The combustion gases are collected in a hood above the test chamber and conveyed through an exhaust system, which allows the measurement of heat release rate and smoke production. Test procedures to be used for type approval testing for classification of cables in classes [2, 7] B1ca, B2ca, Cca and Dca are given. Cable installation on the test ladder and the volume of air passing through the chamber are in accordance with the Commission Decision 2006/751/EC [6], which is reflected in the requirements of this document.

Keel: en
Alusdokumendid: EN 50399:2022

Asendab dokumenti: EVS-EN 50399:2011
Asendab dokumenti: EVS-EN 50399:2011/A1:2016

EVS-EN 50708-2-3:2022

Power transformers - Additional European requirements - Part 2-3: Medium power transformer - Accessories

This document describes the list of typical accessories used for liquid and dry type Medium Power Transformers (≤ 3 150 kVA).

Keel: en
Alusdokumendid: EN 50708-2-3:2022

EVS-EN 50708-3-4:2022

Power transformers - Additional European requirements - Part 3-4: Large power transformer - Special tests for corrugated tank and radiators

This document describes a special test for tanks of liquid-immersed transformers which during service are hermetically sealed and fully filled with liquid and volume change of the liquid due to temperature change compensated by elastic deformation of the cooling element for Large Power Transformers having a rated power greater than 3150 kVA.

Keel: en
Alusdokumendid: EN 50708-3-4:2022

EVS-EN 60598-2-11:2013/A1:2022

Valgustid. Osa 2-11: Erinõuded. Akvaariumivalgustid
Luminaires - Part 2-11: Particular requirements - Aquarium luminaires

Standardi EN 60598-2-11:2013 muudatus

Keel: en
Alusdokumendid: IEC 60598-2-11:2013/AMD1:2022; EN 60598-2-11:2013/A1:2022
Muudab dokumenti: EVS-EN 60598-2-11:2013

EVS-EN 61184:2017/A1:2022

Bajonett-lambipesad
Bayonet lampholders

Muudatus standardile EN 61184:2017

Keel: en
Alusdokumendid: IEC 61184:2017/AMD1:2019; EN 61184:2017/A1:2022
Muudab dokumenti: EVS-EN 61184:2017

EVS-EN 62423:2012/A12:2022

Majapidamises ja muuks taoliseks kasutamiseks ette nähtud, tüüpidesse F ja B kuuluvad rikkevoolukaitselülitid sisseehitatud liigvoolukaitsega või ilma selleta
Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses

The scope of EN 61008-1 and EN 61008-2-1 or EN 61009-1 and EN 61009-2-1 applies with the following additions. This standard specifies requirements and tests for Type F and Type B RCDs (Residual current devices). Requirements and tests given in this standard are in addition to the requirements of Type A residual current devices according to EN 61008-2-1 or EN 61009-2-1. This standard can only be used together with EN 61008-1 and EN 61009-1.

Keel: en
Alusdokumendid: EN 62423:2012/A12:2022
Muudab dokumenti: EVS-EN 62423:2012

EVS-EN IEC 60598-2-18:2022

Luminaires - Part 2-18: Particular requirements - Luminaires for swimming pools and similar applications

This part of IEC 60598 specifies requirements for fixed luminaires intended for use in the water, or in contact with the water, in, for example, the basins of swimming pools, fountains, paddling pools, and garden pools, for use with electric light sources. NOTE Electrical installation rules for swimming pools are given in IEC 60364-7-702. This document does not cover luminaires not in contact with the water (e.g. mounted behind a glass panel which is separate from the luminaire) or hand-held or portable luminaires.

Keel: en
Alusdokumendid: EN IEC 60598-2-18:2022; IEC 60598-2-18:2022
Asendab dokumenti: EVS-EN 60598-2-18:2003
Asendab dokumenti: EVS-EN 60598-2-18:2003/A1:2012

EVS-EN IEC 60669-2-1:2022

Kohtkindlate majapidamis- ja muude taoliste elektripaigaldiste lülitid. Osa 2-1: Erinõuded. Elektronlülitid

Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches

This Clause of Part 1 is completely replaced by: This Part of IEC 60669 applies to electronic control devices which is used as a general term to cover electronic switches, HBES/BACS switches and electronic extension units. It applies to electronic switches and to HBES/BACS switches, for alternating current (AC) only with a rated switching voltage not exceeding 250 V and a rated current not exceeding 16 A, intended for household and similar fixed electrical installations, either indoors or outdoors. It also applies to electronic extension units with a rated supply voltage not exceeding 250 V AC and 120 V DC, such as sensors and push buttons controlling the electronic switches, or the HBES/BACS switches or similar control devices used in lighting systems in the building environment. NOTE 1 An example of lighting systems is DALI. This Part of IEC 60669 also applies to electronic RCS and electronic TDS. Particular requirements are given in Annex FF. Switches including only passive components such as resistors, capacitors, inductors, PTC and NTC components, varistors, printed wiring boards and connectors are not considered as electronic control devices. This Part of IEC 60669 also applies to electronic switches and HBES/BACS switches for the operation of lighting equipment circuits and the control of the brightness of lighting equipment (dimmers) as well as the control of the speed of motors (for example, those used in ventilating fans) and for other purposes (for example, heating controls). The operation and/or control as mentioned above may be transmitted by an electronic signal via several media, e.g. powerline (mains), twisted pair, optical fibre, radio frequency, infra-red, etc. and are performed: - intentionally by a person via an actuating member, a key, a card, etc., via a sensing surface or a sensing unit, by means of touch, proximity, turn, optical, acoustic, thermal; - by physical means, e.g. light, temperature, humidity, time, wind velocity, presence of people; - by any other influence.

Keel: en
Alusdokumendid: IEC 60669-2-1:2021; EN IEC 60669-2-1:2022
Asendab dokumenti: EVS-EN 50428:2005
Asendab dokumenti: EVS-EN 50428:2005/A1:2007
Asendab dokumenti: EVS-EN 50428:2005/A2:2009
Asendab dokumenti: EVS-EN 60669-2-1:2004
Asendab dokumenti: EVS-EN 60669-2-1:2004/A1:2009
Asendab dokumenti: EVS-EN 60669-2-1:2004/A12:2011
Asendab dokumenti: EVS-EN 60669-2-1:2004/AC:2007

EVS-EN IEC 60669-2-1:2022/A11:2022

Kohtkindlate majapidamis- ja muude taoliste elektripaigaldiste lülitid. Osa 2-1: Erinõuded. Elektronlülitid

Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic control devices

To give requirements and tests for electronic control devices, a general term to cover electronic switches, HBES/BACS switches and electronic extension units. It applies to electronic switches and to HBES/BACS switches, for alternating current (AC) only with a rated switching voltage not exceeding 250 V and a rated current not exceeding 16 A, intended for household and similar fixed electrical installations, either indoors or outdoors. It also applies to electronic extension units with a rated supply voltage not exceeding 250 V AC and 120 V DC. This Part of IEC 60669 also applies to electronic control devices which include integrated radio receivers and transmitters.

Keel: en
Alusdokumendid: EN IEC 60669-2-1:2022/A11:2022
Muudab dokumenti: EVS-EN IEC 60669-2-1:2022

EVS-EN IEC 60669-2-1:2022+A11:2022

Kohtkindlate majapidamis- ja muude taoliste elektripaigaldiste lülitid. Osa 2-1: Erinõuded. Elektronlülitid

Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic control devices (IEC 60669-2-1:2021)

This clause of Part 1 is completely replaced by the following: This part of IEC 60669 applies to electronic control devices, a general term to cover electronic switches, home and building electronic systems (HBES) / building automation and control systems (BACS) switches and electronic extension units. It applies to electronic switches and to HBES/BACS switches, for alternating current (AC) only with a rated switching voltage not exceeding 250 V and a rated current not exceeding 16 A, intended for household and similar fixed electrical installations, either indoors or outdoors. It also applies to electronic extension units with a rated supply voltage not exceeding 250 V AC and 120 V DC, such as sensors and push buttons. This document also applies to electronic remote control switches (RCS) and electronic time delay switches (TDS). Particular requirements are given in Annex FF. Switches including only passive components such as resistors, capacitors, inductors, positive temperature coefficient (PTC) and negative temperature coefficient (NTC) components, varistors, printed wiring boards and connectors are not considered as electronic control devices. This document also applies to electronic switches and HBES/BACS switches for the operation of lighting equipment circuits and the control of the brightness of lighting equipment (dimmers) as well as the control of the speed of motors (for example, those used in ventilating fans) and for other purposes (for example, heating controls). The operation and/or control as mentioned in the paragraph above can be transmitted by an electronic signal via several media, for example, powerline (mains), twisted pair, optical fibre, radio frequency, infrared, etc. and are performed: – intentionally by a person via an actuating member, a key, a card, etc., via a sensing surface or a sensing unit, by means of touch, proximity, turn, optical, acoustic, thermal; – by physical means, for example, light, temperature, humidity, time, wind velocity, presence of people; – by any other influence. This document also applies to electronic control devices which include integrated radio receivers and transmitters. This document covers only those requirements for mounting boxes which are necessary for the tests on the electronic control devices.

Requirements for general purpose mounting boxes are given in the relevant part, if any, of IEC 60670. Electronic control devices complying with this document are suitable for use at ambient temperature not normally exceeding 25 °C but occasionally reaching 35 °C with a lower limit of the ambient air temperature of −5 °C. NOTE 1 For lower temperatures, see Annex E. Functional safety aspects are not covered by this document. Functional safety requirements are covered by the standards of the controlled devices. In locations where special conditions prevail, such as in ships, vehicles and the like and in hazardous locations, for example where explosions are liable to occur, special construction and/or additional requirements may be required. This document is not intended to cover devices which are designed to be incorporated in appliances or are intended to be delivered together with a specific appliance and which are within the scope of IEC 60730 (all parts) or IEC 61058-1. Examples of designs of electronic switches and HBES/BACS switches and functions are shown in Annex AA. This document also applies to electronic control devices using DLT-technology in accordance with IEC 62756 1. Additional Requirements are given in Annex CC. Electrical interface specification for phase-cut dimmer used in phase-cut dimmed lighting systems are given for information only in Annex EE.

Keel: en
Alusdokumendid: IEC 60669-2-1:2021; EN IEC 60669-2-1:2022; EN IEC 60669-2-1:2022/A11:2022
Konsolideerib dokumenti: EVS-EN IEC 60669-2-1:2022
Konsolideerib dokumenti: EVS-EN IEC 60669-2-1:2022/A11:2022

EVS-EN IEC 62271-4:2022

High-voltage switchgear and controlgear - Part 4: Handling procedures for gases for insulation and/or switching

This part of IEC 62271 applies to the procedures for handling of gases and gas mixtures for insulation and/or switching during installation, commissioning, repair, overhaul, normal and abnormal operations and disposal at the end-of-life of high-voltage switchgear and controlgear. These procedures are regarded as minimum requirements to ensure the reliability of electric power equipment, the safety of personal working with these gases and gas mixtures and to minimize the impact on the environment. Additional requirements could be given or specified in the operating instruction manual of the manufacturer. For each gas or gas mixture, which is known to be used in electric power equipment at the date of the publication of this document, a separate annex describes specifications, handling procedures, safety measures, etc. For gases or gas mixtures not covered by these annexes the electric power equipment manufacturer should provide the information needed, following the structure of these annexes. Such gases or gas mixtures should also be described in a next edition or in amendments to this edition. NOTE 1 For the use of this document, high-voltage (HV) is defined as the rated voltage above 1 000 V. However, the term medium-voltage (MV) is commonly used for distribution systems with voltages above 1 kV and generally applied up to and including 52 kV. NOTE 2 Throughout this standard, the term "pressure" stands for "absolute pressure". NOTE 3 Reference is also made to (Cigré Brochure 802, 2020). NOTE 4 For further details on gases, e.g. ecotoxicology, also refer to the chemical database ECHA (www.echa.europa.eu), which takes the actual volume band into consideration. NOTE 5 When reference to circuit-breakers is made, only gas circuit-breakers are of interest. When vacuum circuit breakers are of interest, they are explicitly mentioned.

Keel: en
Alusdokumendid: IEC 62271-4:2022; EN IEC 62271-4:2022
Asendab dokumenti: EVS-EN 62271-4:2013

EVS-HD 60364-5-53:2022

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparatuur
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

See standardisarja HD 60364 osa käsitleb turvalahutamise, lülitamise, juhtimise ja seire üldnõudeid koos nende funktsioonide täitmiseks ettenähtavate aparaatide valiku ja paigaldamise nõuetega.

Keel: en, et
Alusdokumendid: HD 60364-5-53:2022; HD 60364-5-53:2022/AC:2022-08
Asendab dokumenti: EVS-HD 60364-5-53:2015
Asendab dokumenti: EVS-HD 60364-5-53:2015/A11:2017
Asendab dokumenti: EVS-HD 60364-5-53:2015+A11:2017
Asendab dokumenti: EVS-HD 60364-5-534:2016
Asendab dokumenti: EVS-HD 60364-5-537:2016
Asendab dokumenti: EVS-HD 60364-5-537:2016/A11:2017
Asendab dokumenti: EVS-HD 60364-5-537:2016+A11:2017

33 SIDETEHNIKA

EVS-EN 300 132-2 V2.7.1:2022

Environmental Engineering (EE); Power supply interface at the input of Information and Communication Technology (ICT) equipment; Part 2: -48 V Direct Current (DC)

The present document contains requirements and measurements methods for the physical interface "A" that is situated between the power supply system(s) and the power consuming ICT equipment. The nominal voltage at power interface "A" of ICT equipment defined in the present document is DC voltage -48 V. The DC power can be supplied by a DC output power system (e.g. based on AC rectifiers on grid or DC/DC converters on solar system, fuel cell, DC engine or fuel cell generator) and also directly supplied by a battery backup in this DC power system. The purpose of the present document is to be able to use a power supply system with the same characteristics for all ICT equipment defined in the area of application: - to facilitate inter working of different types of load units; - to facilitate the standardization of ICT equipment; - to facilitate the installation, operation and maintenance in the same network of ICT equipment and systems from different origins. The present document aims at providing electrical compatibility between the power supply equipment and the power consuming ICT equipment, between different system

blocks and loads connected to the same power supply feeding the interface "A" (e.g. control/monitoring, cooling system, etc.). The requirements are defined for: - the power supply input of any type of ICT equipment installed at telecommunication centres that are connected to interface "A" powered by DC; - any type of ICT equipment, installed in access networks and customers' premises, the DC interface "A" of which is also used by equipment requiring a DC supply source; - any type of ICT equipment powered by DC, used in the fixed and mobile networks installed in different locations such as buildings, shelters, street cabinets, outdoor installations. Disturbances on the power supply interface "A" relating to the continuous wave phenomena below 20 kHz are covered within the present document. The present document does not cover safety requirements, they are covered by relevant safety standards. The present document does not cover EMC requirements, they are covered by relevant EMC standards. NOTE: Annex B gives guidance on -60 VDC supply systems.

