EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

Avaldatud 01.12.2020

EVS TEATAJA

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

ISSN 1406-0698

Ilmub alates 1993. aastast

SISUKORD

ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/PK 72 „Puittaimed haljastuses“ tegevuse lõpetamine

Komitee tähis: EVS/PK 72
Komitee nimi: Puittaimed haljastuses
Komitee lõpetamise kuupäev: 30.11.2020
Komitee käsitlusala: Nelja algupärase standardi koostamine teemal puittaimed haljastuses. Koostatakse termineid ja mõisteid koondav standard, istikute kvaliteedinõudeid, pakendamist ja markeerimist käsitlev standard, kirjeldatakse istutamine ja hooldamine ning kaitse ehitustegevuse ajal.
Lõpetamise põhjus: Projekti valmimine
EVS koordinaator Maarika Uusmaa (maarika@evs.ee)

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO/IEC 17000:2020

Vastavushindamine. Sõnavara ja üldpõhimõtted
Conformity assessment - Vocabulary and general principles (ISO/IEC 17000:2020)

See dokument määratleb üldised terminid ja määratlused vastavushindamiseks (sealhulgas vastavushindamisasutuste akrediteerimiseks) ning vastavushindamise kasutamiseks kaubanduse hõlbustamiseks. Vastavushindamise üldpõhimõtted ja funktsionaalse lähenemisviisi kirjeldus on toodud lisas A. Vastavushindamine toimib koos teiste valdkondadega, nagu näiteks juhtimissüsteemid, metroloogia, standardimine ja statistika. Vastavushindamise piire pole selles dokumendis määratletud.

Keel: et-en
Alusdokumendid: EN ISO/IEC 17000:2020; ISO/IEC 17000:2020
Asendab dokumenti: EVS-EN ISO/IEC 17000:2005

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

CEN/TR 17535:2020

Requirements to connect, access, participate and further develop open global networks and systems, for postal operators and the wider postal sector players

The current and future infrastructure to satisfy the changing needs of citizens in the EU will grant access to wider postal stakeholders, including customers, postal suppliers, supply chain service providers, (i.e. customs, fiscal authorities collecting VAT and related duties, transport providers like airlines or rail road and other transport mode operators, non-profit organisations supporting supply chain traceability, etc.) non-designated economic postal operators (Courier-, Express-, and Parcel delivery operators) that use, or may wish to use products, services and solutions currently restricted to designated operators. This document aims at the provision of a Single Digital Market in Europe is at the focus within CEN, in particular: • maintaining the integrity and independence of the European and worldwide delivery network • no unfair advantage to any group or individual player, and thereby providing a level playing field • clear delineation of the responsibilities and roles of all entities involved • transparent management, control and integration of the postal supply chain as legally described in EU legislation (EU Regulation 2018/644 on cross-border parcel delivery services) • reciprocity of interconnection with other stakeholder networks, as applicable • proper security mechanisms in place to ensure data protection and privacy to provide the necessary implementation guidance of EAD for fiscal duties (VAT et al.), customs and transport security. The current MoU between the UPU and CEN offers the foundation to convert UPU specifications only applicable to designated postal operators into open CEN specifications. The creation of a digital single market has significant implications on cross border commerce and related delivery of merchandise. This document provides the necessary implementation guidance. It is based on be the technical report “Postal Services — Electronic advanced data (EAD) in postal operations compliant to security and customs requirements”. The document is based on the semantic mapping description of information on the characteristics or attributes of Low Value Consignments (LVC) which parties in the digital commercial value chain acrossborders are called upon to handle, compliant to the EU VAT Ecommerce Package as well as the UPU-WCO customs model. It gives guidance by defining the use of unique transport identifiers, unique transaction identifiers and the IOSS VAT Identification number.

Keel: en
Alusdokumendid: CEN/TR 17535:2020

CEN/TR 17536:2020

Requirements for electronic advanced data (EAD) in postal operations, in particular compliant to security and customs requirements

This document provides the semantic mapping description of information on the characteristics or attributes of Low Value Consignments (LVC) which parties in the digital commercial value chain acrossborders are called upon to handle, compliant to the EU VAT Ecommerce Package as well as the UPU-WCO customs model. This document is limited to LVC, the logical definition of an electronic message, which supports the communication of information about postal items with a unique transport unit identifier. While different customs processes apply to LVC (goods ≤ €150), and consignments exceeding an intrinsic value of > €150, this technical specification only applies to LVC. Therefore, it applies to the collection of import duties (VAT) and not to customs fees. The document defines both EDIFACT directory 00A and XML implementations to bridge in a semantic mapping between UPU M33 ITMATT messages and the EU customs data model and its super-reduced data set, that can be used to convey item-level data for use in customs processing applications. The document specifies that the supply of certain attribute values, segments and tags is mandatory (M), whilst the supply of other attributes, segments and tags is specified as optional (O). This document separates the financial, the data-elements and the physical flow of low value consignments. Further it defines the use of unique transport identifiers, unique transaction identifiers and the IOSS VAT Identification number.

Keel: en
Alusdokumendid: CEN/TR 17536:2020

EVS-EN ISO 13143-1:2020

Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to ISO 12813 - Part 1: Test suite structure and test purposes (ISO 13143-1:2020)

This document specifies the test suite structure (TSS) and test purposes (TPs) for evaluating the conformity of on-board equipment (OBE) and roadside equipment (RSE) to ISO 12813. It provides a basis for conformance tests for dedicated short-range communication (DSRC) OBE and RSE to support interoperability between different equipment supplied by different manufacturers. ISO 12813 defines requirements on the compliance check communication (CCC) interface level, but not for the RSE or OBE internal functional behaviour. Consequently, tests regarding OBE and/or RSE functional behaviour remain outside the scope of this document.

Keel: en
Alusdokumendid: ISO 13143-1:2020; EN ISO 13143-1:2020
Asendab dokumenti: EVS-EN ISO 13143-1:2016

EVS-EN ISO/IEC 17000:2020

Vastavushindamine. Sõnavara ja üldpõhimõtted
Conformity assessment - Vocabulary and general principles (ISO/IEC 17000:2020)

See dokument määratleb üldised terminid ja määratlused vastavushindamiseks (sealhulgas vastavushindamisasutuste akrediteerimiseks) ning vastavushindamise kasutamiseks kaubanduse hõlbustamiseks. Vastavushindamise üldpõhimõtted ja funktsionaalse lähenemisviisi kirjeldus on toodud lisas A. Vastavushindamine toimib koos teiste valdkondadega, nagu näiteks juhtimissüsteemid, metroloogia, standardimine ja statistika. Vastavushindamise piire pole selles dokumendis määratletud.

Keel: et-en
Alusdokumendid: EN ISO/IEC 17000:2020; ISO/IEC 17000:2020
Asendab dokumenti: EVS-EN ISO/IEC 17000:2005

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN 12225:2020

Geosynthetics - Method for determining the microbiological resistance by a soil burial test

This document specifies a method for the determination of the microbiological resistance of geosynthetics including those of natural fibres and biodegradable polymers by a soil burial test. NOTE Experience and exhumation of geosynthetics which had performed successfully, in some cases for more than two decades, indicate that geosynthetics made out of synthetic materials are generally resistant against microbial initiated decay. It can therefore be expected that most of these products commercially available at the present time will pass the soil burial test successfully and it is probably not necessary to submit them all to this test independent of their function. However, if the requirements for appropriate functioning of the geosynthetics demand proof of microbiological resistance or if they are manufactured from newly developed polymers whose resistance is in any doubt, the soil burial test can provide additional information.

Keel: en
Alusdokumendid: EN 12225:2020
Asendab dokumenti: EVS-EN 12225:2001

11 TERVISEHOOLDUS

EVS-EN ISO 20888:2020

Dentistry - Vocabulary and designation system for forensic oro-dental data (ISO 20888:2020)

The purpose of this standard is to develop uniform nomenclature for the description of forensic dental data and define a standardized set of uniform terms to convey this information. The goal of the standard is not to define the extent of information collected, only to be certain that common terms are used in order to aid in an identifying human remains or a living amnesiac.