Keel: en
Alusdokumendid: ETSI EN 300 132-2 V2.7.1

EVS-EN IEC 61280-4-3:2022

Fibre optic communication subsystem test procedures - Part 4-3: Installed passive optical networks - Attenuation and optical return loss measurements

IEC 61280-4-3: 2022 describes the measurement of attenuation, optical return loss and optical power in installed passive optical networks (PONs) using single-mode fibre. This document specifies two methods for measuring the attenuation before activation of the PON: - method A: one-cord method using a light source and a power meter (LSPM); - method B: optical time-domain reflectometer (OTDR) method in upstream direction only, with reduction of uncertainties due to the variation of backscatter coefficient. In addition, method C, which is described in informative Annex C, provides an estimate of the attenuation after partial activation of the PON by using a U band filtered optical time-domain reflectometer (FOTDR) in an upstream direction. This publication contains an attached file titled "Supplemental Data" in the form of an Excel spread sheet. This file is intended to be used as a complement and does not form an integral part of the standard.

Keel: en
Alusdokumendid: IEC 61280-4-3:2022; EN IEC 61280-4-3:2022

EVS-EN IEC 61726:2022

Cable assemblies, cables, connectors and passive microwave components - Screening attenuation measurement by the reverberation chamber method

This standard describes the measurement of screening attenuation by the reverberation chamber measurement method, also called mode stirred chamber method. This standard is applicable to screening attenuation measurements of cable assemblies, cables, connectors, and passive microwave components, such as waveguides, phase shifters, diplexers/multiplexers, power dividers/combiners and etc. Modern electronic equipments have shown a demand for methods for testing screening attenuation performance of microwave components over their whole frequency range. Convenient measurement methods have existed for lower frequencies and components of regular shape. These measurement methods are described in IEC 62153 series standards. For much higher frequencies and for components of irregular shape, the reverberation chamber method should be used. Theoretically, the reverberation chamber method has no upper limit of the measurement frequency, but it is limited by the quality and sensitivity of the measurement system, and the lower limit of the measurement frequency is restricted by the size of the reverberation chamber.

Keel: en
Alusdokumendid: IEC 61726:2022; EN IEC 61726:2022
Asendab dokumenti: EVS-EN 61726:2015

EVS-EN IEC 61753-089-02:2022

Fibre optic interconnecting devices and passive components - Performance standard - Part 089-02: Non-connectorised single-mode bidirectional OTDR monitoring WWDM for category C - Indoor controlled environment

This part of IEC 61753 contains the minimum initial test and measurement requirements and severities which a fibre-optic pigtailed wide wavelength division multiplexing (WWDM) device for monitoring passive optical networks (PON) using an optical time-domain reflectometer (OTDR) satisfies in order to be categorised as meeting the requirements of categorie C (Indoor controlled environment), as defined in annex A of IEC 61753-1 2018. WWDM is defined in IEC 62074-1.

Keel: en
Alusdokumendid: EN IEC 61753-089-02:2022; IEC 61753-089-02:2022
Asendab dokumenti: EVS-EN 61753-089-2:2013

EVS-EN IEC 62077:2022

Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification

IEC 62077: 2022 applies to circulators used in the field of fibre optics bearing all of the following features: - they are non-reciprocal optical devices, in which each port is either an optical fibre or fibre optic connector; - they are passive devices in accordance with the categorization and definition provided in IEC TS 62538; - they have three or more ports for directionally transmitting optical power. An example of optical circulator technology and application is described in Annex A and Annex B, respectively. This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - harmonization of terms and definitions with IEC TS 62627-09; - change of Clause 4 regarding requirements

Keel: en
Alusdokumendid: IEC 62077:2022; EN IEC 62077:2022

Asendab dokumenti: EVS-EN 62077:2016

35 INFOTEHNOLOOGIA

CEN ISO/TR 6026:2022

Electronic fee collection - Pre-study on the use of vehicle licence plate information and automatic number plate recognition (ANPR) technologies (ISO/TR 6026:2022)

This document provides an analysis of the use of licence plate number (LPN) information and automatic number plate recognition (ANPR) technologies in electronic fee collection (EFC), through the description of the legal, technical and functional contexts of LPN-based EFC. It also provides an associated gap analysis of the EFC standards to identify actions to support standardized use of the identified technologies, and a roadmap to address the identified gaps. The gap analysis in this document is based on use cases, relevant regulations, standards and best practices in the field of EFC, based on the European electronic toll service (EETS)[27] model. Examples of licence plate number (LPN)-based tolling schemes are given in Annex A.

Keel: en
Alusdokumendid: ISO/TR 6026:2022; CEN ISO/TR 6026:2022

EVS-EN 16072:2022

Intelligent transport systems - ESafety - Pan-European eCall operating requirements

The objective of implementing the pan-European in-vehicle emergency call system (eCall) is to automate the notification of a traffic accident, wherever in Europe, with the same technical standards and the same quality of services objectives by using 'Public Land Mobile Networks'(PLMN) (such as GSM and UMTS), which supports the European pre-assigned emergency destination address (see normative references) and to provide a means of manually triggering the notification of an incident. This document specifies the general operating requirements and intrinsic procedures for in-vehicle emergency call (eCall) services in order to transfer an emergency message from a vehicle to a Public Safety Answering Point (PSAP) in the event of a crash or emergency, via an eCall communication session and to establish a voice channel between the in-vehicle equipment and the PSAP. Private third party in-vehicle emergency supporting services may also provide a similar eCall function by other means. The provision of such services are defined in EN 16102, and are outside the scope of this document. The communications protocols and methods for the transmission of the eCall message are not specified in this document. This document specifies the operating requirements for an eCall service. An important part of the eCall service is a Minimum Set of Data (MSD). The operating requirements for the MSD are determined in this document, but the form and data content of the MSD is not defined herein. A common European MSD is determined in EN 15722. This document does not specify whether eCall is provided using embedded equipment or other means (for example in the case of aftermarket equipment).

Keel: en
Alusdokumendid: EN 16072:2022
Asendab dokumenti: EVS-EN 16072:2015

EVS-EN ISO 11615:2017/A1:2022

Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated medicinal product information - Amendment 1 (ISO 11615:2017/Amd 1:2022)

Amendment to EN ISO 11615:2017

Keel: en
Alusdokumendid: ISO 11615:2017/Amd 1:2022; EN ISO 11615:2017/A1:2022
Muudab dokumenti: EVS-EN ISO 11615:2017

EVS-EN ISO 19650-4:2022

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO 19650-4:2022)

This document specifies the detailed process and criteria for decision makings when executing an information exchange as specified by the ISO 19650 series to ensure the quality of the resulting project information model or asset information model. It details the implementation of the concepts in ISO 19650-1 and is applicable to any information exchange within the delivery stages covered by ISO 19650-2 and operational trigger events covered by ISO 19650-3. This document is applicable to assets of all sizes and all levels of complexity. This includes portfolios of buildings, campuses, infrastructure networks, individual buildings and pieces of infrastructure. The requirements in this document should be applied in a way that is appropriate to the scale and complexity of the asset. This document makes use of the phrase “shall consider”. This phrase is used to introduce a list of items that the person in question is required to think about carefully in connection with the primary requirement described in the subclause. The amount of thought involved, the time taken to complete it, and the need for supporting evidence depend on the complexity of the asset, the experience of the person(s) involved, and the requirements of any national policy on introducing building information modelling. On a relatively small or straightforward asset, it can be possible to complete, or dismiss as not relevant, some of these “shall consider” items very quickly. One way to help identify which of the “shall consider” statements are relevant can be to review each statement and create templates for assets of different sizes and complexity.

Keel: en
Alusdokumendid: ISO 19650-4:2022; EN ISO 19650-4:2022

EVS-EN ISO/IEC 24760-2:2022

Information technology - Security techniques - A framework for identity management - Part 2: Reference architecture and requirements (ISO/IEC 24760-2:2015)

ISO/IEC 24760-2:2015 provides guidelines for the implementation of systems for the management of identity information, and specifies requirements for the implementation and operation of a framework for identity management. ISO/IEC 24760-2:2015 is applicable to any information system where information relating to identity is processed or stored.

Keel: en
Alusdokumendid: ISO/IEC 24760-2:2015; EN ISO/IEC 24760-2:2022

EVS-EN ISO/IEC 24760-3:2022

Information technology - Security techniques - A framework for identity management - Part 3: Practice (ISO/IEC 24760-3:2016)

ISO/IEC 24760-3:2016 provides guidance for the management of identity information and for ensuring that an identity management system conforms to ISO/IEC 24760-1 and ISO/IEC 24760-2. ISO/IEC 24760-3:2016 is applicable to an identity management system where identifiers or PII relating to entities are acquired, processed, stored, transferred or used for the purposes of identifying or authenticating entities and/or for the purpose of decision making using attributes of entities. Practices for identity management can also be addressed in other standards.

Keel: en
Alusdokumendid: ISO/IEC 24760-3:2016; EN ISO/IEC 24760-3:2022

65 PÕLLUMAJANDUS

CEN/TS 17633:2022

General principles and requirements for testing of quality and nicotine levels of electronic cigarette liquids

This document specifies the manufacturing quality testing of e-liquids for vaping products in their fully produced form "finished e-liquid" at the point of manufacture, whether containing nicotine or not. This document is intended to be read in conjunction with FprEN 17647 and FprEN 17648. NOTE Testing for undesirable constituents is outside the scope of this document because their presence in final e-liquid is limited by controls at the ingredient level. The maximum level of undesirable constituents is set in the ingredient specification and monitored by testing at a frequency determined appropriate by the manufacturer.

Keel: en
Alusdokumendid: CEN/TS 17633:2022

EVS-EN ISO 24211:2022

Vapour products - Determination of selected carbonyls in vapour product emissions (ISO 24211:2022)

This document specifies a method for the determination of the amount of selected carbonyl compounds (formaldehyde and acetaldehyde) as their 2,4-dinitrophenylhydrazones in vapour product emissions using reversed phase liquid chromatography coupled with ultraviolet or diode array detector (LC-UV or LC-DAD). This document does not include the analysis of other carbonyl compounds, such as acrolein and crotonaldehyde, due to previous work indicated issues associated with stability of these compounds in the e-liquid solutions that were used to evaluate method performance[4].

Keel: en
Alusdokumendid: ISO 24211:2022; EN ISO 24211:2022

71 KEEMILINE TEHNOLOOGIA

EVS-EN ISO 10298:2020/A1:2022

Gas cylinders - Gases and gas mixtures - Determination of toxicity for the selection of cylinder valve outlets - Amendment 1 (ISO 10298:2018/Amd 1:2021)

This document lists the best available acute-toxicity data of gases taken from a search of the current literature to allow the classification of gases and gas mixtures for toxicity by inhalation. Scope of amendment Changes to formula in clause 4.3

Keel: en
Alusdokumendid: ISO 10298:2018/Amd 1:2021; EN ISO 10298:2020/A1:2022
Muudab dokumenti: EVS-EN ISO 10298:2020

EVS-EN ISO 23674:2022

Cosmetics - Analytical methods - Direct determination of traces of mercury in cosmetics by thermal decomposition and atomic absorption spectrometry (mercury analyser) (ISO 23674:2022)

This document specifies an analytical procedure for direct determination of traces of mercury in finished cosmetic products by thermal decomposition – atomic absorption spectrometry (mercury analyser). This document aims to provide a procedure of quantification of mercury traces in cosmetic products that consumers can be exposed to in their usage. This method describes

the determination of mercury traces in cosmetics by direct solid analysis with no need of prior digestion. Total mercury (both inorganic and organic species) can be quantified either in solid or liquid samples.

Keel: en
Alusdokumendid: ISO 23674:2022; EN ISO 23674:2022

EVS-EN ISO 23821:2022

Cosmetics - Analytical methods - Determination of traces of mercury in cosmetics by atomic absorbtion spectrometry (AAS) cold vapour technology after pressure digestion (ISO 23821:2022)

This document specifies a method for determination of mercury in cosmetics by means of cold vapour atomic absorption spectrometry (AAS) with a prior pressure digestion.

Keel: en
Alusdokumendid: ISO 23821:2022; EN ISO 23821:2022

73 MÄENDUS JA MAAVARAD

EVS-EN 16306:2022

Natural stone test methods - Determination of resistance of marble to thermal and moisture cycles

This document specifies a laboratory method for determining the resistance to thermal and moisture cycling of marble intended for the external cladding of building facades. NOTE Bowing and rapid strength loss is known to occur in some marbles when used as exterior cladding.

Keel: en
Alusdokumendid: EN 16306:2022
Asendab dokumenti: EVS-EN 16306:2013

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 10101-1:2022

Natural gas - Determination of water by the Karl Fischer method - Part 1: General requirements (ISO 10101-1:2022)

This document specifies general requirements for the determination of water in natural gas using the Karl Fischer method (see Reference [1]). ISO 10101-2 and ISO 10101-3 specify two individual methods of determination, a titration procedure and a coulometric procedure, respectively.

Keel: en
Alusdokumendid: ISO 10101-1:2022; EN ISO 10101-1:2022
Asendab dokumenti: EVS-EN ISO 10101-1:2000

EVS-EN ISO 10101-2:2022

Natural gas - Determination of water by the Karl Fischer method - Part 2: Volumetric procedure (ISO 10101-2:2022)

This document specifies a volumetric procedure for the determination of water content in natural gas. Volumes are expressed in cubic metres at a temperature of 273,15 K (0 °C) and a pressure of 101,325 kPa (1 atm). It applies to water concentrations between 5 mg/m3 and 5 000 mg/m3.

Keel: en
Alusdokumendid: ISO 10101-2:2022; EN ISO 10101-2:2022
Asendab dokumenti: EVS-EN ISO 10101-2:2000

EVS-EN ISO 13736:2021/A1:2022

Determination of flash point - Abel closed-cup method - Amendment 1: Bias statement update (ISO 13736:2021/Amd 1:2022)

Amendment to EN ISO 13736:2021

Keel: en
Alusdokumendid: ISO 13736:2021/Amd 1:2022; EN ISO 13736:2021/A1:2022
Muudab dokumenti: EVS-EN ISO 13736:2021

77 METALLURGIA

EVS-EN 1978:2022

Copper and copper alloys - Copper cathodes

This document specifies the composition and property requirements for cathodes of two copper grades, designated Cu-CATH-1 (CR001A) and Cu-CATH-2 (CR002A). Annex A (normative) describes methods for sampling cathodes for use in cases of dispute

between the purchaser and the supplier. Annex B (informative) gives information on the relationships between electrical resistivity and conductivity of copper.

Keel: en
Alusdokumendid: EN 1978:2022
Asendab dokumenti: EVS-EN 1978:1999

EVS-EN ISO 4943:2022

Steel and cast iron - Determination of copper content - Flame atomic absorption spectrometric method (ISO 4943:2022)

This document specifies a flame atomic absorption spectrometric method for the determination of copper in steel and cast iron. The method is applicable to copper contents in the range of 0,003 % (mass fraction) to 3,0 % (mass fraction).

Keel: en
Alusdokumendid: EN ISO 4943:2022; ISO 4943:2022
Asendab dokumenti: EVS-EN 24943:2000

85 PABERITEHNOLOOGIA

EVS-EN ISO 12625-4:2022

Tissue paper and tissue products - Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption (ISO 12625-4:2022)

This document specifies a test method for the determination of the tensile strength, stretch at maximum force and tensile energy absorption of tissue paper and tissue products. It uses a tensile-testing apparatus operating with a constant rate of elongation. It also specifies the method of calculating the tensile index and the tensile energy absorption index.

Keel: en
Alusdokumendid: ISO 12625-4:2022; EN ISO 12625-4:2022
Asendab dokumenti: EVS-EN ISO 12625-4:2016

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 16474-2:2013/A1:2022

Paints and varnishes - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps - Amendment 1: Classification of daylight filters (ISO 16474-2:2013/Amd 1:2022)

Amendment to EN ISO 16474-2:2013

Keel: en
Alusdokumendid: ISO 16474-2:2013/Amd 1:2022; EN ISO 16474-2:2013/A1:2022
Muudab dokumenti: EVS-EN ISO 16474-2:2013

91 EHITUSMATERJALID JA EHITUS

CLC/TR 50658:2022

Cable management systems (CMS) providing support for cables with intrinsic fire resistance

This document specifies test methods for cable management systems intended (CMS) to provide support for intrinsic fire-resistant cables in order to determine their abilities to maintain the function of electrical power cables and signal/control cables for a specified duration when subjected to fire under defined conditions. This document establishes a non-hierarchical classification for this ability. Additional devices to fix the cable management systems providing fire resistant support (CMS-support) to the building structure for example screws, anchors etc. are not covered by this document. CMS intended to provide support and fire protection for cables are tested according to EN 1366 11. This document does not apply to powertrack systems. NOTE Rules for testing CMS-support for fibre optic cables and communication cables are under consideration.

Keel: en
Alusdokumendid: CLC/TR 50658:2022

EVS-EN 12193:2019/AC:2022

Valgus ja valgustus. Spordivalgustus
Light and lighting - Sports lighting

Standardi EVS-EN 12193:2019 parandus

Keel: et
Parandab dokumenti: EVS-EN 12193:2019

EVS-EN 1366-10:2022

Fire resistance tests for service installations - Part 10: Smoke control dampers

This document specifies test methods for smoke control dampers to assess their performance under elevated temperature or fire conditions, as well as at ambient temperatures. Smoke control damper tests are used to confirm that the furnace testing requirements of EN 12101-8 are met and EN 12101-8 is for consideration before carrying out these tests. Smoke control dampers

tested to this document are expected to be classified using EN 13501-4 and this document is expected to be considered before carrying out these tests. NOTE Some smoke control dampers to be tested might require testing following the information given in EN 1366-2 and this needs consideration before carrying out testing. This document is expected to be read in conjunction with EN 12101-8, EN 13501-4, EN 1366-2 and EN 1363-1, the latter giving further details for fire resistance testing. For installation details, the requirements for smoke extraction ducts are for consideration and these are defined in EN 1366-8 and EN 1366-9.

Keel: en
Alusdokumendid: EN 1366-10:2022
Asendab dokumenti: EVS-EN 1366-10:2011+A1:2017

EVS-EN 13888-1:2022

Grouts for ceramic tiles - Part 1: Requirements, classification, designation, marking and labelling

This document is applicable to ceramic tile grouts for internal and external tile installations on walls and floors. This document gives the terminology concerning the products, working methods (see Annex A), application properties, etc. for ceramic tile grouts. This document specifies the performance requirements for cementitious and reaction resin grouts for ceramic tiles. This document does not contain criteria or recommendations for the design and installation of ceramic tiles. Ceramic tile grouts can also be used for other types of tiles (natural and agglomerated stones, etc.), where these do not adversely affect these materials.

Keel: en
Alusdokumendid: EN 13888-1:2022
Asendab dokumenti: EVS-EN 13888:2009

EVS-EN 13888-2:2022

Grouts for ceramic tiles - Part 2: Test methods

This document specifies the methods for determining characteristics for grouts used in internal and external installation of ceramic tiles. This document does not contain performance requirements or recommendations for the design and installation of ceramic tiles. The following test methods are described: - Determination of flexural and compressive strength (9.1); - Determination of water absorption (9.2); - Determination of shrinkage (9.3); - Determination of resistance to abrasion (9.4); - Determination of chemical resistance (9.5). Grouts for ceramic tiles can also be used for other kinds of tiles (natural and agglomerated stones, etc.), if they do not adversely affect the stones. WARNING - This document can involve hazardous materials and operations. It is important that persons using this document are familiar with normal laboratory practice. This document does not purport to address all the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any European and national regulatory conditions.

Keel: en
Alusdokumendid: EN 13888-2:2022
Asendab dokumenti: EVS-EN 12808-1:2008
Asendab dokumenti: EVS-EN 12808-2:2008
Asendab dokumenti: EVS-EN 12808-3:2008
Asendab dokumenti: EVS-EN 12808-4:2009
Asendab dokumenti: EVS-EN 12808-4:2009/AC:2011
Asendab dokumenti: EVS-EN 12808-5:2008

EVS-EN 15502-2-1:2022

Gaasküttega keskküttekatlad. Osa 2-1: Erinõuded C tüüpi kateldele ja B2, B3 ning B5 tüüpi kateldele nimisoojuskoormusega mitte üle 1 000 kW
Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

This document specifies the requirements and test methods, as well as the classification and marking of gas-fired central heating boilers that are fitted with atmospheric burners, fan assisted atmospheric burners or fully premixed burners, and are hereafter referred to as "boilers". This document is intended to be used in conjunction with EN 15502-1:2021. This document covers gas-fired central heating boilers from the types C1 up to C(11) and the types B2, B3 and B5: NOTE 1 For further background information on appliance types see EN 1749:2020. a) that have a nominal heat input (on the basis of net calorific value) not exceeding 1 000 kW; b) that use one or more combustible gases of the three gas families at the pressures stated in EN 437:2021; c) where the temperature of the heat transfer fluid does not exceed 105 °C during normal operation; d) where the maximum operating pressure in the water circuit does not exceed 6 bar; e) which can give rise to condensation under certain circumstances; f) which are declared in the instructions for installation to be either a "condensing" boiler or a "low temperature boiler" or a "standard boiler"; if no declaration is given the boiler is to be considered a "standard boiler"; g) which are intended to be installed inside a building or in a partially protected place; h) which are intended to produce also hot water either by the instantaneous or storage principle as a single unit; i) which are designed for either sealed water systems or for open water systems; j) which are either modular boilers, or non-modular boilers. k) which are from the types C(10) that are equipped with a gas-air ratio control and that have a Δpmax, saf(min) of 25 Pa, and C(11) that have condensing boiler modules that are equipped with a gas-air ratio control and that have a Δpmax, saf(min) of 25 Pa. NOTE 2 This document provides requirements for boilers with known constructions. For boilers with any alternative constructions, which might not fully be covered by this standard, the risk associated with this alternative construction needs to be assessed. An example of an assessment methodology, based upon risk assessment, is given in Clause 11. This document does not cover all the requirements for: aa) appliances above 1 000 kW; ab) appliances that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance (see Annex AB of EN 15502-1:2021); ac) appliances using flue dampers; ad) appliances of the types B21, B31, B51, C21, C41, C51, C61, C71, C81, C(12) and C(13); ae) C7 appliances that have a nominal heat input (on the basis of net calorific value) exceeding 70 kW; af) appliances incorporating flexible plastic flue liners; ag) C(10) boilers: 1) without a gas-air ratio control, or 2) which are non-condensing appliances, or 3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δpmax, saf(min)); ah) C(11) boilers that have boiler modules: 1) without a gas-air ratio control, or

2) which are non-condensing appliances, or 3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δpmax, saf(min)); ai) appliances intended to be connected to a flue having mechanical extraction; aj) surface temperatures of external parts particular to children and elderly people; ak) appliances that are intended to burn natural gases of the second family where hydrogen is added to the natural gas; al) appliances equipped with an adaptive combustion control function (ACCF); am) boilers intended to be installed in areas accessible to elderly people and children.

Keel: en
Alusdokumendid: EN 15502-2-1:2022
Asendab dokumenti: EVS-EN 15502-2-1:2012+A1:2016

EVS-EN 16306:2022

Natural stone test methods - Determination of resistance of marble to thermal and moisture cycles

This document specifies a laboratory method for determining the resistance to thermal and moisture cycling of marble intended for the external cladding of building facades. NOTE Bowing and rapid strength loss is known to occur in some marbles when used as exterior cladding.

Keel: en
Alusdokumendid: EN 16306:2022
Asendab dokumenti: EVS-EN 16306:2013

EVS-EN ISO 19650-4:2022

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO 19650-4:2022)

This document specifies the detailed process and criteria for decision makings when executing an information exchange as specified by the ISO 19650 series to ensure the quality of the resulting project information model or asset information model. It details the implementation of the concepts in ISO 19650-1 and is applicable to any information exchange within the delivery stages covered by ISO 19650-2 and operational trigger events covered by ISO 19650-3. This document is applicable to assets of all sizes and all levels of complexity. This includes portfolios of buildings, campuses, infrastructure networks, individual buildings and pieces of infrastructure. The requirements in this document should be applied in a way that is appropriate to the scale and complexity of the asset. This document makes use of the phrase “shall consider”. This phrase is used to introduce a list of items that the person in question is required to think about carefully in connection with the primary requirement described in the subclause. The amount of thought involved, the time taken to complete it, and the need for supporting evidence depend on the complexity of the asset, the experience of the person(s) involved, and the requirements of any national policy on introducing building information modelling. On a relatively small or straightforward asset, it can be possible to complete, or dismiss as not relevant, some of these “shall consider” items very quickly. One way to help identify which of the “shall consider” statements are relevant can be to review each statement and create templates for assets of different sizes and complexity.

Keel: en
Alusdokumendid: ISO 19650-4:2022; EN ISO 19650-4:2022

EVS-EN ISO 29768:2022

Thermal insulating products for building applications - Determination of linear dimensions of test specimens (ISO 29768:2022)

This document specifies the characteristics and choice of measuring equipment and the procedure for determining the linear dimensions of test specimens that are taken from thermal insulating products. The procedures for measuring the dimensions of full-size products are specified in ISO 29465 and ISO 29466.

Keel: en
Alusdokumendid: ISO 29768:2022; EN ISO 29768:2022
Asendab dokumenti: EVS-EN 12085:2013

EVS-HD 60364-5-53:2022

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparatuur
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

See standardisarja HD 60364 osa käsitleb turvalahutamise, lülitamise, juhtimise ja seire üldnõudeid koos nende funktsioonide täitmiseks ettenähtavate aparaatide valiku ja paigaldamise nõuetega.

Keel: en, et
Alusdokumendid: HD 60364-5-53:2022; HD 60364-5-53:2022/AC:2022-08
Asendab dokumenti: EVS-HD 60364-5-53:2015
Asendab dokumenti: EVS-HD 60364-5-53:2015/A11:2017
Asendab dokumenti: EVS-HD 60364-5-53:2015+A11:2017
Asendab dokumenti: EVS-HD 60364-5-534:2016
Asendab dokumenti: EVS-HD 60364-5-537:2016
Asendab dokumenti: EVS-HD 60364-5-537:2016/A11:2017
Asendab dokumenti: EVS-HD 60364-5-537:2016+A11:2017

93 RAJATISED

EVS-EN ISO 19650-4:2022

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO 19650-4:2022)

This document specifies the detailed process and criteria for decision makings when executing an information exchange as specified by the ISO 19650 series to ensure the quality of the resulting project information model or asset information model. It details the implementation of the concepts in ISO 19650-1 and is applicable to any information exchange within the delivery stages covered by ISO 19650-2 and operational trigger events covered by ISO 19650-3. This document is applicable to assets of all sizes and all levels of complexity. This includes portfolios of buildings, campuses, infrastructure networks, individual buildings and pieces of infrastructure. The requirements in this document should be applied in a way that is appropriate to the scale and complexity of the asset. This document makes use of the phrase “shall consider”. This phrase is used to introduce a list of items that the person in question is required to think about carefully in connection with the primary requirement described in the subclause. The amount of thought involved, the time taken to complete it, and the need for supporting evidence depend on the complexity of the asset, the experience of the person(s) involved, and the requirements of any national policy on introducing building information modelling. On a relatively small or straightforward asset, it can be possible to complete, or dismiss as not relevant, some of these “shall consider” items very quickly. One way to help identify which of the “shall consider” statements are relevant can be to review each statement and create templates for assets of different sizes and complexity.

Keel: en
Alusdokumendid: ISO 19650-4:2022; EN ISO 19650-4:2022

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 12193:2019/AC:2022

Valgus ja valgustus. Spordivalgustus
Light and lighting - Sports lighting

Standardi EVS-EN 12193:2019 parandus

Keel: et
Parandab dokumenti: EVS-EN 12193:2019

EVS-EN 60335-2-30:2010/A13:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumiküttеseadmetele
Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

Amendment to EN 60335-2-30:2009

Keel: en
Alusdokumendid: EN 60335-2-30:2009/A13:2022
Muudab dokumenti: EVS-EN 60335-2-30:2010
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1+A12:2020

EVS-EN 60335-2-30:2010/A2:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumiküttеseadmetele
Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

This European Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also deals with the safety of electric heaters intended for the heating of driver and passenger compartments of motor vehicles when they are stationary, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-30:2009/A2:2021; EN 60335-2-30:2009/A2:2022
Muudab dokumenti: EVS-EN 60335-2-30:2010
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020
Muudab dokumenti: EVS-EN 60335-2-30:2010+A11+A1+A12:2020

EVS-EN 60335-2-30:2010+A11+A1+A12+A2+A13:2022

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

Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters (IEC 60335-2-30:2009 + IEC 60335-2-30:2009/A1:2016, modified + IEC 60335-2-30:2009/A2:2021)

This clause of Part 1 is replaced by the following. This European Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also deals with the safety of electric heaters intended for the heating of driver and passenger compartments of motor vehicles when they are stationary, their rated voltage being not more than 250 V. NOTE Z101 Examples of appliances that are within the scope of this standard are – convector heaters; – fan heaters; – heaters for use in greenhouses; – liquid-filled radiators; – panel heaters; – radiant heaters; – tubular heaters; – ceiling mounted heat lamp appliances. – cab heaters; For extraction fans of ceiling mounted heat lamp appliances, EN 60335-2-80 is applicable as far as is reasonable. Appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this standard. NOTE Z102 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: – in shops and other similar working environments; – in farm houses; – by clients in hotels, motels and other residential type environments; – in bed and breakfast type environments. NOTE Z103 Household environments include the dwelling and its associated buildings, the garden, etc. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: • children playing with the appliance; • the use of the appliance by very young children; • the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this European Standard. NOTE Z104 Attention is drawn to the fact that – for appliances intended to be used in moving vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities; – for appliances intended to be used in the presence of combustible dust, for example in barns or stables, additional requirements may be necessary. NOTE Z105 This European Standard does not apply to – appliances intended exclusively for industrial purposes; – appliances intended to be used where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – heaters that are built into air conditioners (EN 60335-2-40); – clothes dryers and towel rails (EN 60335-2-43); – heaters for saunas (EN 60335-2-53); – thermal-storage room heaters (EN 60335-2-61); – heating appliances for breeding and rearing animals (EN 60335-2-71); – foot warmers and heating mats (EN 60335-2-81); – flexible sheet heating elements for room heating (EN 60335-2-96); – heated carpets; – central heating systems; – heating cables (IEC 60800). – heaters intended for the heating of caravans.