Keel: en
Alusdokumendid: ISO 20888:2020; EN ISO 20888:2020

EVS-EN ISO 80601-2-67:2020

Medical electrical equipment - Part 2-67: Particular requirements for basic safety and essential performance of oxygen-conserving equipment (ISO 80601-2-67:2020)

This particular standard is applicable to the basic safety and essential performance of oxygen conserving equipment, hereafter referred to as me equipment, in combination with its accessories intended to conserve supplemental oxygen by delivering gas intermittently and synchronized with the patient's inspiratory cycle, when used in the home healthcare environment. Oxygen conserving equipment is typically used by a lay operator. This particular standard is also applicable to those accessories intended by their manufacturer to be connected to conserving equipment, where the characteristics of those accessories can affect the basic safety or essential performance of the conserving equipment. This particular standard is only applicable to active devices (e.g. Pneumatically or electrically powered) and is not applicable to non-active devices (e.g. Reservoir cannulas)

Keel: en
Alusdokumendid: EN ISO 80601-2-67:2020; ISO 80601-2-67:2020
Asendab dokumenti: EVS-EN ISO 18779:2005

EVS-EN ISO 80601-2-69:2020

Medical electrical equipment - Part 2-69: Particular requirements for the basic safety and essential performance of oxygen concentrator equipment (ISO 80601-2-69:2020)

IEC 60601-1:2005+AMD1:2012, 1.1 is replaced by: This document specifies requirements for the basic safety and essential performance of an oxygen concentrator in combination with its accessories, hereafter referred to as ME equipment, intended to increase the oxygen concentration of gas intended to be delivered to a single patient. Such oxygen concentrators are typically intended for use in the home healthcare environment by a single patient in various environments including any private and public transportation as well as in commercial aircraft. NOTE 1 Such oxygen concentrators can also be used in professional healthcare facilities. This document is applicable to a transit-operable and non-transit-operable oxygen concentrator. This document is applicable to an oxygen concentrator integrated into or used with other medical devices, ME equipment or ME systems. EXAMPLE 1 An oxygen concentrator with integrated oxygen conserving equipment function or humidifier function. EXAMPLE 2 An oxygen concentrator used with a flowmeter stand. EXAMPLE 3 An oxygen concentrator as part of an anaesthetic system for use in areas with limited logistical supplies of electricity and anaesthetic gases[2]. EXAMPLE 4 An oxygen concentrator with an integrated liquid reservoir function or gas cylinder filling system function. This document is also applicable to those accessories intended by their manufacturer to be connected to an oxygen concentrator, where the characteristics of those accessories can affect the basic safety or essential performance of the oxygen concentrator. NOTE 2 Such accessories can include, but are not limited to, masks, cannulae, extension tubing, humidifiers, carts, carrying cases, external power sources and oxygen conserving equipment. This document does not specify requirements for oxygen concentrators for use with a medical gas pipeline system.If a clause or subclause is specifically intended to be applicable to ME equipment only, or to ME systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME equipment and to ME systems, as relevant. Hazards inherent in the intended physiological function of ME equipment or ME systems within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard. NOTE 3 See also 4.2 of the general standard.

Keel: en
Alusdokumendid: EN ISO 80601-2-69:2020; ISO 80601-2-69:2020
Asendab dokumenti: EVS-EN ISO 80601-2-69:2014

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 17554:2020

Ambient air - Application of EN 16909 for the determination of elemental carbon (EC) and organic carbon (OC) in PM10 and PMcoarse

This document describes procedures to assess the applicability of the standard method EN 16909 (determination of OC and EC deposited on filters) to particle size fractions up to 10 µm in aerodynamic diameter (50 % cut off).

Keel: en
Alusdokumendid: CEN/TR 17554:2020

CLC/TS 50136-9:2020

Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP)

This document specifies a protocol for point-to-point transmission of alarms and faults, as well as communications monitoring, between a Supervised Premises Transceiver and a Receiving Centre Transceiver using the Internet Protocol (IP). The protocol is intended for use over any network that supports the transmission of IP data. These include Ethernet, xDSL, GPRS, WiFi, UMTS and WIMAX. The system performance characteristics for alarm transmission are specified in EN 50136-1. The performance characteristics of the supervised premises equipment should comply with the requirements of its associated alarm system standard and applies for transmission of all types of alarms including, but not limited to, fire, intrusion, access control and social alarms. Compliance with this document is voluntary.

Keel: en
Alusdokumendid: CLC/TS 50136-9:2020
Asendab dokumenti: CLC/TS 50136-9:2017

EVS-EN 13819-1:2020

Hearing protectors - Testing - Part 1: Physical test methods

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

Keel: en
Alusdokumendid: EN 13819-1:2020
Asendab dokumenti: EVS-EN 13819-1:2003

EVS-EN 13819-2:2020

Hearing protectors - Testing - Part 2: Acoustic test methods

This document specifies acoustic test methods for hearing protectors. The purpose of these tests is to enable assessment of the performance of the hearing protector as specified in the appropriate product standard.

Keel: en
Alusdokumendid: EN 13819-2:2020
Asendab dokumenti: EVS-EN 13819-2:2002

EVS-EN 17423:2020

Energy performance of buildings - Determination and reporting of Primary Energy Factors (PEF) and CO2 emission coefficient - General Principles, Module M1-7

This document provides a transparent framework for reporting on the choices related to the procedure to determine primary energy factors (PEFs) and CO2 emission coefficients for energy delivered to and exported from the buildings as described in EN ISO 52000-1. This document specifies the choices to be made to calculate the PEF(s) and CO2 emission coefficients related to different energy carriers. PEFs and CO2 emission coefficients for exported energy can be different from those chosen for delivered energy. This document is primarily intended for supporting and complementing EN ISO 52000-1, as the latter requires values for the PEFs and CO2 emission coefficients to complete the EPB calculation. But it can also be used for other applications. NOTE The CO2 emission coefficients allow calculating greenhouse gas emissions. According to the choices made, the CO2 emission coefficients represent only CO2 emissions or also other greenhouse gases. Table 1 shows the position (marked by "X") of this document within the modular structure as set out in EN ISO 52000-1. The modules represent EPB standards, although one EPB standard may cover more than one module and one module may be covered by more than one EPB standard, for instance a simplified and a detailed method respectively.

Keel: en
Alusdokumendid: EN 17423:2020

EVS-EN 352-1:2020

Kuulmiskaitsevahendid. Üldnõuded. Osa 1: Kõrvaklapid
Hearing protectors - General requirements - Part 1: Earmuffs

This document specifies requirements for construction, design, performance, marking and user information for earmuffs. In particular, it specifies requirements regarding the sound attenuation of the earmuffs, measured in accordance with EN ISO 4869-1:2018. The document does not apply to earmuffs outside the size range of headsizes as defined in this standard. This document does not apply to earmuffs for attachment to head protection and/or face protection devices. Ergonomic aspects are addressed by taking into account, within the requirements, the interaction between the user, the device and where possible the working environment in which the device is likely to be used (see Annex ZA and EN 458).

Keel: en
Alusdokumendid: EN 352-1:2020
Asendab dokumenti: EVS-EN 352-1:2003

EVS-EN 352-10:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 10: Meelelahutusliku audiosisendiga kõrvatropid
Hearing protectors - Safety requirements - Part 10: Entertainment audio earplugs

This European Standard is applicable to entertainment audio earplugs. It specifies requirements on construction, design, performance, marking and user information relating to the inclusion of the entertainment audio facility.

Keel: en
Alusdokumendid: EN 352-10:2020

EVS-EN 352-2:2020

Kuulmiskaitsevahendid. Üldnõuded. Osa 2: Kõrvatropid
Hearing protectors - General requirements - Part 2: Earplugs

This document specifies requirements on construction, design, performance, marking and user information for earplugs. In particular, it specifies requirements regarding the sound attenuation of the earplugs, measured in accordance with EN ISO 4869-1:2018. This document applies to earplugs designed for users who are able to follow supplied instructions and understand the related risks, can fit the earplugs correctly and can give feedback on the performance. Ergonomic aspects are addressed by taking into account, within the requirements, the interaction between the user, the device and where possible the working environment in which the device is likely to be used (see Annex ZA and EN 458).

Keel: en
Alusdokumendid: EN 352-2:2020
Asendab dokumenti: EVS-EN 352-2:2003

EVS-EN 352-3:2020

Kuulmiskaitsevahendid. Üldnõuded. Osa 3: Pea- ja/või näokaitsevahendite külge kinnitatavad kõrvaklapid
Hearing protectors - General requirements - Part 3: Earmuffs attached to head protection and/or face protection devices

This document specifies requirements for construction, design, performance, marking and user information for earmuffs attached to head protection and/or face protection devices, hereinafter referred to as ‘mounted earmuffs’. In particular, it specifies requirements regarding the sound attenuation of mounted earmuffs, measured in accordance with EN ISO 4869-1:2018. The document does not apply to earmuffs outside the size range of headsizes as defined in this standard. Because one model of earmuffs designed to be attached to head protection and/or face protection devices can be fitted to a number of other models and sizes of the carrier, this part of the standard sets out a series of physical and acoustic requirements for earmuffs when fitted to the specified model(s) or size(s) of head protection and/or face protection device. All requirements apply to earmuffs fitted to one of the specified models or sizes of head protection and/or face protection device (the basic combination). An abbreviated set of requirements applies to the same model of earmuffs when fitted to the other specified models or sizes of head protection and/or face protection device (the supplementary combinations). Ergonomic aspects are addressed by taking into account, within the

requirements, the interaction between the user, the device and, where possible, the working environment in which the device is likely to be used (see Annex ZA and EN 458).

Keel: en
Alusdokumendid: EN 352-3:2020
Asendab dokumenti: EVS-EN 352-3:2003

EVS-EN 352-4:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 4: Helitaseme filtriga kõrvaklapid
Hearing protectors - Safety requirements - Part 4: Level-dependent earmuffs

This European Standard is applicable to level-dependent earmuffs. It specifies requirements on construction, design, performance, marking and user information related to the inclusion of the level-dependent functionality.

Keel: en
Alusdokumendid: EN 352-4:2020
Asendab dokumenti: EVS-EN 352-4:2001
Asendab dokumenti: EVS-EN 352-4:2001/A1:2005

EVS-EN 352-7:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 7: Helitaseme filtriga kõrvatropid
Hearing protectors - Safety requirements - Part 7: Level-dependent earplugs

This European Standard is applicable to level-dependent earplugs. It specifies requirements on construction, design, performance, marking and user information related to the inclusion of the level-dependent functionality.

Keel: en
Alusdokumendid: EN 352-7:2020
Asendab dokumenti: EVS-EN 352-7:2003

EVS-EN 352-8:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 8: Meelelahutuslikud audiosisendiga kõrvaklapid
Hearing protectors - Safety requirements - Part 8: Entertainment audio earmuffs

This European Standard is applicable to entertainment audio ear-muffs. It specifies requirements on construction, design, performance, marking and user information relating to the inclusion of the entertainment audio facility.

Keel: en
Alusdokumendid: EN 352-8:2020
Asendab dokumenti: EVS-EN 352-8:2008

EVS-EN 352-9:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 9: Ohutusalase audiosidega kõrvatropid
Hearing protectors - Safety requirements - Part 9: Earplugs with safety-related audio input

This European Standard is applicable to earplugs supplemented by a safety-related audio input. It specifies requirements on construction, design, performance, marking and user information related to the inclusion of the safety-related audio input.

Keel: en
Alusdokumendid: EN 352-9:2020

EVS-EN ISO 11553-1:2020/A11:2020

Masinate ohutus. Lasertöötlusseadmed. Osa 1: Laseri ohutusnõuded
Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020)

Standardi EN ISO 11553-1:2020 muudatus

Keel: en
Alusdokumendid: EN ISO 11553-1:2020/A11:2020
Muudab dokumenti: EVS-EN ISO 11553-1:2020

EVS-EN ISO 11553-1:2020+A11:2020

Masinate ohutus. Lasertöötlusseadmed. Osa 1: Laseri ohutusnõuded
Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020)

This document describes laser radiation hazards arising in laser processing machines, as defined in 3.7. It also specifies the safety requirements relating to laser radiation hazards, as well as the information to be supplied by the manufacturers of such equipment (in addition to that prescribed by IEC 60825). Requirements dealing with noise as a hazard from laser processing machines are included in ISO 11553- 3:2013. This document is applicable to machines using laser radiation to process materials. It is not applicable to laser products, or equipment containing such products, which are manufactured solely and expressly for the following applications: — photolithography; — stereolithography; — holography; — medical applications (per IEC 60601-2-22); — data storage.

Keel: en

Alusdokumendid: ISO 11553-1:2020; EN ISO 11553-1:2020; EN ISO 11553-1:2020/A11:2020
Konsolideerib dokumenti: EVS-EN ISO 11553-1:2020
Konsolideerib dokumenti: EVS-EN ISO 11553-1:2020/A11:2020

EVS-EN ISO 11690-1:2020

Acoustics - Recommended practice for the design of low-noise workplaces containing machinery - Part 1: Noise control strategies (ISO 11690-1:2020)

This document outlines strategies to be used in dealing with noise problems in existing and planned workplaces by describing basic concepts in noise control (noise reduction, noise emission, noise immission and noise exposure). It is applicable to all types of workplaces and all types of sources of sound which are met in workplaces, including human activities. It includes those important strategies to adopt when buying a new machine or equipment. This document deals only with audible sound.

Keel: en
Alusdokumendid: ISO 11690-1:2020; EN ISO 11690-1:2020
Asendab dokumenti: EVS-EN ISO 11690-1:1999

EVS-EN ISO 11690-2:2020

Acoustics - Recommended practice for the design of low-noise workplaces containing machinery - Part 2: Noise control measures (ISO 11690-2:2020)

This document deals with the technical aspects of noise control in workplaces. The various technical measures are stated, the related acoustical quantities described, the magnitude of noise reduction discussed, and the verification methods outlined. This document deals only with audible sound.

Keel: en
Alusdokumendid: ISO 11690-2:2020; EN ISO 11690-2:2020
Asendab dokumenti: EVS-EN ISO 11690-2:1999

EVS-EN ISO 20349-1:2017/A1:2020

Isikukaitsevahendid. Kaitsvad jalatsid valu- ja keevitustöödel. Osa 1: Valutöö riskide eest kaitsvate jalatsite nõuded ja katsemeetodid
Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 1: Requirements and test methods for protection against risks in foundries - Amendment 1 (ISO 20349-1:2017/Amd 1:2020)

Standardi EN ISO 20349-1:2017 muudatus

Keel: en
Alusdokumendid: ISO 20349-1:2017/Amd 1:2020; EN ISO 20349-1:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 20349-1:2017

EVS-EN ISO 20349-2:2017/A1:2020

Isikukaitsevahendid. Kaitsvad jalatsid valu- ja keevitustöödel. Osa 2: Keevitus- ja seonduvate protsesside riskide eest kaitsvate jalatsite nõuded ja katsemeetodid
Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 2: Requirements and test methods for protection against risks in welding and allied processes - Amendment 1 (ISO 20349-2:2017/Amd 1:2020)

Modification of annex ZA and addition of an European informative annex

Keel: en
Alusdokumendid: ISO 20349-2:2017/Amd 1:2020; EN ISO 20349-2:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 20349-2:2017

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 60645-3:2020

Electroacoustics - Audiometric equipment - Part 3: Test signals of short duration

IEC 60645-3:2020 specifies a means of describing the physical characteristics, in terms of electrical waveforms, of audiometric reference and test signals of short duration and methods for their measurement. The object of this document is to ensure that audiometric stimuli of short duration are specified and measured in the same way and that the calibration of equipment using such signals is carried out using defined methods. This document does not describe the method of use of short-duration test signals. IEC 60645-3:2020 cancels and replaces the second edition published in 2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) new figures of reference signals; b) changes in definitions.

Keel: en
Alusdokumendid: EN IEC 60645-3:2020; IEC 60645-3:2020
Asendab dokumenti: EVS-EN 60645-3:2007

EVS-EN ISO 12999-1:2020

Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 1: Sound insulation (ISO 12999-1:2020)

This document specifies procedures for assessing the measurement uncertainty of sound insulation in building acoustics. It provides for — a detailed uncertainty assessment; — a determination of uncertainties by inter-laboratory tests; — an application of uncertainties. Furthermore, typical uncertainties are given for quantities determined according to ISO 10140 (all parts), ISO 16283 (all parts) and ISO 717 (all parts).

Keel: en
Alusdokumendid: ISO 12999-1:2020; EN ISO 12999-1:2020
Asendab dokumenti: EVS-EN ISO 12999-1:2014

19 KATSETAMINE

EVS-EN 50699:2020

Recurrent Tests of Electrical Equipment

This document specifies the requirements of the test procedures to be applied for recurrent tests of current-using electrical equipment and appliances for the verification of the effectiveness of the protective measures and the permissible limits This procedure is applicable to current-using electrical equipment connected at work places to final circuits with a rated voltage above 25 V AC and 60 V DC up to 1 000 V AC and 1 500 V DC, and currents up to 63 A. They can be either pluggable equipment type A connected to final circuits at work places via a plug or permanently connected equipment. This document assumes that the current-using equipment or appliances under consideration complies with its related product standard, has been introduced on the market and is in use. This document does not cover: — tests after repair defined in EN 50678; — type tests, routine tests, sample tests, special tests and acceptance tests for product safety nor for product functional requirements. NOTE 1 type tests, routine tests, sample tests, special tests and acceptance tests are usually defined in product standards. This document does not replace tests covered by product standards. This document does not apply to: — devices and equipment that are part of the fixed electrical installations defined in HD 60364 (all parts); NOTE 2 For these devices, tests for initial and periodic verifications are covered by HD 60364-6. — uninterruptible Power Supply (UPS), photovoltaic inverters and power converters, e.g. AC/DC converters; — charging stations for electro-mobility; — stationary power supplies (generators); — programmable Logic Controllers (PLC); — power Drives; — devices for EX-zones or for mining applications in general; — products already covered by standards addressing similar topics such as: a) medical equipment covered by EN 60601-1. For these devices, EN 62353 applies; b) arc welding equipment covered by EN 60974-1. For these devices, EN 60974-4 applies; c) machinery covered by EN 60204-1. For these devices, EN 60204-1 applies.