Keel: en
Alusdokumendid: IEC 60335-2-30:2009; EN 60335-2-30:2009; EN 60335-2-30:2009/Corr:2010; EN 60335-2-30:2009/A11:2012; EN 60335-2-30:2009/AC:2014; EN 60335-2-30:2009/A12:2020; IEC 60335-2-30:2009/A1:2016; EN 60335-2-30:2009/A1:2020; IEC 60335-2-30:2009/A2:2021; EN 60335-2-30:2009/A2:2022; EN 60335-2-30:2009/A13:2022
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A1:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A11:2012
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A12:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A13:2022
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/A2:2022
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2010
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010/AC:2015
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010+A11+A1:2020
Konsolideerib dokumenti: EVS-EN 60335-2-30:2010+A11+A1+A12:2020

EVS-EN IEC 60598-2-18:2022

Luminaires - Part 2-18: Particular requirements - Luminaires for swimming pools and similar applications

This part of IEC 60598 specifies requirements for fixed luminaires intended for use in the water, or in contact with the water, in, for example, the basins of swimming pools, fountains, paddling pools, and garden pools, for use with electric light sources. NOTE Electrical installation rules for swimming pools are given in IEC 60364-7-702. This document does not cover luminaires not in contact with the water (e.g. mounted behind a glass panel which is separate from the luminaire) or hand-held or portable luminaires.

Keel: en
Alusdokumendid: EN IEC 60598-2-18:2022; IEC 60598-2-18:2022
Asendab dokumenti: EVS-EN 60598-2-18:2003
Asendab dokumenti: EVS-EN 60598-2-18:2003/A1:2012

EVS-EN IEC 61855:2022

Household and similar use electrical hair care appliances - Methods for measuring the performance

IEC 61855:2022 applies to electrical appliances for household and similar use for drying and styling hair (including their accessories). This document defines the main performance characteristics that are of interest to the user and specifies methods of measuring these characteristics. Appliances to which this document applies include: – Hair dryers; – Hair curlers; – Hair straighteners. This document does not specify the requirements for performance. This document does not deal with safety requirements (IEC 60335-2-23). This document does not apply to electric hair clippers or trimmers. This second edition cancels and replaces the first edition published in 2003. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the definitions of hair dryers, hair curlers and hair straighteners

are updated; b) the measurement of temperature profile of the outlet air of hair dryers is added; c) the measurement of temperature profile of the whole work area of hair curlers is added; d) the measurement of temperature profile of the heating plate of hair straighteners is added; e) the measurement method for air flow of hair dryers is introduced; f) the measurement method for anion emission concentration of anion hair dryers is introduced; g) the measurement method for tension of hair straighteners is introduced; h) the service life test for hair dryers, hair curlers and hair straighteners is introduced.

Keel: en
Alusdokumendid: IEC 61855:2022; EN IEC 61855:2022
Asendab dokumenti: EVS-EN 61855:2003

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13888:2009
Grout for tiles - Requirements, evaluation of conformity, classification and designation

Keel: en
Alusdokumendid: EN 13888:2009
Asendatud järgmise dokumendiga: EVS-EN 13888-1:2022
Standardi staatus: Kehtetu

EVS-EN ISO 128-3:2020
Technical product documentation - General principles of representation - Part 3: Views, sections and cuts (ISO 128-3:2020)

Keel: en
Alusdokumendid: ISO 128-3:2020; EN ISO 128-3:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 128-3:2022
Standardi staatus: Kehtetu

EVS-EN ISO 9288:2006
Soojusisolatsioon. Soojuskiirgus. Füüsikalised suurused ja määratlused
Thermal insulation - Heat transfer by radiation - Physical quantities and definitions

Keel: et-en
Alusdokumendid: ISO 9288:1989; EN ISO 9288:1996
Asendatud järgmise dokumendiga: EVS-EN ISO 9288:2022
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

CEN/TS 17010:2016
Nanotehnoloogiad. Juhised nanoobjekte iseloomustavate ja neid sisaldavate materjalide mõõtesuurustele
Nanotechnologies - Guidance on measurands for characterising nano-objects and materials that contain them

Keel: en
Alusdokumendid: CEN/TS 17010:2016
Asendatud järgmise dokumendiga: CEN ISO/TS 23302:2022
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 22674:2016
Dentistry - Metallic materials for fixed and removable restorations and appliances (ISO 22674:2016)

Keel: en
Alusdokumendid: ISO 22674:2016; EN ISO 22674:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 22674:2022
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 1366-10:2011+A1:2017
Tehnoseadmete tulepüsivuse katsed. Osa 10: Suitsutõrjesiibrid
Fire resistance tests for service installations - Part 10: Smoke control dampers

Keel: en
Alusdokumendid: EN 1366-10:2011+A1:2017
Asendatud järgmise dokumendiga: EVS-EN 1366-10:2022
Standardi staatus: Kehtetu

EVS-EN 15882-2:2015

Extended application of results from fire resistance tests for service installations - Part 2: Fire dampers

Keel: en
Alusdokumendid: EN 15882-2:2015
Asendatud järgmise dokumendiga: EVS-EN 15882-2:2022
Standardi staatus: Kehtetu

EVS-EN 50399:2011

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

Keel: en
Alusdokumendid: EN 50399:2011
Asendatud järgmise dokumendiga: EVS-EN 50399:2022
Muudetud järgmise dokumendiga: EVS-EN 50399:2011/A1:2016
Standardi staatus: Kehtetu

EVS-EN 50399:2011/A1:2016

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

Keel: en
Alusdokumendid: EN 50399:2011/A1:2016
Asendatud järgmise dokumendiga: EVS-EN 50399:2022
Standardi staatus: Kehtetu

EVS-EN 62676-2-3:2014

Video surveillance systems for use in security applications -- Part 2-3: Video transmission protocols - IP interoperability implementation based on Web services

Keel: en
Alusdokumendid: IEC 62676-2-3:2013; EN 62676-2-3:2014
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 62676-2-31:2019
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 62676-2-32:2019
Standardi staatus: Kehtetu

EVS-EN ISO 6942:2002

Kaitserõivad. Kaitse kuumuse ja tule eest. Katsemeetod soojuskiirgusallikale eksponeeritud materjalide ja materjalikogumite hindamiseks
Protective clothing - Protection against heat and fire - Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat

Keel: en
Alusdokumendid: ISO 6942:2001; EN ISO 6942:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 6942:2022
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO 11664-6:2016

Colorimetry - Part 6: CIEDE2000 Colour-difference formula (ISO/CIE 11664-6:2014)

Keel: en
Alusdokumendid: ISO/CIE 11664-6:2014; EN ISO 11664-6:2016
Asendatud järgmise dokumendiga: EVS-EN ISO/CIE 11664-6:2022
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 15502-2-1:2012+A1:2016

Gaasküttega keskküttekatlad. Osa 2-1: Erinõuded C tüüpi kateldele ja B2, B3 ning B5 tüüpi kateldele nimisoojuskoormusega mitte üle 1 000 kW
Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

Keel: en
Alusdokumendid: EN 15502-2-1:2012+A1:2016
Asendatud järgmise dokumendiga: EVS-EN 15502-2-1:2022
Standardi staatus: Kehtetu

EVS-EN 62282-4-101:2014

Fuel cell technologies - Part 4-101: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) - Safety of electrically powered industrial trucks

Keel: en
Alusdokumendid: IEC 62282-4-101:2014; EN 62282-4-101:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62282-4-101:2022
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50399:2011

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

Keel: en
Alusdokumendid: EN 50399:2011
Asendatud järgmise dokumendiga: EVS-EN 50399:2022
Muudetud järgmise dokumendiga: EVS-EN 50399:2011/A1:2016
Standardi staatus: Kehtetu

EVS-EN 50399:2011/A1:2016

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

Keel: en
Alusdokumendid: EN 50399:2011/A1:2016
Asendatud järgmise dokumendiga: EVS-EN 50399:2022
Standardi staatus: Kehtetu

EVS-EN 60598-2-18:2003

Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications

Keel: en
Alusdokumendid: IEC 60598-2-18:1993; EN 60598-2-18:1994
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-2-18:2022
Muudetud järgmise dokumendiga: EVS-EN 60598-2-18:2003/A1:2012
Standardi staatus: Kehtetu

EVS-EN 60598-2-18:2003/A1:2012

Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications

Keel: en
Alusdokumendid: IEC 60598-2-18:1993/A1:2011; EN 60598-2-18:1994/A1:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-2-18:2022
Standardi staatus: Kehtetu

EVS-EN 60669-2-1:2004

Kohtkindlate majapidamis- ja muude taoliste elektripaigaldiste lülitid. Osa 2: Erinõuded. Jagu 1: Elektronlülitid
Switches for household and similar fixed electrical installations - Part 2: Particular requirements - Section 1: Electronic switches

Keel: en
Alusdokumendid: IEC 60669-2-1:2002; EN 60669-2-1:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 60669-2-1:2022
Muudetud järgmise dokumendiga: EN 60669-2-1:2004/FprA2:2013
Muudetud järgmise dokumendiga: EVS-EN 60669-2-1:2004/A1:2009
Muudetud järgmise dokumendiga: EVS-EN 60669-2-1:2004/A12:2011
Parandatud järgmise dokumendiga: EVS-EN 60669-2-1:2004/AC:2007
Standardi staatus: Kehtetu

EVS-EN 60669-2-1:2004/A1:2009

Kohtkindlate majapidamis- ja muude taoliste elektripaigaldiste lülitid. Osa 2: Erinõuded. Jagu 1: Elektronlülitid
Switches for household and similar fixed electrical installations - Part 2: Particular requirements - Section 1: Electronic switches

Keel: en

Alusdokumendid: IEC 60669-2-1:2002/A1:2008; EN 60669-2-1:2004/A1:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 60669-2-1:2022
Standardi staatus: Kehtetu

EVS-EN 60669-2-1:2004/A12:2011

Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches

Keel: en
Alusdokumendid: EN 60669-2-1:2004/A12:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60669-2-1:2022
Standardi staatus: Kehtetu

EVS-EN 60669-2-1:2004/AC:2007

Kohtkindlate majapidamis- ja muude taoliste elektripaigaldiste lülitid. Osa 2: Erinõuded. Jagu 1: Elektronlülitid
Switches for household and similar fixed electrical installations -- Part 2-1: Particular requirements - Electronic switches

Keel: en
Alusdokumendid: EN 60669-2-1:2004/AC:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60669-2-1:2022
Standardi staatus: Kehtetu

EVS-EN 62271-4:2013

High-voltage switchgear and controlgear -- Part 4: Handling procedures for sulphur hexafluoride (SF6) and its mixtures

Keel: en
Alusdokumendid: IEC 62271-4:2013; EN 62271-4:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 62271-4:2022
Standardi staatus: Kehtetu

EVS-HD 60364-5-53:2015

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

Keel: en, et
Alusdokumendid: HD 60364-5-53:2015
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-53:2015+A11:2017
Muudetud järgmise dokumendiga: EVS-HD 60364-5-53:2015/A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-53:2015/A11:2017

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

Keel: en, et
Alusdokumendid: HD 60364-5-53:2015/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-53:2015+A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-53:2015+A11:2017

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

Keel: en, et
Alusdokumendid: HD 60364-5-53:2015; HD 60364-5-53:2015/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Standardi staatus: Kehtetu

EVS-HD 60364-5-534:2016

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Turvalahutamine, lülitamine ja juhtimine. Jaotis 534: Transientliigpingekaitsevahendid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control - Clause 534: Devices for protection against overvoltages

Keel: en, et
Alusdokumendid: HD 60364-5-534:2016; IEC 60364-5-53:2001/A2:2015
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Standardi staatus: Kehtetu

EVS-HD 60364-5-537:2016

Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching

Keel: en
Alusdokumendid: HD 60364-5-537:2016
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-537:2016+A11:2017
Muudetud järgmise dokumendiga: EVS-HD 60364-5-537:2016/A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-537:2016/A11:2017

Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching

Keel: en
Alusdokumendid: HD 60364-5-537:2016/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-537:2016+A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-537:2016+A11:2017

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid. Jaotis 537: Turvalahutamine ja lülitamine
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching

Keel: en, et
Alusdokumendid: HD 60364-5-537:2016; HD 60364-5-537:2016/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Standardi staatus: Kehtetu

31 ELEKTROONIKA

CLC/TR 50454:2008

Guide for the application of aluminium electrolytic capacitors

Keel: en
Alusdokumendid: CLC/TR 50454:2008
Standardi staatus: Kehtetu

EVS-EN 143001:2005

Blank Detail Specification: Directly heated negative temperature coefficient thermistors (Beads in solid glass or vitreous enamel)

Keel: en
Alusdokumendid: EN 143001:1991
Standardi staatus: Kehtetu

EVS-EN 143002:2005

Blank detail specification: directly heated negative temperature coefficient thermistors (beads in envelopes)

Keel: en
Alusdokumendid: EN 143002:1991
Standardi staatus: Kehtetu

EVS-EN 143003:2005
Blank Detail Specification: Directly heated negative temperature coefficient thermistors (Disk type)

Keel: en
Alusdokumendid: EN 143003:1991
Standardi staatus: Kehtetu

EVS-EN 143004:2005
Blank Detail Specification: Directly heated negative temperature coefficient thermistors (Rod type)

Keel: en
Alusdokumendid: EN 143004:1991
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61726:2015
Cable assemblies, cables, connectors and passive microwave components - Screening attenuation measurement by the reverberation chamber method

Keel: en
Alusdokumendid: EN 61726:2015; IEC 61726:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61726:2022
Standardi staatus: Kehtetu

EVS-EN 61753-089-2:2013
Fibre optic interconnecting devices and passive components - Performance standard - Part 089-2: Non-connectorised single-mode bidirectional OTDR monitoring WWDM devices for Category C - Controlled environment (IEC 61753-089-2:2013)

Keel: en
Alusdokumendid: IEC 61753-089-2:2013; EN 61753-089-2:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61753-089-02:2022
Standardi staatus: Kehtetu

EVS-EN 62077:2016
Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification

Keel: en
Alusdokumendid: IEC 62077:2015; EN 62077:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 62077:2022
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 16072:2015
Intelligent transport systems - ESafety - Pan-European eCall operating requirements

Keel: en
Alusdokumendid: EN 16072:2015
Asendatud järgmise dokumendiga: EVS-EN 16072:2022
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 16072:2015
Intelligent transport systems - ESafety - Pan-European eCall operating requirements

Keel: en
Alusdokumendid: EN 16072:2015
Asendatud järgmise dokumendiga: EVS-EN 16072:2022
Standardi staatus: Kehtetu

73 MÄENDUS JA MAAVARAD

EVS-EN 16306:2013
Natural stone test methods - Determination of resistance of marble to thermal and moisture cycles

Keel: en
Alusdokumendid: EN 16306:2013
Asendatud järgmise dokumendiga: EVS-EN 16306:2022
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 10101-1:2000
Looduslik gaas. Vee määramine Karl Fischeri meetodil. Osa 1: Sissejuhatus
Natural gas - Determination of water by the Karl Fischer method - Part 1: Introduction

Keel: en
Alusdokumendid: ISO 10101-1:1993; EN ISO 10101-1:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 10101-1:2022
Standardi staatus: Kehtetu

EVS-EN ISO 10101-2:2000
Looduslik gaas. Vee määramine Karl Fischeri meetodil. Osa 2: Tiitrimisprotseduur
Natural gas - Determination of water by the Karl Fischer method - Part 2: Titration procedure

Keel: en
Alusdokumendid: ISO 10101-2:1993; EN ISO 10101-2:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 10101-2:2022
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 1978:1999
Vask ja vasesulamid. Vaskkatoodid
Copper and copper alloys - Copper cathodes

Keel: en
Alusdokumendid: EN 1978:1998
Asendatud järgmise dokumendiga: EVS-EN 1978:2022
Standardi staatus: Kehtetu

EVS-EN 24943:2000
Teras ja malm. Vasesisalduse määramine. Leekaatomiabsorptsioon-spektromeetriline meetod
Steel and cast iron - Determination of copper content - Flame atomic absorption spectrometric method

Keel: en
Alusdokumendid: ISO 4943:1985; EN 24943:1990+AC:1991
Asendatud järgmise dokumendiga: EVS-EN ISO 4943:2022
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 12808-1:2008
Grouts for tiles - Part 1: Determination of chemical resistance of reaction resin mortars

Keel: en
Alusdokumendid: EN 12808-1:2008
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

EVS-EN 12808-3:2008
Grouts for tiles - Part 3: Determination of flexural and compressive strength

Keel: en
Alusdokumendid: EN 12808-3:2008
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

EVS-EN 12808-4:2009
Grouts for tiles - Part 4: Determination of shrinkage

Keel: en
Alusdokumendid: EN 12808-4:2009
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Parandatud järgmise dokumendiga: EVS-EN 12808-4:2009/AC:2011
Standardi staatus: Kehtetu

EVS-EN 12808-4:2009/AC:2011
Grouts for tiles - Part 4: Determination of shrinkage

Keel: en
Alusdokumendid: EN 12808-4:2009/AC:2011
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

85 PABERITEHNOLOOGIA

EVS-EN ISO 12625-4:2016
Tissue paper and tissue products - Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption (ISO 12625-4:2016)

Keel: en
Alusdokumendid: ISO 12625-4:2016; EN ISO 12625-4:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 12625-4:2022
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12085:2013
Thermal insulating products for building applications - Determination of linear dimensions of test specimens

Keel: en
Alusdokumendid: EN 12085:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 29768:2022
Standardi staatus: Kehtetu

EVS-EN 12808-1:2008
Grouts for tiles - Part 1: Determination of chemical resistance of reaction resin mortars

Keel: en
Alusdokumendid: EN 12808-1:2008
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

EVS-EN 12808-2:2008
Grouts for tiles - Part 2: Determination of resistance to abrasion

Keel: en
Alusdokumendid: EN 12808-2:2008
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

EVS-EN 12808-3:2008
Grouts for tiles - Part 3: Determination of flexural and compressive strength

Keel: en
Alusdokumendid: EN 12808-3:2008
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

EVS-EN 12808-4:2009
Grouts for tiles - Part 4: Determination of shrinkage

Keel: en
Alusdokumendid: EN 12808-4:2009
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Parandatud järgmise dokumendiga: EVS-EN 12808-4:2009/AC:2011
Standardi staatus: Kehtetu

EVS-EN 12808-4:2009/AC:2011
Grouts for tiles - Part 4: Determination of shrinkage

Keel: en
Alusdokumendid: EN 12808-4:2009/AC:2011
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

EVS-EN 12808-5:2008
Grouts for tiles - Part 5: Determination of water absorption

Keel: en
Alusdokumendid: EN 12808-5:2008
Asendatud järgmise dokumendiga: EVS-EN 13888-2:2022
Standardi staatus: Kehtetu

EVS-EN 1366-10:2011+A1:2017
Tehnoseadmete tulepüsivuse katsed. Osa 10: Suitsutõrjesiibrid
Fire resistance tests for service installations - Part 10: Smoke control dampers

Keel: en
Alusdokumendid: EN 1366-10:2011+A1:2017
Asendatud järgmise dokumendiga: EVS-EN 1366-10:2022
Standardi staatus: Kehtetu

EVS-EN 13888:2009
Grout for tiles - Requirements, evaluation of conformity, classification and designation

Keel: en
Alusdokumendid: EN 13888:2009
Asendatud järgmise dokumendiga: EVS-EN 13888-1:2022
Standardi staatus: Kehtetu

EVS-EN 15502-2-1:2012+A1:2016
Gaasküttega keskküttekatlad. Osa 2-1: Erinõuded C tüüpi kateldele ja B2, B3 ning B5 tüüpi kateldele nimisoojuskoormusega mitte üle 1 000 kW
Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

Keel: en
Alusdokumendid: EN 15502-2-1:2012+A1:2016
Asendatud järgmise dokumendiga: EVS-EN 15502-2-1:2022
Standardi staatus: Kehtetu

EVS-EN 16306:2013
Natural stone test methods - Determination of resistance of marble to thermal and moisture cycles

Keel: en
Alusdokumendid: EN 16306:2013
Asendatud järgmise dokumendiga: EVS-EN 16306:2022
Standardi staatus: Kehtetu

EVS-EN ISO 9288:2006
Soojusisolatsioon. Soojuskiirgus. Füüsikalised suurused ja määratlused
Thermal insulation - Heat transfer by radiation - Physical quantities and definitions

Keel: et-en
Alusdokumendid: ISO 9288:1989; EN ISO 9288:1996
Asendatud järgmise dokumendiga: EVS-EN ISO 9288:2022
Standardi staatus: Kehtetu

EVS-HD 60364-5-53:2015
Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

Keel: en, et
Alusdokumendid: HD 60364-5-53:2015
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-53:2015+A11:2017

Muudetud järgmise dokumendiga: EVS-HD 60364-5-53:2015/A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-53:2015/A11:2017

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

Keel: en, et
Alusdokumendid: HD 60364-5-53:2015/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-53:2015+A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-53:2015+A11:2017

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

Keel: en, et
Alusdokumendid: HD 60364-5-53:2015; HD 60364-5-53:2015/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Standardi staatus: Kehtetu

EVS-HD 60364-5-534:2016

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Turvalahutamine, lülitamine ja juhtimine. Jaotis 534: Transientliigpingekaitsevahendid
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control - Clause 534: Devices for protection against overvoltages

Keel: en, et
Alusdokumendid: HD 60364-5-534:2016; IEC 60364-5-53:2001/A2:2015
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Standardi staatus: Kehtetu

EVS-HD 60364-5-537:2016

Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching

Keel: en
Alusdokumendid: HD 60364-5-537:2016
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-537:2016+A11:2017
Muudetud järgmise dokumendiga: EVS-HD 60364-5-537:2016/A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-537:2016/A11:2017

Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching

Keel: en
Alusdokumendid: HD 60364-5-537:2016/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-5-537:2016+A11:2017
Standardi staatus: Kehtetu

EVS-HD 60364-5-537:2016+A11:2017

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid. Jaotis 537: Turvalahutamine ja lülitamine
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching

Keel: en, et
Alusdokumendid: HD 60364-5-537:2016; HD 60364-5-537:2016/A11:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-5-53:2022

Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 60598-2-18:2003/A1:2012

Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications

Keel: en
Alusdokumendid: IEC 60598-2-18:1993/A1:2011; EN 60598-2-18:1994/A1:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-2-18:2022
Standardi staatus: Kehtetu

EVS-EN 61855:2003

Household electrical hair care appliances - Methods of measuring the performance

Keel: en
Alusdokumendid: IEC 61855:2003; EN 61855:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 61855:2022
Standardi staatus: Kehtetu

EVS-EN 71-9:2005+A1:2007

Mänguasjade ohutus. Osa 9: Orgaanilised keemilised ühendid. Nõuded KONSOLIDEERITUD TEKST
Safety of toys - Part 9: Organic chamical compounds - Requirements CONSOLIDATED TEXT

Keel: en, et
Alusdokumendid: EN 71-9:2005+A1:2007
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) on asjast 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 alljärgnev informatsioon:
• tähis;
• pealkiri;
• käsitlusala;
• keel (en = inglise; et = eesti);
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
• asendusseos, selle olemasolul;
• arvamuste esitamise tähtaeg.

Kavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN IEC 61987-32:2022

Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 32: Lists of properties (LOP) for I/O modules for electronic data exchange

This part of IEC 61987 provides – an operating list of properties (OLOP) for the description of the operating parameters and the collection of requirements for I/O modules and – a device list of properties (DLOP) for the description of a range of I/O module types The structures of the OLOP and the DLOPs correspond to the general structures defined in IEC 61987-11 and agree with the fundamentals for the construction of LOPs defined in IEC 61987-10. Aspects other than the OLOP, needed in different electronic data exchange processes and described in IEC 61987-10 and IEC 61987-11, are published in IEC 61987-92. The locations of the libraries of properties and of blocks used in the LOPs concerned are listed in the Annexes C and D.

Keel: en
Alusdokumendid: prEN IEC 61987-32:2022; 65E/934/CDV

Arvamusküsitluse lõppkuupäev: 01.12.2022

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

EVS-ISO 30401:2019/prA1

Teadmuse juhtimissüsteemid. Nõuded. Muudatus 1
Knowledge management systems — Requirements — Amendment 1

Muudatus standardile ISO 30401:2018.

Keel: en
Alusdokumendid: ISO 30401:2018/Amd 1:2022
Muudab dokumenti: EVS-ISO 30401:2019

Arvamusküsitluse lõppkuupäev: 01.12.2022

07 LOODUS- JA RAKENDUSTEADUSED

EN ISO 18743:2015/prA1

Microbiology of the food chain - Detection of Trichinella larvae in meat by artificial digestion method - Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study (ISO 18743:2015/DAM 1:2022)

Amendment to EN ISO 18743:2015

Keel: en
Alusdokumendid: ISO 18743:2015/DAmd 1; EN ISO 18743:2015/prA1
Muudab dokumenti: EVS-EN ISO 18743:2015

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO 15213-2

Microbiology of the food chain - Horizontal method for the detection and enumeration of Clostridium spp. - Part 2: Enumeration of Clostridium perfringens by colony-count technique (ISO/DIS 15213-2:2022)

This document specifies the enumeration of Clostridium (C.) perfringens by colony-count technique. This part of ISO 15213 is applicable to: - products intended for human consumption; - products intended for animal feeding; - environmental samples in the area of food and feed production, handling, and; - samples from the primary production stage. This technique is intended to be used when the number of colonies sought is expected to be more than 10 per ml or per g of the test sample.

Keel: en
Alusdokumendid: ISO/DIS 15213-2; prEN ISO 15213-2
Asendab dokumenti: EVS-EN ISO 7937:2004

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO 17468

Microbiology of the food chain - Technical requirements and guidance on establishment or revision of a standardized reference method (ISO/DIS 17468:2022)

This document gives technical requirements and guidance on the establishment or revision of standardized reference methods used for the analysis of microorganisms in: — products intended for human consumption; — products for feeding of animals; — environmental samples in the area of food and feed production and handling; — samples from the primary production stage. This document defines the technical stages of the establishment of a new standardized reference method and of the revision of an existing standardized reference method. It includes, in particular, requirements and guidance on the validation of the selected method. This document is intended to be implemented in particular by ISO/TC 34/SC 9 and its corresponding structure at CEN level, which is CEN/TC 463.

Keel: en
Alusdokumendid: ISO/DIS 17468; prEN ISO 17468
Asendab dokumenti: EVS-EN ISO 17468:2016

Arvamusküsitluse lõppkuupäev: 01.12.2022

11 TERVISEHOOLDUS

prEN ISO 14630

Non-active surgical implants - General requirements (ISO/DIS 14630:2022)

This document specifies general requirements for non-active surgical implants, hereafter referred to as implants. This document is not applicable to dental implants, dental restorative materials, transendodontic and transradicular implants, intra-ocular lenses, the viable animal or human tissue components of implants containing viable animal or human tissue and implants intended to remain in place for less than 30 days after being implanted. With regard to safety, this document specifies requirements for intended performance, design attributes, materials, design evaluation, manufacture, sterilization, packaging and information supplied by the manufacturer, and tests to demonstrate compliance with these requirements. Additional requirements applicable to specific implants or implant families are given or referred to in Level 2 and Level 3 standards. NOTE 1 This document does not require that the manufacturer have a quality management system in place. However, many regulatory authorities require the application of a quality management system, such as that described in ISO 13485, to ensure that the implant achieves its intended performance and safety. NOTE 2 In this document, when not otherwise specified, the term "implant" refers to each individual component of a system or a modular implant, provided separately or as a set of components, as well as to all ancillary implants or associated implants designed for improving the intended performance.

Keel: en
Alusdokumendid: ISO/DIS 14630; prEN ISO 14630
Asendab dokumenti: EVS-EN ISO 14630:2012

Arvamusküsitluse lõppkuupäev: 01.12.2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 17899

Water quality - Spectrophotometric determination of chlorophyll-a content by ethanol extraction for the routine monitoring of water quality

This document describes a spectrophotometric method for determining the chlorophyll-a content as a measure of the amount of phytoplankton for all types of water. Assuming a maximum sample volume of 2 l, chlorophyll-a content values of 5 µg/l or more can be determined. The determination limit can be calculated by each lab individually and it can be as low as 0,5 µg/l using 2 l of sample (or even more) and a 50 mm cuvette.

Keel: en
Alusdokumendid: prEN 17899

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN IEC 62676-5-1:2022

Video surveillance systems for use in security applications - Part 5-1: Data specifications and image quality performance for camera devices - Environmental test methods for image quality performance

This standard is an extension of IEC 62676-5 which defines measuring methods for performance values of video surveillance camera equipment and defines image quality tests under the given temperature and humidity environment. This standard is mainly targeting cameras with integrated lenses as the lenses is a major component that may impact the results. If the lens is selectable, the lens shall be stated together with the results.

Keel: en
Alusdokumendid: prEN IEC 62676-5-1:2022; 79/670/CDV

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO 19238

Radiological protection - Performance criteria for service laboratories performing biological dosimetry by cytogenetics - The dicentric assay (ISO/DIS 19238:2022)

This document provides criteria for quality assurance and quality control, evaluation of the performance, and the accreditation of biological dosimetry by cytogenetic service laboratories using the dicentric assay performed with manual scoring. This document addresses a) the confidentiality of personal information, for the requestor and the service laboratory, b) the laboratory safety requirements, c) the calibration sources and calibration dose ranges useful for establishing the reference dose-effect curves that contribute to the dose estimation from unstable chromosome aberration frequency and the detection limit, d) the scoring procedure for unstable chromosome aberrations used for biological dosimetry, e) the criteria for converting a measured aberration frequency into an estimate of absorbed dose, f) the reporting of results, g) the quality assurance and quality control, h) informative annexes containing sample instructions for requestor, sample questionnaire, sample report, fitting of the low dose-response curve by the method of maximum likelihood and calculating the error of the dose estimate, odds ratio method for cases of suspected exposure to a low dose, a sample calculation and sample data sheet for recording aberrations.