Keel: en
Alusdokumendid: EN 50699:2020

EVS-EN ISO 22232-3:2020

Mittepurustav katsetamine. Ultraheli katseseadmete määratlemine ja kontrollimine. Osa 3: Kombineeritud seadmed
Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 3: Combined equipment (ISO 22232-3:2020)

See dokument määratleb meetodid, tolerantsid ja aktsepteerimiskriteeriumid kombineeritud ultraheli katseseadmete (st instrumendi, sondide ja ühendatud kaablite) toimimise kontrollimiseks sobivate standardsete kalibreerimisplokkide abil. Need meetodid on spetsiaalselt ette nähtud käsikatseseadmetele, näiteks ultraheliinstrumentide jaoks standardi ISO 22232-1 kohaselt, ja manuaalseks mittepurustavaks ultrahelikatsetamiseks ühe- või kahemuunduriliste sondidega standardi ISO 22232-2 kohaselt. See dokument on kohaldatav ka mitme kanaliga (multi-channel) seadmetele. Automatiseeritud katseseadmete jaoks võib piisava toimimise tagamiseks vaja minna eri katseid. Määratletud meetodid on ette nähtud kasutamiseks operaatoritele, kes töötavad objektide või töökoja tingimustes. Need meetodid ei ole mõeldud tõestama seadme sobivust konkreetsetele rakendustele. See dokument ei hõlma pidevate lainega (continuous waves) töötavaid ultraheliseadmeid. See dokument välistab ka faseeritud ultraheliseadmed (ultrasonic phased array instruments), vt nt ISO 18563-1. Kui faseeritud seadet kasutatakse koos ühe- või kahemuunduriliste sondidega, kohaldatakse seda dokumenti sellele kombinatsioonile.

Keel: en, et
Alusdokumendid: ISO 22232-3:2020; EN ISO 22232-3:2020
Asendab dokumenti: EVS-EN 12668-3:2013

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN ISO/TS 23818-1:2020

Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines - Part 1: Polyethylene (PE) material (ISO/TS 23818-1:2020)

This document provides a scheme for the assessment of conformity of PE products and assemblies for the rehabilitation of existing pipelines, in accordance with the applicable parts of ISO 11296, ISO 11297, ISO 11298, ISO 11299 and ISO 21225, and intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE In order to help the reader, summary tables of overall scheme requirements are provided in Annex E.

Keel: en
Alusdokumendid: ISO/TS 23818-1:2020; CEN ISO/TS 23818-1:2020

CEN/TR 14473:2020

Transportable gas cylinders - Porous materials for acetylene cylinders

This document contains information about monolithic porous materials used in individual acetylene cylinders and in acetylene cylinder bundles in Europe. It does not claim to be exhaustive. NOTE Where there is any conflict between this document and any applicable regulation, the regulation always takes precedence.

Keel: en
Alusdokumendid: CEN/TR 14473:2020
Asendab dokumenti: CEN/TR 14473:2014

EVS-EN 15655-2:2020

Ductile iron pipes, fittings and accessories - Requirements and test methods for organic linings of ductile iron pipes and fittings - Part 2: Thermoplastic Acid Modified Polyolefin (TMPO) lining of pipes

This document specifies the requirements and test methods applicable to factory applied internal lining made of thermoplastic acid modified polyolefin (TMPO) for the heavy duty corrosion protection of ductile iron pipes conforming to EN 545, EN 598 and EN 969. This document also applies to pipes with only socket and spigot ends coated with TMPO. Fittings and accessories are covered separately by EN 14901-2.

Keel: en
Alusdokumendid: EN 15655-2:2020
Asendab dokumenti: EVS-EN 15655:2009

EVS-EN ISO 15494:2018/A1:2020

Plasttorustikusüsteemid tööndustikele rakendustele. Polübuteen (PB), polüetüleen (PE), kõrge temperatuuritaluvusega polüetüleen (PE-RT), võrkstruktuuriga polüetüleen (PE-X) ja polüpropüleen (PP). Komponentide ja süsteemide meetermõõdustikus spetsifikatsioonid Plastics piping systems for industrial applications - Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) - Metric series for specifications for components and the system - Amendment 1 (ISO 15494:2015/Amd 1:2020)

Amendment to EN ISO 15494:2018

Keel: en
Alusdokumendid: ISO 15494:2015/Amd 1:2020; EN ISO 15494:2018/A1:2020
Muudab dokumenti: EVS-EN ISO 15494:2018

EVS-EN ISO 15494:2018+A1:2020

Plasttorustikusüsteemid tööndustikele rakendustele. Polübuteen (PB), polüetüleen (PE), kõrge temperatuuritaluvusega polüetüleen (PE-RT), võrkstruktuuriga polüetüleen (PE-X) ja polüpropüleen (PP). Komponentide ja süsteemide meetermõõdustikus spetsifikatsioonid Plastics piping systems for industrial applications - Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) - Metric series for specifications for components and the system (ISO 15494:2015 + ISO 15494:2015/Amd 1:2020)

ISO 15494:2015 specifies the characteristics and requirements for components such as pipes, fittings, and valves made from one of the following materials intended to be used for thermoplastics piping systems in the field of industrial applications above and below ground: - polybutene (PB); - polyethylene (PE); - polyethylene of raised temperature resistance (PE-RT); - crosslinked polyethylene (PE-X); - polypropylene (PP). NOTE 1 Requirements for industrial valves are given in this International Standard and/or in other standards. Valves are to be used with components conforming to this International Standard provided that they conform additionally to the relevant requirements of this International Standard. This International Standard is applicable to either PB, PE, PE-RT, PE-X, or PP pipes, fittings, valves, and their joints and to joints with components of other plastics and non-plastic materials, depending on their suitability, intended to be used for the conveyance of liquid and gaseous fluids as well as solid matter in fluids for industrial applications such as the following: - chemical plants; - industrial sewerage engineering; - power engineering (cooling and general purpose water); - mining; - electroplating and pickling plants; - semiconductor industry; - agricultural production plants; - fire fighting; - water treatment; - geothermal. NOTE 2 Where relevant, national regulations (e.g. water treatment) are applicable. Other application areas are permitted if the requirements of this International Standard and/or applicable national requirements are fulfilled. National regulations in respect of fire behaviour and explosion risk are applicable. The components have to withstand the mechanical, thermal, and chemical demands to be expected and have to be resistant to the fluids to be conveyed.

Keel: en
Alusdokumendid: ISO 15494:2015; EN ISO 15494:2018; ISO 15494:2015/Amd 1:2020; EN ISO 15494:2018/A1:2020
Konsolideerib dokumenti: EVS-EN ISO 15494:2018
Konsolideerib dokumenti: EVS-EN ISO 15494:2018/A1:2020

25 TOOTMISTEHNOLOOGIA

EVS-EN 15571:2020

Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Ohutus. Nõuded pinnaviimistlusmasinatele
Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface-finishing machines

This document applies to stationary surface-finishing machines with stationary work piece (see 3.1) or with moving work piece (see 3.2) which are used to grind or polish horizontal surfaces of slabs, strips or tiles of natural stone and engineered stone (e.g. agglomerated stone) as defined by EN 14618:2009. This document deals with all significant hazards, hazardous situations and events relevant to surface-finishing machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. This document deals with the foreseeable lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping. This document does not deal with: - hand-held grinding machines; - machines intended for operation in a potentially explosive atmosphere; - operation in severe environmental conditions (e.g. extreme temperatures, corrosive environment); - machines intended for outdoor operation. This document is not applicable to machinery which is manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: EN 15571:2020
Asendab dokumenti: EVS-EN 15571:2014

EVS-EN 16564:2020

Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Ohutus. Nõuded sildsaagidele/freesidele, kaasa arvatud arvjuhtimisega (NC/CNC) versioonidele
Machines and plants for mining and tooling of natural stone - Safety - Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

This document deals with all significant hazards, hazardous situations and events which are relevant to: - bridge sawing machines; - bridge sawing and milling machines; - numerical control bridge sawing/milling machines. These machines are designed to saw and mill natural stone and engineered/agglomerated stone as defined by EN 14618:2009, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. This document deals with the foreseeable lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping. This document also applies to machines fitted with the following facilities/devices: - mechanical, pneumatic, hydraulic or vacuum workpiece clamping; - automatic tool change; - loading and unloading conveyor system; - tilting and/or rotating head axis; - rotating workpiece support(s); - tilting workpiece support(s) when loading; - lathe unit; - undercut grooving unit; - axes operating in accordance with an NC work programme. This document does not apply to: - machines intended for operation in a potentially explosive atmosphere; - machines operating in severe environmental conditions (e.g. extreme temperatures, corrosive environment); - machines intended for outdoor operation; - machines which are manufactured before the date of their publication as EN.

Keel: en
Alusdokumendid: EN 16564:2020
Asendab dokumenti: EVS-EN 16564:2014

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 17127:2020

Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

This document defines the minimum requirements to ensure the interoperability of hydrogen refuelling points, including refuelling protocols that dispense gaseous hydrogen to road vehicles (e.g. Fuel Cell Electric Vehicles) that comply with legislation applicable to such vehicles. The safety and performance requirements for the entire hydrogen fuelling station, addressed in accordance with existing relevant European and national legislation, are not included in this document. NOTE Guidance on considerations for hydrogen fuelling stations is provided in ISO 19880-1:2020.

Keel: en
Alusdokumendid: EN 17127:2020
Asendab dokumenti: EVS-EN 17127:2018

EVS-EN IEC 60904-1:2020

Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics

IEC 60904-1:2020 describes procedures for the measurement of current-voltage characteristics (I-V curves) of photovoltaic (PV) devices in natural or simulated sunlight. These procedures are applicable to a single PV solar cell, a sub-assembly of PV solar cells, or a PV module. This document is applicable to non-concentrating PV devices for use in terrestrial environments, with reference to (usually but not exclusively) the global reference spectral irradiance AM1.5 defined in IEC 60904-3. This third edition cancels and replaces the second edition published in 2006. The main changes with respect to the previous edition are as follows: - Updated scope to include all conditions. - Added terms and definitions. - Reorganised document to avoid unnecessary duplication. - Added data analysis clause. - Added informative annexes (area measurement, PV devices with capacitance, dark I-V curves and effect of spatial non-uniformity of irradiance).

Keel: en
Alusdokumendid: EN IEC 60904-1:2020; IEC 60904-1:2020
Asendab dokumenti: EVS-EN 60904-1:2007

29 ELEKTROTEHNIKA

EVS-EN 50342-4:2020

Lead-acid starter batteries - Part 4: Dimensions of batteries for heavy vehicles

This document is applicable to lead-acid batteries used for heavy vehicles. The object of this document is to specify the European requirements of the main dimensions of starter batteries. For new and future developments of the above applications, it is expected that only batteries from the “Preferred Types” series be used. Batteries of the series of “Other Types” exist under several national standards. They have been transferred from the previous standard EN 60095-4. The preferred types A, B and C are newly introduced and correspond closely to the types D4, D5 and D6 with some differences in tolerances and dimensions.

Keel: en
Alusdokumendid: EN 50342-4:2020
Asendab dokumenti: EVS-EN 50342-4:2009

EVS-EN 50397-1:2020

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV AC and not exceeding 36 kV AC - Part 1: Covered conductors

This document contains the requirements for covered conductors with or without integrated longitudinal water tightness and/or semi-conductive conductor screen for applications in overhead lines with rated voltages U above 1 kV a.c. and not exceeding 36 kV a.c.

Keel: en
Alusdokumendid: EN 50397-1:2020
Asendab dokumenti: EVS-EN 50397-1:2007

EVS-EN 50699:2020

Recurrent Tests of Electrical Equipment

This document specifies the requirements of the test procedures to be applied for recurrent tests of current-using electrical equipment and appliances for the verification of the effectiveness of the protective measures and the permissible limits This procedure is applicable to current-using electrical equipment connected at work places to final circuits with a rated voltage above 25 V AC and 60 V DC up to 1 000 V AC and 1 500 V DC, and currents up to 63 A. They can be either pluggable equipment type A connected to final circuits at work places via a plug or permanently connected equipment. This document assumes that the current-using equipment or appliances under consideration complies with its related product standard, has been introduced on the market and is in use. This document does not cover: — tests after repair defined in EN 50678; — type tests, routine tests, sample tests, special tests and acceptance tests for product safety nor for product functional requirements. NOTE 1 type tests, routine tests, sample tests, special tests and acceptance tests are usually defined in product standards. This document does not replace tests covered by product standards. This document does not apply to: — devices and equipment that are part of the fixed electrical installations defined in HD 60364 (all parts); NOTE 2 For these devices, tests for initial and periodic verifications are covered by HD 60364-6. — uninterruptible Power Supply (UPS), photovoltaic inverters and power converters, e.g. AC/DC converters; — charging stations for electro-mobility; — stationary power supplies (generators); — programmable Logic Controllers (PLC); — power Drives; — devices for EX-zones or for mining applications in general; — products already covered by standards addressing similar topics such as: a) medical equipment covered by EN 60601-1. For these devices, EN 62353 applies; b) arc welding equipment covered by EN 60974-1. For these devices, EN 60974-4 applies; c) machinery covered by EN 60204-1. For these devices, EN 60204-1 applies.

Keel: en
Alusdokumendid: EN 50699:2020

EVS-EN IEC 63182-2:2020

Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 2: Ring-cores

IEC 63182-2:2020 specifies the dimensions that are of importance for mechanical interchangeability for a preferred range of ring-cores (also called toroids) made of magnetic powder, the effective parameter values to be used in calculations involving them, and gives guidelines on allowable limits of surface irregularities applicable to coated ring-cores. The selection of core sizes for this document is based on the philosophy of including those sizes which are industrial standards, meaning that they are in broad-based use within the industry. This document is considered as a sectional specification useful in the negotiations between magnetic powder core manufacturers and users about surface irregularities.

Keel: en
Alusdokumendid: EN IEC 63182-2:2020; IEC 63182-2:2020

31 ELEKTROONIKA

EVS-EN IEC 60603-7:2020

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

IEC 60603-7:2020 covers 8-way, unshielded, free and fixed connectors and is intended to specify the common dimensions (interface dimensions), mechanical, electrical and environmental characteristics and tests for the family of IEC 60603-7-x connectors. These connectors are intermateable (according to IEC 61076-1 level 2) and interoperable with other IEC 60603-7 series connectors. This fourth edition cancels and replaces the third edition, published in 2008, its Amendment 1:2011 and its Amendment 2:2019. It constitutes a technical revision. This edition includes the following significant technical change with respect to the previous edition: - Revised the definitions for intermateability and interoperability; added new definitions. - Corrected dimension line for dimension AZ2 in Figure 5. - Corrected dimension line for dimension F1 in Figure A.1. - Revised the reference to ISO/IEC 11801 to ISO/IEC 11801-1. - Added lower limiting temperature and upper limiting temperature definitions. - Revised Table 1 to Table 8 so the column order is Minimum-Nominal-Maximum dimensions (ascending order). - Corrected Table 7: Climatic category and Upper temperature values to 90 °C (to be consistent with the graph in Figure 10 and Note 1 in Figure 10). - Revised the wording in 8.2, contact resistance, for clarification. - Revised Figure 11 and Figure 12 and the wording in the Key below for clarification. - Removed the sentences under the figure in the Introduction. - Added Annex E.

Keel: en
Alusdokumendid: EN IEC 60603-7:2020; IEC 60603-7:2020
Asendab dokumenti: EVS-EN 60603-7:2009
Asendab dokumenti: EVS-EN 60603-7:2009/A1:2012
Asendab dokumenti: EVS-EN 60603-7:2009/A2:2019

EVS-EN ISO 11553-1:2020/A11:2020

Masinate ohutus. Lasertöötlusseadmed. Osa 1: Laseri ohutusnõuded
Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020)

Standardi EN ISO 11553-1:2020 muudatus

Keel: en
Alusdokumendid: EN ISO 11553-1:2020/A11:2020
Muudab dokumenti: EVS-EN ISO 11553-1:2020

EVS-EN ISO 11553-1:2020+A11:2020

Masinate ohutus. Lasertöötlusseadmed. Osa 1: Laseri ohutusnõuded
Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020)

This document describes laser radiation hazards arising in laser processing machines, as defined in 3.7. It also specifies the safety requirements relating to laser radiation hazards, as well as the information to be supplied by the manufacturers of such equipment (in addition to that prescribed by IEC 60825). Requirements dealing with noise as a hazard from laser processing machines are included in ISO 11553- 3:2013. This document is applicable to machines using laser radiation to process materials. It is not applicable to laser products, or equipment containing such products, which are manufactured solely and expressly for the following applications: — photolithography; — stereolithography; — holography; — medical applications (per IEC 60601-2-22); — data storage.