Keel: en
Alusdokumendid: ISO/DIS 19238; prEN ISO 19238
Asendab dokumenti: EVS-EN ISO 19238:2017

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO 5667-1

Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO/FDIS 5667-1:2022)

This document sets out the general principles for, and provides guidance on, the design of sampling programmes and sampling techniques for all aspects of sampling of water (including waste waters, sludges, effluents, suspended solids and sediments). It does not include detailed instructions for specific sampling situations, which are covered in the various other parts of ISO 5667 and in ISO 19458.

Keel: en
Alusdokumendid: ISO/FDIS 5667-1; prEN ISO 5667-1
Asendab dokumenti: EVS-EN ISO 5667-1:2022

Arvamusküsitluse lõppkuupäev: 01.12.2022

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 10534-2

Acoustics - Determination of acoustic properties in impedance tubes - Part 2: Two-microphone technique for normal sound absorption coefficient and normal surface impedance (ISO/DIS 10534-2:2022)

This test method covers the use of an impedance tube, two microphone locations and a frequency analysis system for the determination of the sound absorption coefficient of sound absorbing materials for normal sound incidence. It can also be applied for the determination of the acoustical surface impedance or surface admittance of sound absorbing materials. As an extension, it can also be used to assess intrinsic properties of homogeneous acoustical materials such as their characteristic impedance, characteristic wavenumber, dynamic mass density and dynamic bulk modulus. The test method is similar to the test method specified in ISO 10534-1 in that it uses an impedance tube with a sound source connected to one end and the test sample mounted in the tube at the other end. However, the measurement technique is different. In this test method, plane waves are generated in a tube by a noise source, and the decomposition of the interference field is achieved by the measurement of acoustic pressures at two fixed locations using wall-mounted microphones or an in-tube traversing microphone, and subsequent calculation of the complex acoustic transfer function and quantities reported in the previous paragraph. The test method is intended to provide an alternative, and generally much faster, measurement technique than that of ISO 10534-1. Normal incidence absorption coefficients coming from impedance tube measurements are not comparable with random incidence absorption coefficients measured in reverberation rooms according to ISO 354. The reverberation room method will (under ideal conditions) determine the sound absorption coefficient for diffuse sound incidence. However, the reverberation room method requires test specimens which are rather large. The impedance tube method is limited to studies at normal and plane incidence and requires samples of the test object which are of the same size as the cross-section of the impedance tube. For materials that are locally reacting only, diffuse incidence sound absorption coefficients can be estimated from measurement results obtained by the impedance tube method (see Annex E).

Keel: en
Alusdokumendid: ISO/DIS 10534-2; prEN ISO 10534-2
Asendab dokumenti: EVS-EN ISO 10534-2:2002

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO 19238

Radiological protection - Performance criteria for service laboratories performing biological dosimetry by cytogenetics - The dicentric assay (ISO/DIS 19238:2022)

This document provides criteria for quality assurance and quality control, evaluation of the performance, and the accreditation of biological dosimetry by cytogenetic service laboratories using the dicentric assay performed with manual scoring. This document addresses a) the confidentiality of personal information, for the requestor and the service laboratory, b) the laboratory safety requirements, c) the calibration sources and calibration dose ranges useful for establishing the reference dose-effect curves that contribute to the dose estimation from unstable chromosome aberration frequency and the detection limit, d) the scoring procedure for unstable chromosome aberrations used for biological dosimetry, e) the criteria for converting a measured aberration frequency into an estimate of absorbed dose, f) the reporting of results, g) the quality assurance and quality control, h) informative annexes containing sample instructions for requestor, sample questionnaire, sample report, fitting of the low dose-response curve by the method of maximum likelihood and calculating the error of the dose estimate, odds ratio method for cases of suspected exposure to a low dose, a sample calculation and sample data sheet for recording aberrations.

Keel: en
Alusdokumendid: ISO/DIS 19238; prEN ISO 19238
Asendab dokumenti: EVS-EN ISO 19238:2017

Arvamusküsitluse lõppkuupäev: 01.12.2022

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN ISO 5210:2017/prA1

Industrial valves - Multi-turn valve actuator attachments - Amendment 1 (ISO 5210:2017/DAM 1:2022)

Amendment to EN ISO 5210:2017

Keel: en
Alusdokumendid: ISO 5210:2017/DAmd 1; EN ISO 5210:2017/prA1
Muudab dokumenti: EVS-EN ISO 5210:2017

Arvamusküsitluse lõppkuupäev: 01.12.2022

EN ISO 5211:2017/prA1

Industrial valves - Part-turn actuator attachments - Amendment 1 (ISO 5211:2017/DAM 1:2022)

Amendment to EN ISO 5211:2017

Keel: en
Alusdokumendid: ISO 5211:2017/DAmd 1; EN ISO 5211:2017/prA1
Muudab dokumenti: EVS-EN ISO 5211:2017

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 13121-3

GRP tanks and vessels for use above ground - Part 3: Design and workmanship

This European Standard gives requirements for the design, fabrication, inspection, testing and verification of GRP tanks and vessels with or without thermoplastics lining for storage or processing of fluids, factory made or site built, non-pressurized or pressurized up to 10 bar, for use above ground. Further requirements are presented in normative Annex G. The terms vessels and tanks as used in this part of EN 13121 include branches up to the point of connection to pipe work or other equipment by bolting and supports, brackets or other attachments bonded directly to the shell. This part of EN 13121 covers vessels and tanks subject to temperatures between - 40 °C and 120 °C. Excluded from this part of EN 13121 are: - tanks and vessels for the transport of fluids; - underground storage tanks; - spherical vessels; - vessels and tanks of irregular shape; - tanks and vessels with double containment where the double wall is considered structural; - tanks and vessels which are subject to the risk of explosion, or failure of which may cause an emission of radioactivity; - specification for fibre reinforced cisterns of one piece and sectional construction for the storage, above ground, of cold water (see EN 13280).

Keel: en
Alusdokumendid: prEN 13121-3
Asendab dokumenti: EVS-EN 13121-3:2016

Arvamusküsitluse lõppkuupäev: 01.12.2022

25 TOOTMISTEHNOLOOGIA

prEN IEC 61987-32:2022

Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 32: Lists of properties (LOP) for I/O modules for electronic data exchange

This part of IEC 61987 provides – an operating list of properties (OLOP) for the description of the operating parameters and the collection of requirements for I/O modules and – a device list of properties (DLOP) for the description of a range of I/O module types The structures of the OLOP and the DLOPs correspond to the general structures defined in IEC 61987-11 and agree with the fundamentals for the construction of LOPs defined in IEC 61987-10. Aspects other than the OLOP, needed in different electronic data exchange processes and described in IEC 61987-10 and IEC 61987-11, are published in IEC 61987-92. The locations of the libraries of properties and of blocks used in the LOPs concerned are listed in the Annexes C and D.

Keel: en
Alusdokumendid: prEN IEC 61987-32:2022; 65E/934/CDV

Arvamusküsitluse lõppkuupäev: 01.12.2022

29 ELEKTROTEHNIKA

prEN IEC 60061-PR2022-1:2022

Lamp caps and holders together with gauges for the control of interchangeability and safety - Proposal for GJ6.6 fit holder spacing sheet

Amendment to EN 60061-1:1993 - Proposal for GJ6.6 fit holder spacing sheet

Keel: en
Alusdokumendid: prEN IEC 60061-PR2022-1:2022; 34B/2153/CDV
Muudab dokumenti: EVS-EN 60061-1:2001+A49:2013

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN IEC 60061-PR2022-2:2022

Lamp caps and holders together with gauges for the control of interchangeability and safety - Proposal for correction of 7006-187B-2

Proposal for correction of 7006-187B-2

Keel: en
Alusdokumendid: prEN IEC 60061-PR2022-2:2022; 34B/2154/CDV
Muudab dokumenti: EVS-EN 60061-1:2001+A49:2013

Arvamusküsitluse lõppkuupäev: 01.12.2022

35 INFOTEHNOLOOGIA

prEN 15941

Sustainability of construction works - Data quality for environmental assessment of products and construction works - Selection and use of data

This document supports the data quality assessment and selection of data for product-level Environmental Product Declarations (EPD) according to the core product category rules of EN 15804 and for the environmental performance assessment of buildings according to prEN 15978 1 in a consistent way. It can also be used to assess and select data for the environmental assessment of civil engineering works. It defines data quality requirements with respect to temporal, technological and geographic representativeness for the data used to calculate the LCA based indicator results of the EPD and for construction works when applying EPD, life cycle inventory data or other LCA based information and generates a hierarchy to support the selection of the most appropriate data with regard to data quality. It also addresses the reporting of data quality at product and building level.

Keel: en
Alusdokumendid: prEN 15941
Asendab dokumenti: CEN/TR 15941:2010

Arvamusküsitluse lõppkuupäev: 01.11.2022

prEN IEC 61987-32:2022

Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 32: Lists of properties (LOP) for I/O modules for electronic data exchange

This part of IEC 61987 provides – an operating list of properties (OLOP) for the description of the operating parameters and the collection of requirements for I/O modules and – a device list of properties (DLOP) for the description of a range of I/O module types The structures of the OLOP and the DLOPs correspond to the general structures defined in IEC 61987-11 and agree with the fundamentals for the construction of LOPs defined in IEC 61987-10. Aspects other than the OLOP, needed in different electronic data exchange processes and described in IEC 61987-10 and IEC 61987-11, are published in IEC 61987-92. The locations of the libraries of properties and of blocks used in the LOPs concerned are listed in the Annexes C and D.

Keel: en
Alusdokumendid: prEN IEC 61987-32:2022; 65E/934/CDV

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO/IEC 19896-1

IT security techniques - Competence requirements for information security testers and evaluators - Part 1: Introduction, concepts and general requirements (ISO/IEC 19896-1:2018)

This document defines terms and establishes an organized set of concepts and relationships to understand the competency requirements for information security assurance conformance-testing and evaluation specialists, thereby establishing a basis for shared understanding of the concepts and principles central to the ISO/IEC 19896 series across its user communities. It provides fundamental information to users of the ISO/IEC 19896 series

Keel: en
Alusdokumendid: ISO/IEC 19896-1:2018; prEN ISO/IEC 19896-1

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO/IEC 19896-2

IT security techniques - Competence requirements for information security testers and evaluators - Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers (ISO/IEC 19896-2:2018)

This document provides the minimum requirements for the knowledge, skills and effectiveness requirements of individuals performing testing activities for a conformance scheme using ISO/IEC 19790:2012 and ISO/IEC 24759

Keel: en
Alusdokumendid: ISO/IEC 19896-2:2018; prEN ISO/IEC 19896-2

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO/IEC 19896-3

IT security techniques - Competence requirements for information security testers and evaluators - Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators (ISO/IEC 19896-3:2018)

This document provides the specialized requirements to demonstrate competence of individuals in performing IT product security evaluations in accordance with ISO/IEC 15408 (all parts) and ISO/IEC 18045.

Keel: en
Alusdokumendid: ISO/IEC 19896-3:2018; prEN ISO/IEC 19896-3

Arvamusküsitluse lõppkuupäev: 01.12.2022

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 4604-006

Aerospace series - Cable, electrical, for signal transmission - Part 006: Cable, coaxial, 50 Ohms, 200 °C, type WM - Product standard

This document specifies the required characteristics of a coaxial cable, 50 Ω, type WM, for use in aircraft electrical systems at operating temperature between -55 °C and 200 °C and specially for high frequency up to 6 GHz. The document encloses also a regular and reinforced cable version (code R) which is used for sensitive systems with controlled VSWR.

Keel: en
Alusdokumendid: prEN 4604-006
Asendab dokumenti: EVS-EN 4604-006:2019
Asendab dokumenti: EVS-EN 4604-006:2019/AC:2020

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 4604-007

Aerospace series - Cable, electrical, for signal transmission - Part 007: Cable, coaxial, 50 Ohms, 200 °C, type WN - Product standard

This document specifies the required characteristics of a coaxial cable, 50 Ω, type WN, for use in aircraft electrical systems at operating temperature between -55 °C and 200 °C and especially for high frequency up to 6 GHz. The document encloses also a regular and reinforced cable version (code R) which is used for sensitive systems with controlled VSWR.

Keel: en
Alusdokumendid: prEN 4604-007
Asendab dokumenti: EVS-EN 4604-007:2019
Asendab dokumenti: EVS-EN 4604-007:2019/AC:2020

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 4641-401

Aerospace series - Cables, optical 125 µm diameter cladding - Part 401: Tight structure bend insensitive 50 µm/125 µm GI fibre nominal, 1,8 mm outside diameter - Product standard

This document specifies the general characteristics, conditions for qualification, acceptance and quality assurance for a fibre optic cable with a bend-insensitive, 50 µm/125 µm Graded Index fibre core, 1,8 mm outside diameter for non-pull-proof contact designs.

Keel: en
Alusdokumendid: prEN 4641-401

Arvamusküsitluse lõppkuupäev: 01.12.2022

71 KEEMILINE TEHNOLOOGIA

prEN 17899

Water quality - Spectrophotometric determination of chlorophyll-a content by ethanol extraction for the routine monitoring of water quality

This document describes a spectrophotometric method for determining the chlorophyll-a content as a measure of the amount of phytoplankton for all types of water. Assuming a maximum sample volume of 2 l, chlorophyll-a content values of 5 µg/l or more can be determined. The determination limit can be calculated by each lab individually and it can be as low as 0,5 µg/l using 2 l of sample (or even more) and a 50 mm cuvette.

Keel: en
Alusdokumendid: prEN 17899

Arvamusküsitluse lõppkuupäev: 01.12.2022

79 PUIDUTEHNOLOOGIA

EN ISO 12460-3:2020/prA1

Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method - Amendment 1: Laser spectroscopy (ISO 12460-3:2020/DAM 1:2022)

This document specifies a procedure for determination of accelerated formaldehyde release from uncoated and coated wood-based panels using the gas analysis method. The procedure is also suitable for the testing of other materials (e.g. edge bands, floor coverings, foams, foils, laminated wood products, veneered wood products, coated wood products).

Keel: en
Alusdokumendid: ISO 12460-3:2020/DAmd 1; EN ISO 12460-3:2020/prA1
Muudab dokumenti: EVS-EN ISO 12460-3:2020

Arvamusküsitluse lõppkuupäev: 01.12.2022

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 22553-10

Paints and varnishes - Electro-deposition coatings - Part 10: Edge protection (ISO 22553-10:2022)

This document specifies a test method for the evaluation of protection against corrosion of edges and stamping burrs by electro-deposition coatings. It applies to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en
Alusdokumendid: ISO 22553-10:2022; prEN ISO 22553-10

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO 3262-2

Extenders for paints - Specifications and methods of test - Part 2: Barytes (natural barium sulfate) (ISO/DIS 3262-2:2022)

This document specifies requirements and corresponding methods of test for barite (natural barium sulfate).