Keel: en
Alusdokumendid: ISO 11553-1:2020; EN ISO 11553-1:2020; EN ISO 11553-1:2020/A11:2020
Konsolideerib dokumenti: EVS-EN ISO 11553-1:2020
Konsolideerib dokumenti: EVS-EN ISO 11553-1:2020/A11:2020

33 SIDETEHNIKA

CLC/TS 50136-9:2020

Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP)

This document specifies a protocol for point-to-point transmission of alarms and faults, as well as communications monitoring, between a Supervised Premises Transceiver and a Receiving Centre Transceiver using the Internet Protocol (IP). The protocol is intended for use over any network that supports the transmission of IP data. These include Ethernet, xDSL, GPRS, WiFi, UMTS and WIMAX. The system performance characteristics for alarm transmission are specified in EN 50136-1. The performance characteristics of the supervised premises equipment should comply with the requirements of its associated alarm system standard and applies for transmission of all types of alarms including, but not limited to, fire, intrusion, access control and social alarms. Compliance with this document is voluntary.

Keel: en
Alusdokumendid: CLC/TS 50136-9:2020
Asendab dokumenti: CLC/TS 50136-9:2017

EVS-EN IEC 60268-16:2020

Sound system equipment - Part 16: Objective rating of speech intelligibility by speech transmission index

IEC 60268-16:2020 defines the STI model, test signals, measurement and prediction methods. The objective of this document is to provide a comprehensive manual for all types of users of the STI model in the fields of audio, communications and acoustics. This document does not provide STI criteria for certification of transmission channels (e.g. criteria for a voice-alarm system), but some typical application values are provided in Annex G. Every measurement method has limitations, and the reader is referred to clauses relating to limitations such as speech privacy, echo and systems using digital voice compression (vocoders). This document does not cover the case of fluctuating noise on the STI, although some general comments on dealing with this complex issue are provided in 7.13 and 8.9.3. IEC 60268-16:2020 cancels and replaces the fourth edition published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the spectrum of the male speech test signal has been changed, with significant reductions in the 125 Hz and 250 Hz bands being implemented; b) some corrections to formulae have been made; c) additional information has been included on prediction and measurement procedures; d) spectrum and weighting factors for female speech have been removed; e) verification information for STI measurement devices added; f) the relationships between STI and number of other speech intelligibility measures have been updated in Annex E; g) greater information is given in Annex M about adjustments to the measured STI results to simulate effects of alternative ambient noise and speech levels.

Keel: en
Alusdokumendid: EN IEC 60268-16:2020; IEC 60268-16:2020
Asendab dokumenti: EVS-EN 60268-16:2011

EVS-EN IEC 60794-6:2020

Optical Fibre Cables - Part 6: Indoor-Outdoor cables - Sectional specification for Indoor-Outdoor cables

IEC 60794-6:2020 is a sectional specification covering general features of optical fibre cables applicable to outdoor as well as indoor environments, called "indoor-outdoor cables". Indoor-outdoor cables are deployed in outside plant environments as well as in premises thus fulfilling outdoor as well as indoor requirements. Typical application spaces are, for example, extension of a duct cable into a building or using this design for centralized cabling in the central office, the premises or local area network where the same cable is used for the entire length of the cabling link including both the indoor as well as the outdoor portions. Cables which generally possess the characteristics associated with outdoor cable designs having the thermal and mechanical robustness that makes them suitable for use in the outside plant, while simultaneously being relatively flexible, compact and lightweight and exhibiting the fire performance required in indoor premises are specified in IEC 60794-6-10. Flame retardant outdoor cables as specified in IEC 60794-6-20 are used when most of the cable length is deployed as an outdoor cable with a part of its length deployed indoors. The cable design can be derived from a typical outdoor cable design according to the product specifications described in IEC 60794-3. The specific performance related to bend radii according to the installation situation and fire performance according to the regional legislation mainly requires the appropriate selection of the jacket material in combination with other material and/or design considerations. Because of the use in buildings with tighter space restrictions, higher flexibility of the cable is often required for the installation. Often, smaller diameter cables are preferred. Indoor cables which are weatherised as specified in (IEC 60794-6-30) are used when an indoor cable is used outdoors over a short distance (few meters), for example when the network access point (NAP) is very close to the building. The indoor-outdoor fibre optical cable design can be derived from an indoor design (see IEC 60794-2 and IEC TR 62901 for typical applications) with specific outdoor performance features added. Critical parameters are UV stability, and resistance against exposure to humidity.

Keel: en
Alusdokumendid: EN IEC 60794-6:2020; IEC 60794-6:2020

EVS-EN IEC 60794-6-10:2020

Optical fibre cables - Part 6-10: Indoor-outdoor cables - Family specification for universal indoor-outdoor cables

IEC 60794-6-10:2020 is a family specification covering features of optical fibre cables applicable to outdoor as well as indoor environments, called "universal indoor-outdoor cables". These cables generally possess the characteristics associated with outdoor cable designs (according to IEC 60794-3, however typically less stringent, and typically "non armoured") having the thermal and mechanical robustness that makes them suitable for use in the outside plant, while simultaneously being flexible enough, compact and lightweight and exhibiting the fire performance required in indoor premises. A typical application is for example the centralized cabling in central office and the premises or local area network where the same cable design is used for the entire length of the cabling link including both the indoor as well as the outdoor portions.

Keel: en
Alusdokumendid: EN IEC 60794-6-10:2020; IEC 60794-6-10:2020

EVS-EN IEC 60794-6-20:2020

Optical Fibre Cables - Part 6-20: Indoor-Outdoor cables - Family specification for Flame Retardant Outdoor cables

IEC 60794-6-20:2020 is a family specification covering optical fibre outdoor cables which are flame retardant and thus also applicable to indoor environments. These cables generally possess the characteristics associated with outdoor cable designs having similar thermal and mechanical robustness that makes them suitable for use in the outside plant, while simultaneously exhibiting the fire performance required in indoor premises. A typical application is for example the extension of a "shorter length" of an outdoor cable into the building

Keel: en
Alusdokumendid: EN IEC 60794-6-20:2020; IEC 60794-6-20:2020

EVS-EN IEC 60794-6-30:2020

Optical fibre cables - Part 6-30: Indoor-outdoor cables - Family specification for weatherised indoor cables

IEC 60794-6-30:2020 is a family specification covering optical fibre indoor cables that are deployed in short length (≤ 10 m) outdoor environments. These cables generally possess the characteristics associated with indoor cable designs having the appropriate fire performance and flexibility that makes them suitable for use in premises. Because of its predicted use outdoors, stability against environmental attack, for example UV radiation and humidity (see IEC 60794-6:2020, Table 1), is important. Typical application spaces include the extension of a short length of indoor cable outside the building such as to a NAP mounted outside the building at the house wall.

Keel: en
Alusdokumendid: EN IEC 60794-6-30:2020; IEC 60794-6-30:2020

35 INFOTEHNOLOOGIA

CEN/TR 17535:2020

Requirements to connect, access, participate and further develop open global networks and systems, for postal operators and the wider postal sector players

The current and future infrastructure to satisfy the changing needs of citizens in the EU will grant access to wider postal stakeholders, including customers, postal suppliers, supply chain service providers, (i.e. customs, fiscal authorities collecting VAT and related duties, transport providers like airlines or rail road and other transport mode operators, non-profit organisations supporting supply chain traceability, etc.) non-designated economic postal operators (Courier-, Express-, and Parcel delivery operators) that use, or may wish to use products, services and solutions currently restricted to designated operators. This document aims at the provision of a Single Digital Market in Europe is at the focus within CEN, in particular: • maintaining the integrity and independence of the European and worldwide delivery network • no unfair advantage to any group or individual player, and thereby providing a level playing field • clear delineation of the responsibilities and roles of all entities involved • transparent management, control and integration of the postal supply chain as legally described in EU legislation (EU Regulation 2018/644 on cross-border parcel delivery services) • reciprocity of interconnection with other stakeholder networks, as applicable • proper security mechanisms in place to ensure data protection and privacy to provide the necessary implementation guidance of EAD for fiscal duties (VAT et al.), customs and transport security. The current MoU between the UPU and CEN offers the foundation to convert UPU specifications only applicable to designated postal operators into open CEN specifications. The creation of a digital single market has significant implications on cross border commerce and related delivery of merchandise. This document provides the necessary implementation guidance. It is based on be the technical report “Postal Services — Electronic advanced data (EAD) in postal operations compliant to security and customs requirements”. The document is based on the semantic mapping description of information on the characteristics or attributes of Low Value Consignments (LVC) which parties in the digital commercial value chain acrossborders are called upon to handle, compliant to the EU VAT Ecommerce Package as well as the UPU-WCO customs model. It gives guidance by defining the use of unique transport identifiers, unique transaction identifiers and the IOSS VAT Identification number.

Keel: en
Alusdokumendid: CEN/TR 17535:2020

CEN/TR 17536:2020

Requirements for electronic advanced data (EAD) in postal operations, in particular compliant to security and customs requirements

This document provides the semantic mapping description of information on the characteristics or attributes of Low Value Consignments (LVC) which parties in the digital commercial value chain acrossborders are called upon to handle, compliant to the EU VAT Ecommerce Package as well as the UPU-WCO customs model. This document is limited to LVC, the logical definition of an electronic message, which supports the communication of information about postal items with a unique transport unit identifier. While different customs processes apply to LVC (goods ≤ €150), and consignments exceeding an intrinsic value of > €150, this technical specification only applies to LVC. Therefore, it applies to the collection of import duties (VAT) and not to customs fees. The document defines both EDIFACT directory 00A and XML implementations to bridge in a semantic mapping between UPU M33 ITMATT messages and the EU customs data model and its super-reduced data set, that can be used to convey item-level data for use in customs processing applications. The document specifies that the supply of certain attribute values, segments and tags is mandatory (M), whilst the supply of other attributes, segments and tags is specified as optional (O). This document separates the financial, the data-elements and the physical flow of low value consignments. Further it defines the use of unique transport identifiers, unique transaction identifiers and the IOSS VAT Identification number.

Keel: en
Alusdokumendid: CEN/TR 17536:2020

EVS-EN 17412-1:2020

Building Information Modelling - Level of Information Need - Part 1: Concepts and principles

This document specifies concepts and principles to establish a methodology for specifying level of information need and information deliveries in a consistent way when using building information modelling (BIM). This document specifies the characteristics of different levels used for defining the detail and extent of information required to be exchanged and delivered throughout the life cycle of built assets. It gives guidelines for principles required to specify information needs. The concepts and principles in this document can be applied for a general information exchange and whilst in progress, for a generally agreed way of information exchange between parties in a collaborative work process, as well as for an appointment with specified information delivery. The level of information need provides methods for describing information to be exchanged according to exchange information requirements. The exchange information requirements specify the wanted information exchange. The result of this

process is an information delivery. This document is applicable to the whole life cycle of any built asset, including strategic planning, initial design, engineering, development, documentation and construction, day-to-day operation, maintenance, refurbishment, repair and end-of-life.

Keel: en
Alusdokumendid: EN 17412-1:2020

EVS-EN ISO 12967-1:2020

Health informatics - Service architecture (HISA) - Part 1: Enterprise viewpoint (ISO 12967-1:2020)

This document provides guidance and requirements for the description, planning and development of new systems, as well as for the integration of existing information systems, both within one enterprise and across different healthcare organizations, through an architecture integrating the common data and business logic into a specific architectural layer (i.e. the middleware), distinct from individual applications and accessible throughout the whole information system through services, as shown in Figure 2.

Keel: en
Alusdokumendid: ISO 12967-1:2020; EN ISO 12967-1:2020
Asendab dokumenti: EVS-EN ISO 12967-1:2011

EVS-EN ISO 12967-2:2020

Health informatics - Service Architecture (HISA) - Part 2: Information viewpoint (ISO 12967-2:2020)

This document specifies the fundamental characteristics of the information model implemented by a specific architectural layer (i.e. the service architecture) of the information system to provide a comprehensive and integrated storage of the common enterprise data and to support the fundamental business processes of the healthcare organization, as defined in ISO 12967-1. The information model is specified in this document without any explicit or implicit assumption on the physical technologies, tools or solutions to adopt for its physical implementation in the various target scenarios. The specification is nevertheless formal, complete and non-ambiguous enough to allow implementers to derive an efficient design of the system in the specific technological environment that will be selected for the physical implementation. This document does not aim at representing a fixed, complete, specification of all possible data that can be necessary for any requirement of any healthcare enterprise. It specifies only a set of characteristics, in terms of overall organization and individual information objects, identified as fundamental and common to all healthcare organizations, and that is satisfied by the information model implemented by the service architecture. Preserving consistency with the provisions of this document, physical implementations are allowed extensions to the standard information model in order to support additional and local requirements. Extensions include both the definition of additional attributes in the objects of the standard model, and the implementation of entirely new objects. Also, this document specification is extensible over time according to the evolution of the applicable standardization initiatives. The specification of extensions is carried out according to the methodology defined in ISO 12967-1:2020, Clause 7.

Keel: en
Alusdokumendid: ISO 12967-2:2020; EN ISO 12967-2:2020
Asendab dokumenti: EVS-EN ISO 12967-2:2011

EVS-EN ISO 12967-3:2020

Health informatics - Service Architecture (HISA) - Part 3: Computational viewpoint (ISO 12967-3:2020)

This document specifies the fundamental characteristics of the computational model implemented by a specific architectural layer of the information system (i.e. the service architecture) to provide a comprehensive and integrated interface to the common enterprise information and to support the fundamental business processes of the healthcare organization, as defined in ISO 12967-1. The computational model is specified without any explicit or implicit assumption about the physical technologies, tools or solutions to adopt for its physical implementation in the various target scenarios. The specification is nevertheless formal, complete and non-ambiguous enough to allow implementers to derive an efficient design of the system in the specific technological environment which will be selected for the physical implementation. The computational model specified in this document provides the basis for ensuring consistency between different engineering and technology specifications (including programming languages and communication mechanisms) since they are intended to be consistent with the same computational object model. This consistency allows open inter-working and portability of components in the resulting implementation. This document does not aim at representing a fixed, complete, specification of all possible interfaces that might be necessary for any requirement of any healthcare enterprise. It specifies only a set of characteristics — in terms of overall organization and individual computational objects, identified as fundamental and common to all healthcare organizations, and that are satisfied by the computational model implemented by the service architecture. Preserving consistency with the provisions of this document, physical implementations of the computational model specified in this document can allow extensions in order to support additional and local requirements. Extensions can include both the definition of additional properties of the objects of the computational model specified in this document and the implementation of entirely new objects. Also, the computational model specified in this document can be extendable over time according to the evolution of the applicable standardization initiatives, in accordance to the methodology defined in ISO 12967-1:2020, Clause 7, which identifies a set of healthcare common information services, describing the requirements behind them and the methodology through which they will be used. The information services specified in this document are only the minimal set identifiable according to the identified requirements of the healthcare enterprise, and constituting the service architecture (i.e. the integration platform) to serve as the basis for healthcare applications, e.g. EHR or patient administration.

Keel: en
Alusdokumendid: ISO 12967-3:2020; EN ISO 12967-3:2020
Asendab dokumenti: EVS-EN ISO 12967-3:2011

EVS-EN ISO 13143-1:2020

Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to ISO 12813 - Part 1: Test suite structure and test purposes (ISO 13143-1:2020)

This document specifies the test suite structure (TSS) and test purposes (TPs) for evaluating the conformity of on-board equipment (OBE) and roadside equipment (RSE) to ISO 12813. It provides a basis for conformance tests for dedicated short-range communication (DSRC) OBE and RSE to support interoperability between different equipment supplied by different manufacturers. ISO 12813 defines requirements on the compliance check communication (CCC) interface level, but not for the RSE or OBE internal functional behaviour. Consequently, tests regarding OBE and/or RSE functional behaviour remain outside the scope of this document.

Keel: en
Alusdokumendid: ISO 13143-1:2020; EN ISO 13143-1:2020
Asendab dokumenti: EVS-EN ISO 13143-1:2016

EVS-EN ISO 21597-2:2020

Information container for linked document delivery - Exchange specification - Part 2: Link types (ISO 21597-2:2020)

This document provides the opportunity to add information about the contents of a container by further specializing the generic types of links specified in ISO 21597-1. The defined link types have been chosen to enhance the use of the container by allowing the addition of semantic relationships that are human interpretable to provide greater clarity about those links.