Keel: en
Alusdokumendid: ISO/DIS 3262-2; prEN ISO 3262-2
Asendab dokumenti: EVS-EN ISO 3262-2:2000

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN ISO 3262-3

Extenders for paints - Specifications and methods of test - Part 3: Blanc fixe (ISO/DIS 3262-3:2022)

This document specifies requirements and corresponding methods of test for blanc fixe.

Keel: en

Alusdokumendid: ISO/DIS 3262-3; prEN ISO 3262-3
Asendab dokumenti: EVS-EN ISO 3262-3:2000

Arvamusküsitluse lõppkuupäev: 01.12.2022

91 EHITUSMATERJALID JA EHITUS

prEN 15941

Sustainability of construction works - Data quality for environmental assessment of products and construction works - Selection and use of data

This document supports the data quality assessment and selection of data for product-level Environmental Product Declarations (EPD) according to the core product category rules of EN 15804 and for the environmental performance assessment of buildings according to prEN 15978 1 in a consistent way. It can also be used to assess and select data for the environmental assessment of civil engineering works. It defines data quality requirements with respect to temporal, technological and geographic representativeness for the data used to calculate the LCA based indicator results of the EPD and for construction works when applying EPD, life cycle inventory data or other LCA based information and generates a hierarchy to support the selection of the most appropriate data with regard to data quality. It also addresses the reporting of data quality at product and building level.

Keel: en
Alusdokumendid: prEN 15941
Asendab dokumenti: CEN/TR 15941:2010

Arvamusküsitluse lõppkuupäev: 01.11.2022

prEN 17887-1

Thermal performance of buildings - In situ testing of completed buildings - Part 1: Data collection for aggregate heat loss test

This document specifies a test method for the in situ measurement of the thermal performance of buildings, both newly built and existing. This document specifies the data to be collected during and after the test. NOTE The analysis of the data and the reporting format for the analysis are referred to in prEN 17887-2:2022 Thermal performance of buildings - In situ testing of completed buildings - Part 2: Steady-state data analysis for aggregate heat loss test. This document is applicable to domestic scale detached buildings and attached domestic scale buildings, such as semi-detached houses, terraced houses and apartments.

Keel: en
Alusdokumendid: prEN 17887-1

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 17887-2

Thermal performance of buildings - In situ testing of completed buildings - Part 2: Steady-state data analysis for aggregate heat loss test

This document specifies the steady-state data analysis methods to evaluate the data from ‘the aggregate heat loss test’. These analysis methods enable the actual in situ aggregate heat loss (building heat transfer coefficient) to be estimated. NOTE The aggregate heat loss method is specified in prEN 17887-1:2022 Thermal performance of buildings - In-situ testing of completed buildings - Part 1: Data collection for aggregate heat loss test.

Keel: en
Alusdokumendid: prEN 17887-2

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 17888-1

Thermal performance of buildings - In situ testing of building test structures - Part 1: Data collection for aggregate heat loss test

This document specifies a test method for the in situ testing of the thermal performance of building structures especially built for the purpose of the test. This document also specifies the apparatus to be used and the measurement procedures to collect the data and the reporting format for the apparatus including the building test structure and the test conditions. NOTE The analysis of the data and the reporting format for the analysis are referred to in prEN 17888-2. This document does not apply to: - existing buildings; - building structures allowing direct solar gains through glazing surfaces; - the determination of the thermal performance of a specific building product, material, component or element.

Keel: en
Alusdokumendid: prEN 17888-1

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 17888-2

Thermal performance of buildings - In situ testing of building test structures - Part 2: Steady-state data analysis for aggregate heat loss test

This document specifies the steady-state data analysis methods to evaluate the data from ‘the aggregate heat loss test method’. These analysis methods enable the actual in situ aggregate heat loss (building heat transfer coefficient) to be estimated. NOTE The aggregate heat loss method is specified in prEN 17888-1:2022, Thermal performance of buildings - In situ testing of building test structures - Part 1: Data collection for aggregate heat loss test.

Keel: en
Alusdokumendid: prEN 17888-2

Arvamusküsitluse lõppkuupäev: 01.12.2022

93 RAJATISED

prEN 13231-1

Railway applications - Infrastructure - Acceptance of works - Part 1: Works on ballasted track - Plain line, switches and crossings

This document specifies technical requirements and tolerances for the acceptance of works on ballasted track situated on - plain line, - switches and crossings and - rail expansion devices as part of the track for 1 435 mm and wider track gauge railways. The works on ballasted track, hereinafter referred to as track works, concern construction of new track, track renewal and track maintenance. This document specifies the requirements for subsoil works, relative track geometry, absolute track position, working parameters of on track machines, track components, ballast cross section, structure gauge, stressing work, specific measurements and quality checks for switches and crossings and rail expansion devices and for the measuring systems used to perform measurements, verifications and checks for the scope of acceptance. Requirements for responsibilities and documentation necessary for the acceptance of track works are specified. This document also requires compliance of all track materials with the customer's relevant acceptance criteria and specifications provided by the supplier. This document does not cover works related to reprofiling the railhead or the associated measurements, except for some measurements related to safety, as these works are covered by other parts of EN 13231 series. Platform reconstruction works and level crossing works are not covered by this document. This document does not apply to Urban Rail Systems or ballastless track.

Keel: en
Alusdokumendid: prEN 13231-1
Asendab dokumenti: EVS-EN 13231-1:2013

Arvamusküsitluse lõppkuupäev: 01.12.2022

97 OLME. MEELELAHUTUS. SPORT

EN IEC 62885-4:2020/prA1:2022

Surface cleaning appliances - Part 4: Cordless dry vacuum cleaners for household or similar use - Methods for measuring the performance

Amendment to EN IEC 62885-4:2020

Keel: en
Alusdokumendid: EN IEC 62885-4:2020/prA1:2022; 59F/447/CDV

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 747-1

Furniture - Bunk beds and high beds - Part 1: Safety, strength and durability requirements

This document specifies requirements for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use. It applies to bunk beds and high beds with an internal length greater than 1 400 mm and a maximum bed base width of 1 200 mm, and with the upper surface of a bed base of 600 mm or more above the floor. Safety requirements for other products included in a bunk bed/high bed, for example a table or storage furniture, are not included in this document. This document does not apply to bunk beds and high beds used for special purposes, including but not limited to prisons, the military and fire brigades. The document contains one annex: - Annex A (informative) - Rationales.

Keel: en
Alusdokumendid: prEN 747-1
Asendab dokumenti: EVS-EN 747-1:2012+A1:2015

Arvamusküsitluse lõppkuupäev: 01.12.2022

prEN 747-2

Furniture - Bunk beds and high beds - Part 2: Test methods

This document specifies test methods for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use. The tests apply to beds with an internal length greater than 1 400 mm and a maximum bed base width of 1 200 mm and with the upper surface of a bed base 600 mm or more above the floor. The tests are designed to be applied to a bed that is fully assembled and ready for use. The applicable safety requirements are given in prEN 747-1:2022.

Keel: en
Alusdokumendid: prEN 747-2
Asendab dokumenti: EVS-EN 747-2:2012+A1:2015

Arvamusküsitluse lõppkuupäev: 01.12.2022

TÕLKED KOMMENTEERIMISEL

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

Tõlkekavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

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

EVS-EN 1634-2:2008

Ukse-, luugikomplektide ja avatavate akende ning nende suluste tulepüsivuse ja suitsukindluse katsed Osa 2: Tulepüsivuse hindamiskatsed sulustele

See Euroopa standard määrab kindlaks meetodi, kuidas hinnata suluste mõju tulepüsivusele, mis on ette nähtud hingedega või pöördtelgedega vertikaalse paigaldusega tuletõkkeustele (ühe või kahe lehega) või vertikaalselt paigaldatud avatavatele akendele, mille tulepüsivuse terviklikkuse (ja vajaduse korral isolatsioonivõime) toimivus vastavalt standardile EN 1634-1on kuni 240 minutit. See standard kehtib hingedega ja pöördtelgedega ustel ning avatavatel akendel kasutatavate suluste katsetamise kohta, mis hõlmavad lengiga klaasitud uksi ja aknaid, kuid mitte klaasuksi. See standard ei hõlma vastupidavuse või muude toimivusnäitajate katsetamist, mida tuleks hinnata suluste tootestandardi või standardi EN 14600 kohaselt. Meetod sobib suluste hindamiseks, mis on mõeldud kasutamiseks mittemetallist ukse- või aknasõlmedel, mis koosnevad tselluloosmaterjalidest või tselluloosmaterjalidega kaetud mineraalplaatidest, mis on kinnitatud kas tselluloos-, mineraalsüdamikuga või metall lengidesse: või tavalistel, materjali paksusega mitte üle 1,5 mm terasplekist valmistatud teras lengiga teras ustel (terasuksed hõlmavad mineraalplaadi või mineraalkiust südamikuga täidetud uksi, kuid mitte terasega kaetud puidust/tselluloosist uksi). Nende sõlmede suurus võib olla nagu on viidatud vastava ukselehe konstruktsiooni otseses kasutusulatuses. See meetod ei ole asjakohane hindamaks suluseid mis on mõeldud kasutamiseks klaasustel või klaasitud ustel millel on dekoratiivne perimeetri raam. Selle katsemeetodi asjakohasuse saab kindlaks teha A lisas esitatud vooskeemi alusel. See Euroopa standard ei puuduta tulepüsivuskatse osas lehele, aknale, lengile, paisuvale tihendile või midagi muule peale valitud suluste. Mis tahes sellest tuleneva otsese kasutusulatuse kasutamine on piiratud lehe ja lengi konstruktsioonidega, mida on edukalt katsetatud vastavalt standardile EN 1634-1. Meetod on välja töötatud eeskätt selleks, et võimaldada hingedega või pöördtelgedega uksekomplektide ja avatavate akende suluste hindamist, kuid meetod sobib ka osade suluste hindamiseks, mis ei ole servapaigaldatavad ja on kasutamiseks lükandustes ja avatavatel akendel.

Keel: et
Alusdokumendid: EN 1634-2:2008

Kommenteerimise lõppkuupäev: 01.11.2022

EVS-EN ISO 13851:2019

Masinate ohutus. Kahekäejuhtimisseadised. Projekteerimise ja valiku põhimõtted (ISO 13851:2019)

Käesolevas dokumendis sätestatakse kahekäejuhtimisseadise ohutusnõuded ja sõltuvus väljundsignaalist, mis tuleneb juhtimise täiturseadise käsitsi aktiveerimisest. Käesolevas dokumendis kirjeldatakse kahekäejuhtimisseadiste peamisi omadusi ohutuse saavutamiseks ja sätestatakse kolme tüüpi funktsionaalsete omaduste kombinatsioonid. Seda ei kohaldata seadiste suhtes, mis on ette nähtud kasutamiseks toimimist võimaldavate seadistena, isetagastuvate juhtimisseadistena või spetsiaalsete juhtimisseadistena. Käesolevas dokumendis ei ole täpsustatud, milliste masinatega kahekäejuhtimisseadiseid tuleb kasutada. Samuti ei täpsustata, millist tüüpi kahekäejuhtimisseadiseid tuleb kasutada konkreetses rakenduses. Lisaks sellele, vaatamata esitatud juhistele, pole täpsustatud nõutavat kaugust kahekäejuhtimisseadise ja ohuala vahel (vt 8.8). Käesolevas dokumendis esitatakse projekteerimisnõuded ja kahekäejuhtimisseadiste valiku juhiseid (riskihindamise alusel), sealhulgas katkestuse vältimiseks, tõrgete vältimiseks ja nõuetele vastavuse kontrollimiseks. MÄRKUS 1 Kahekäejuhtimisseadis pakub kaitset ainult selle seadise kasutajale. MÄRKUS 2 Konkreetsete masinate puhul saab kahekäejuhtimisseadise määratleda sobivaks kaitseseadiseks C-liiki standardis. Kui sellist standardit ei ole või see ei ole asjakohane, vastutab riskihindamise ja sobivate kaitsemeetmete kindlaksmääramise eest masina tootja. Käesolevat dokumenti kohaldatakse kõigi kahekäejuhtimisseadiste suhtes, sõltumata kasutatavast energia liigist, sealhulgas: — kahekäejuhtimisseadite suhtes, mis on paigaldamiseks täielikult kokku pandud; — kahekäejuhtimisseadiste suhtes, mis on kokku pandud masina tootja või integreerija poolt. Käesolevat dokumenti ei kohaldata kahekäejuhtimisseadiste suhtes, mis on valmistatud enne selle dokumendi avaldamise kuupäeva.

Keel: et
Alusdokumendid: ISO 13851:2019; EN ISO 13851:2019

Kommenteerimise lõppkuupäev: 01.11.2022

prEN 14488-3

Torkreetbetooni katsetamine. 3. osa: Kiudarmeeritud tala katsekehade paindetugevused (esmane piirtugevus, maksimaalne tugevus ja jääktugevus)

See dokument sätestab meetodid (A ja B) kivistunud torkreetbetooni katsekehade esmase piirtugevuse, lõpliku tugevuse ja jääktugevuse määramiseks.

Keel: et
Alusdokumendid: prEN 14488-3

Kommenteerimise lõppkuupäev: 01.11.2022

prEN 933-5

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 5: Purustatud terade protsentuaalse sisalduse määramine looduslikus jäme- ja fraktsioneerimata täitematerjalis

See dokument kirjeldab etalonmeetodit, mida kasutatakse tüübikatsetustel ja vaidluste korral looduslike jämetäitematerjalide ja fraktsioneerimata täitematerjalide purustatud terade, täielikult purustatud terade ja täielikult ümardunud terade protsentuaalse sisalduse määramiseks. Teistel eesmärkidel, näiteks tehase tootmisohjel, võib kasutada teisi meetodeid, eeldusel et asjakohane toimiv seos etalonmeetodiga on tõestatud. MÄRKUS 1 Täiendatud katsemeetodite näited võib leida kirjanduse loetelust. Seda dokumenti kasutatakse jämetäitematerjali puhul terasuurusega 4/63 mm. Dokumenti ei kasutata kergtäitematerjalide puhul. MÄRKUS 2 4 mm kuni 20 mm läbimõõduga jämetäitematerjali puhul on purus¬tatud pindadega terade sisaldus seotud voolavusteguriga. Seetõttu võib seda (purustatud pindade) näitajat kasutada seoses standardi EN 933-6 katse¬meetodiga. Jaotis 7.1 kirjeldab menetlust ühest fraktsioonist koosnevate katseproovide jaoks ja jaotis 7.2 kirjeldab menetlust kahest või enamast fraktsioonist koosnevate katseproovide jaoks. Juhised umbes 100 terast koosneva erineva suurusega fraktsioonide hinnangulise massi kohta on toodud teatmelisas A. Katsemenetluse näited ja katseandmete registreerimislehe näide on toodud teatmelisades B ja C.

Keel: et
Alusdokumendid: prEN 933-5

Kommenteerimise lõppkuupäev: 01.11.2022

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 61006:2004

Electrical insulating materials - Methods of test for the determination of the glass transition temperature

Specifies procedures for test methods for the determination of the glass transition temperature of solid electrical insulating materials. They are applicable to amorphous materials or to partially crystalline materials containing amorphous regions which are stable and do not undergo decomposition or sublimation in the glass transition region. Changes from the first edition are as follows: - the standard has been completely revised from an editorial point of view and adapted to the state of the art; - a figure to demonstrate the dynamic mechanical analysis has been introduced.

Keel: en
Alusdokumendid: IEC 61006:2004; EN 61006:2004
Tühistamisküsitluse lõppkuupäev: 01.11.2022

EVS-ISO 9705:2004

Tulekindluse katsed. Täismõõduline ruumikatse pinnamaterjalidele
Fire tests - Full-scale room test for surface products

See rahvusvaheline standard täpsustab katsemeetodit, mis simuleerib ühe avatud uksega väikses ruumis heade ventilatsioonitingimuste juures nurgas algavat tulekahju. Selle meetodi abil saab hinnata pinnakatte panust tulekahju suurenemisse, kasutades kindlat süüteallikat. On määratletud standardne süüteallikas, aga on lubatud ka teised alternatiivid. Tuleks siiski arvestada, et süüteallika tüüp, asend ja soojustootlikkus mõjutavad suuresti tule levikut. See meetod on eriti sobiv toodetele, mida mingil põhjusel ei saa testida väikesemõõdulistes laboratoorsetes tingimustes (näiteks termoplastilised ained, isolatsioonisubstraadi mõju, liitekohad, suure ebaregulaarsusega pinnad). See meetod pole mõeldud toote tulekindluse hindamiseks. Vastavalt käesoleva rahvusvahelise standardi meetodile läbi viidud katse annab andmed tulekahju varasest arengust kuni kuumusest tingitud isesüttimiseni.

Keel: en
Alusdokumendid: ISO 9705:1993
Tühistamisküsitluse lõppkuupäev: 01.11.2022

AVALDATUD EESTIKEELSED STANDARDIPARANDUSED

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

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

EVS-EN 12193:2019/AC:2022
Valgus ja valgustus. Spordivalgustus
Light and lighting - Sports lighting

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 12101-13:2022

Suitsu ja soojuse kontrollsüsteemid. Osa 13: Rõhuvahesüsteemid. Projekteerimis- ja arvutusmeetodid, paigaldus, vastuvõtukatsed, korraline katsetus ja hooldus
Smoke and heat control systems - Part 13: Pressure differential systems (PDS) - Design and calculation methods, installation, acceptance testing, routine testing and maintenance

See dokument käsitleb arvutusmeetodeid, juhiseid ja nõudeid, mis puudutavad rõhuvahesüsteemide projekteerimist, paigaldust, vastuvõtukatseid, korralisi katsetusi ja hooldust. Rõhuvahesüsteemid on kavandatud suitsu leviku tõkestamiseks hoones lekkivate füüsiliste takistuste, nagu uste (avatud või suletud) või muude sarnaselt piiratud avade juures ja püsivate tingimuste säilitamiseks evakuatsiooni- ja juurdepääsuteedel, sõltuvalt rakendusest. See käsitleb süsteeme, mis on ette nähtud evakuatsiooniteede, nt trepikodade, koridoride ja tamburite kaitsmiseks, samuti süsteeme, mis tagavad kaitstud tulekustutusruumi (tugipunkt) päästemeeskonnale. Esitatakse üksikasjad kriitiliste omaduste ja asjakohaste paigalduste kohta. Dokumendis kirjeldatakse kasutuselevõtu protseduure ja vastuvõtukatsete kriteeriumeid, mida on vaja kinnitamaks, et kavandatud lahendus on hoones saavutatud. See dokument toob esile juhised, nõuded ja protseduurid rõhuvahesüsteemide projekteerimiseks hoonetele kõrgusega kuni 60 m. Üle 60 m kõrgustele hoonetele on antud samasugused nõuded (nt tabel 1), kuid vajalikud on täiendavad arvutus- ja kontrollimeetodid. Nõuded seoses selliste meetodite ja kontrolliga on toodud lisas D, kuid need meetodid (nt täiendav matemaatiline analüüs ja/või arvutuslik vedelike dünaamika (Computational Fluid Dynamics, CFD) jäävad selle dokumendi käsitlusalast välja. Samuti on selles dokumendis määratletud korralised katsetused ja hooldusnõuded. Siseriiklike nõuete puudumisel ning eeldatavatel ümbritsevatel keskkonnatingimustel ja välistingimustel peab rõhuvahesüsteem vastama tabelis 1 toodud nõuetele.

EVS-EN 12390-12:2020

Kivistunud betooni katsetamine. Osa 12: Betooni karboniseerumiskindluse määramine. Kiirendatud karboniseerumismeetod
Testing hardened concrete - Part 12: Determination of the carbonation resistance of concrete - Accelerated carbonation method

See dokument kvantifitseerib betooni karboniseerumiskindluse mõõtmise meetodi, kasutades karboniseerumise kiirust suurendavaid katsetingimusi. Pärast eelkonditsioneerimist tehakse katse kontrollitavates vanandamistingimustes, kasutades kõrgendatud süsinikdioksiidi taset. MÄRKUS Referentstingimustes läbiviidav katse kestab vähemalt 112 päeva, mis hõlmab katsekehade minimaalset vanust enne 28-päevast kivistumist vees (ingl curing under water), vähemalt 14-päevast eelkonditsioneerimist ja 70-päevast vanandamist kõrgendatud süsinikdioksiidi tasemel. See meetod ei ole ette nähtud olemasolevate betoonkonstruktsioonide karboniseerumissügavuse määramiseks.

EVS-EN 12390-13:2021

Kivistunud betooni katsetamine. Osa 13: Lõikajadeformatsioonimooduli määramine survekoormusel
Testing hardened concrete - Part 13: Determination of secant modulus of elasticity in compression

See dokument määratleb kas valatud või konstruktsioonist väljalõigatud katsekehade betooni lõikajadeformatsioonimooduli määramise meetodi survekatsel. Katsemeetod võimaldab määrata kahte lõikajadeformatsioonimoodulit: esimese koormamise moodulit EC,0, mida mõõdetakse esmasel koormamisel, ja korduvkoormamise moodulit EC,S, mida mõõdetakse kolmandal koormamise tsüklil. Esitatakse kaks katsemeetodit. Esimene (meetod A) on mõeldud nii esimese koormamise mooduli kui ka korduvkoormamise mooduli määramiseks, teine (meetod B) on mõeldud ainult korduvkoormamise mooduli määramiseks.

EVS-EN 16908:2017+A1:2022

Tsement ja ehituslubi. Toote keskkonnadeklaratsioonid. Standardit EN 15804 täiendavad tootekategooria reeglid
Cement and building lime - Environmental product declarations - Product category rules complementary to EN 15804

The general scope of the core product category rules (PCR) is given in EN 15804:2012+A2:2019, Clause 1. This PCR is primarily intended for the creation of cradle-to-gate EPDs of cement and building lime. In other respects, the scope is as in EN 15804:2012+A2:2019.

EVS-EN 17333-3:2020

Ühekomponentse vahu iseloomustamine. Osa 3: Kasutamine
Characterisation of one component foam - Part 3: Application

See dokument määratleb katsemeetodid ühest survestatud vahumahutist välja lastud niiskuse toimel kõvastuvate, aktiveeritavate isekõvastuvate või vee aurustumise kaudu kuivavate vahtude kasutusomaduste hindamiseks. Selle standardi eesmärk ei ole käsitleda kõiki võimalikke nende kasutamisega seotud ohutusprobleeme. Standardi kasutaja on kohustatud enne kasutamist

rakendama sobivaid ohutus- ja tervisekaitsemeetmeid ning määrama kindlaks õigusnormide kohaldatavuse. Kirjeldatakse järgmisi katsemeetodeid: — Meetod 1 – Lõikeaeg: selles katsemeetodis kirjeldatakse, kuidas määrata aega kõvastumisprotsessis, mil välja lastud vaht muutub lõigatavaks. — Meetod 2 – Kleepuvusaeg: selles katsemeetodis kirjeldatakse, kuidas määrata aega, mil värskelt välja lastud vahu pind muutub nakkevabaks (mitte kleepuvaks). — Meetod 3 – Vuugis püsivus: selles katsemeetodis kirjeldatakse, kuidas hinnata vahu vuugist välja vajumist ja määrata suurim võimalik vuuk, milles välja lastud vaht püsima jääb.

EVS-EN ISO 14050:2020

Keskkonnajuhtimine. Sõnavara
Environmental management - Vocabulary (ISO 14050:2020)

Selles dokumendis määratletakse terminid, mida kasutatakse keskkonnajuhtimissüsteemide valdkonna dokumentides ja kestlikku arengut toetavates vahendites. Need hõlmavad juhtimissüsteeme, auditeerimist ja teisi hindamissüsteeme, teabevahetust, jalajälje uuringuid, kasvuhoonegaaside leevendamist ja kohandumist kliimamuutustega.

EVS-EN ISO 17201-3:2019

Akustika. Lasketiirude müra. Osa 3: Heli leviku arvutamine
Acoustics - Noise from shooting ranges - Part 3: Sound propagation calculations (ISO 17201-3:2019)

Selles dokumendis täpsustatakse meetodid ühe lasu tulistamisheli ekspositsioonitaseme prognoosimiseks antud vastuvõtupunktis. Antakse suunised muude akustiliste indeksite arvutamiseks heli ekspositsioonitaseme põhjal. Prognoos põhineb energiaallika suudmenurgast toimuvast detonatsioonist lähtuva energia jaotumisel ISO 17201-1 määratluse järgi või arvutusel, kasutades ISO 17201-2 väärtusi. See dokument kehtib 20 mm kaliibrist väiksemate relvade või väiksema kui 50 g TNT-ga ekvivalentsete lõhkelaengute korral vahekaugustel, kus tipprõhk, sealhulgas lendkeha heli osakaal, on väiksem kui 1 kPa (154 dB). MÄRKUS Kehtida võivad rangemad riiklikud või muud regulatsioonid.

EVS-HD 60364-5-53:2022

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparatuur
Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

See standardisarja HD 60364 osa käsitleb turvalahutamise, lülitamise, juhtimise ja seire üldnõudeid koos nende funktsioonide täitmiseks ettenähtavate aparaatide valiku ja paigaldamise nõuetega.

EVS-ISO 21505:2022

Projekti-, programmi- ja portfellijuhtimine. Valitsemise juhised
Project, programme and portfolio management -- Guidance on governance (ISO 21505:2017, identical)

See dokument kirjeldab konteksti, milles projektide, programmide ja portfellide valitsemist teostatakse, ning annab juhiseid projektide, programmide ja portfellide valitsemiseks. Seda dokumenti võib kasutada ka projektide, programmide ja portfellide valitsemise toimimise hindamiseks, tagamiseks või tõendamiseks. MÄRKUS Selles dokumendis kasutatakse läbivalt terminit „portfell“ tähenduses „projektide ja programmide portfell“ ning terminit „programm“ tähenduses „vastastikku seotud projektide ja muu seonduva töö programm“. See dokument on mõeldud valitsevatele kogudele ning tippjuhtidele ja -juhtkondade liikmetele, kes mõjutavad, mõjustavad või teevad otsuseid projektide, programmide ja portfellide valitsemise kohta. See on mõeldud ka andmaks juhiseid neile, kes juhivad projekte, programme ja portfelle, nagu omanikud (sponsorid), juhtkomiteed, portfelliomanikud ja projektijuhtimise osakond. Seda saavad kasutada ka projekti-, programmi- ja portfellijuhid, samuti projektide, programmide ja portfellide väljatöötamisse ja teostamisse kaasatud huvipooled. Teiste sellest teemast huvitatute hulka kuuluvad need, kes nõustavad, teavitavad, abistavad või töötavad projektides, programmides ja portfellides.

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.
Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 50303:2001	Rühma II, kategooria I G seadmed, mis on mõeldud säilitama oma funktsionaalsuse maagaasi ja/või kivisöetolmu poolt ohustatud keskkonnas	Rühma I, kategooria M1 seadmed, mis on mõeldud säilitama oma funktsionaalsuse maagaasi ja/või kivisöetolmu poolt ohustatud keskkonnas

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12390-12:2020	Testing hardened concrete - Part 12: Determination of the carbonation resistance of concrete - Accelerated carbonation method	Kivistunud betooni katsetamine. Osa 12: Betooni karboniseerumiskindluse määramine. Kiirendatud karboniseerumismeetod
EVS-EN 12390-13:2021	Testing hardened concrete - Part 13: Determination of secant modulus of elasticity in compression	Kivistunud betooni katsetamine. Osa 13: Lõikajadeformatsioonimooduli määramine survekoormusel
EVS-EN 16908:2017+A1:2022	Cement and building lime - Environmental product declarations - Product category rules complementary to EN 15804	Tsement ja ehituslubi. Toote keskkonnadeklaratsioonid. Standardit EN 15804 täiendavad tootekategooria reeglid
EVS-EN 17333-3:2020	Characterisation of one component foam - Part 3: Application	Ühekomponentse vahu iseloomustamine. Osa 3: Kasutamine
EVS-EN ISO 17201-3:2019	Acoustics - Noise from shooting ranges - Part 3: Sound propagation calculations (ISO 17201-3:2019)	Akustika. Lasketiirude müra. Osa 3: Heli leviku arvutamine

UUED HARMONEERITUD STANDARDID

Toote nõuetele vastavuse seaduse kohaselt avaldab Eesti Standardimis- ja Akrediteerimiskeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtvate Eesti standardite kohta.

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

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

Lisainfo:
https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards

Eesti Standardimis- ja Akrediteerimiskeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2014/34/EL
Plahvatusohtliku keskkonna seadmed ja kaitsesüsteemid
(Komisjoni rakendusotsus (EL) 2022/1668 EL Teataja, 2022/L 251, 29. september 2022)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 15967:2022 Maksimaalse plahvatusrõhu ja gaaside ning aurude rõhu suurenemise maksimaalse kiiruse määramine	28.09.2022	EN 15967:2011	29.03.2024

TAASKEHTESTATAV EESTI STANDARD

43 MAANTEESÕIDUKITE EHITUS

EVS-EN ISO 15118-2:2016

Road vehicles - Vehicle-to-grid communication Interface - Part 2: Network and application protocol requirements (ISO 15118-2:2014)

Keel: en
Alusdokumendid: ISO 15118-2:2014; EN ISO 15118-2:2016

ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/TK 80 „Vesinikutehnoloogiad“ asutamine

Komitee tähis: EVS/TK 80
Komitee nimi: Vesinikutehnoloogiad
Komitee asutamise kuupäev: 26.09.2022
Komitee käsitlusala: Vesiniku tootmise, ladustamise, transpordi, mõõtmise ja kasutamise süsteemide ja seadmete standardimine, sh vesinikutanklad, kütuseelemendid ja elektrolüüserid. Komitee ei käsitle kütuste kvaliteedi ja vesiniku gaasitaristusse segamisega seotud standardeid.
Komitee esimees: Allan Niidu
EVS koordinaator Liis Tambek (liis@evs.ee)