Keel: en
Alusdokumendid: ISO 21597-2:2020; EN ISO 21597-2:2020

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 12215-10:2020

Väikelaevad. Kerekonstruktsioon ja dimensioneerimine. Osa 10: Taglastuskoormus ja taglase kinnitamine purjelaeval
Small craft - Hull construction and scantlings - Part 10: Rig loads and rig attachment in sailing craft (ISO 12215-10:2020)

This document specifies methods for the determination of: - the design loads and design stresses on rig elements; and - the loads and scantlings of rig attachments and mast steps/pillars; on monohull and multihulls sailing craft. It also gives, in Annexes, "established practices" for the assessment of mast steps/pillars or chainplates NOTE 1 Other engineering methods can be used provided the design loads and design stresses are used. This document is applicable to craft with a hull length LH up to 24 m but it can also be applied to craft up to 24 m load line length. NOTE 2 The load line length is defined in the OMI "International Load Lines Convention 1966/2005", it is smaller than LH. This length also sets up, at 24 m, the lower limit of several IMO conventions. Scantlings derived from this document are primarily intended to apply to recreational craft, including charter vessels. This document is not applicable to racing craft designed only for professional racing. This document only considers the loads exerted when sailing. Any loads that may result from other situations are not considered in this document. Throughout this document, and unless otherwise specified, dimensions are in (m), areas in (m2), masses in (kg), forces in (N), moments in (N m), stresses and elastic modulus in N/mm2 (1 N / mm2 = 1 Mpa). Unless otherwise stated, the craft is assessed in fully loaded ready for use condition.

Keel: en
Alusdokumendid: ISO 12215-10:2020; EN ISO 12215-10:2020

EVS-EN ISO 12215-7:2020

Väikelaevad. Kerekonstruktsioon ja dimensioneerimine. Osa 7: Mitmekereliste ja nende prusside kandevõime määramine ISO 12215-5 abil
Small craft - Hull construction and scantlings - Part 7: Determination of loads for multihulls and of their local scantlings using ISO 12215-5 (ISO 12215-7:2020)

This document defines the dimensions, local design pressures and global loads acting on multihull craft with a hull length (LH) or load line length of up to 24 m (see Note). It considers all parts of the craft that are assumed watertight or weathertight when assessing stability, freeboard and buoyancy in accordance with ISO 12217 (all parts). Scantlings corresponding to the local design pressures are then assessed using ISO 12215-5. NOTE The load line length is defined in the OMI "International Load Lines Convention 1966/2005", it can be smaller than LH for craft with overhangs. This length also sets up at 24 m the lower limit of several IMO conventions. This document is applicable to multihulls built from the same materials as in ISO 12215-5, in intact condition, and of the two following types: - recreational craft, including recreational charter vessels; - commercial craft and workboats. It is not applicable to multihull racing craft designed only for professional racing. This document is applicable to the structures supporting windows, portlights, hatches, deadlights and doors. For the complete scantlings of the craft, this document is intended to be used in conjunction with ISO 12215-8 for rudders, ISO 12215-9 for appendages of sailing craft and ISO 12215-10 for rig loads and rig attachment in sailing craft. ISO 12215-6 can be used for additional details. Throughout this document, unless otherwise specified, dimensions are in (m), areas in (m2), masses in (kg), forces in (N), moments in (Nm), Pressures in (kN/m2) (1 kN/m2 = 1 kPa), stresses and elastic modulus in (N/mm2) (1 N/mm2 = 1 MPa).

Keel: en
Alusdokumendid: ISO 12215-7:2020; EN ISO 12215-7:2020

EVS-EN ISO 8666:2020

Väikelaevad. Põhiandmed
Small craft - Principal data (ISO 8666:2020)

This document establishes definitions of main dimensions and related data and of mass specifications and loading conditions. It applies to small craft having a length of the hull (LH) of up to 24 m.

Keel: en
Alusdokumendid: ISO 8666:2020; EN ISO 8666:2020
Asendab dokumenti: EVS-EN ISO 8666:2018

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 12225:2020

Geosynthetics - Method for determining the microbiological resistance by a soil burial test

This document specifies a method for the determination of the microbiological resistance of geosynthetics including those of natural fibres and biodegradable polymers by a soil burial test. NOTE Experience and exhumation of geosynthetics which had performed successfully, in some cases for more than two decades, indicate that geosynthetics made out of synthetic materials are generally resistant against microbial initiated decay. It can therefore be expected that most of these products commercially available at the present time will pass the soil burial test successfully and it is probably not necessary to submit them all to this test independent of their function. However, if the requirements for appropriate functioning of the geosynthetics demand proof of microbiological resistance or if they are manufactured from newly developed polymers whose resistance is in any doubt, the soil burial test can provide additional information.

Keel: en
Alusdokumendid: EN 12225:2020
Asendab dokumenti: EVS-EN 12225:2001

EVS-EN ISO 12945-1:2020

Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 1: Pilling box method (ISO 12945-1:2020)

This document specifies a method for the determination of the resistance to pilling, fuzzing, and matting of textile fabrics using a rotating pilling box apparatus.

Keel: en
Alusdokumendid: ISO 12945-1:2020; EN ISO 12945-1:2020
Asendab dokumenti: EVS-EN ISO 12945-1:2001

EVS-EN ISO 12945-2:2020

Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 2: Modified Martindale method (ISO 12945-2:2020)

This document specifies a method for the determination of the resistance to pilling, fuzzing, and matting of textile fabrics using a modified Martindale method.

Keel: en
Alusdokumendid: ISO 12945-2:2020; EN ISO 12945-2:2020
Asendab dokumenti: EVS-EN ISO 12945-2:2000

EVS-EN ISO 12945-3:2020

Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 3: Random tumble pilling method (ISO 12945-3:2020)

This document specifies a method for the determination of the resistance to pilling, fuzzing, and matting of textile fabrics using the random tumble pilling tester. This method is applicable to most of woven and knitted fabrics, including napped fabrics (fleeces, inlay fabrics). This method is not applicable to fabrics which cannot tumble freely.

Keel: en
Alusdokumendid: ISO 12945-3:2020; EN ISO 12945-3:2020
Asendab dokumenti: EVS-EN ISO 12945-3:2014

EVS-EN ISO 12945-4:2020

Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 4: Assessment of pilling, fuzzing or matting by visual analysis (ISO 12945-4:2020)

This document specifies a method for the visual assessment of pilling, fuzzing, and matting respectively of textile fabrics. This method is applicable to most of woven and knitted fabrics, including napped fabrics (fleeces, inlay fabrics).

Keel: en
Alusdokumendid: ISO 12945-4:2020; EN ISO 12945-4:2020

61 RÕIVATÖÖSTUS

EVS-EN ISO 24263:2020
Footwear - Attachment strength of straps, trims and accessories (ISO 24263:2020)

This standard describes a method for determining the attachment strength of footwear upper straps joined to the sole, upper decorations, hooks, eyelets and trims.

Keel: en
Alusdokumendid: ISO 24263:2020; EN ISO 24263:2020

EVS-EN ISO 24266:2020
Footwear - Test methods for whole shoe - Flexing durability (ISO 24266:2020)

This International Standard specifies two test methods for the determination of the flexing durability of whole shoes. The two methods may not give comparable results. These methods are not applicable to the whole shoes with heel height more than 70 mm, or the thickness of flexing area of the soles more than 25 mm, or flexing angle less than 45° according to ISO 17707:2005 clause 6 rigidity test.

Keel: en
Alusdokumendid: ISO 24266:2020; EN ISO 24266:2020

EVS-EN ISO 24267:2020
Footwear - Determination of coefficient of friction for footwear and sole components - Test method (ISO 24267:2020)

This method determines the coefficient of friction between footwear and floorings under conditions simulating those experienced in the phases of a typical walking step when slip is most likely to occur. The method is applicable to all types of footwear, outsole units, heel top pieces (top lifts) and sheet soling materials.

Keel: en
Alusdokumendid: ISO 24267:2020; EN ISO 24267:2020

65 PÕLLUMAJANDUS

EVS-EN 17411:2020
Fertilizers - Determination of perchlorate in mineral fertilizers by liquid chromatography and tandem mass spectrometry detection (LC-MS/MS)

This document specifies a method for the determination of traces of perchlorate by liquid chromatography and tandem mass spectrometry detection (LC-MS/MS). The method is applicable to mineral fertilizers.

Keel: en
Alusdokumendid: EN 17411:2020

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 17424:2020
Foodstuffs - Determination of aflatoxins in spices other than paprika by IAC clean-up and HPLC-FLD with post-column derivatization

This document describes a procedure for the determination of aflatoxins B1, B2, G1 and G2 and total aflatoxins (sum of B1, B2, G1 and G2) in spices for which EU maximum levels are established, other than paprika, by high performance liquid chromatography (HPLC) with post-column derivatization (PCD) and fluorescence detection (FLD) after immunoaffinity column (IAC) clean-up. The method is applicable to the spices capsicum (excluding paprika), pepper, nutmeg, ginger, turmeric and mixtures thereof. The method has been validated for aflatoxins B1, B2, G1 and G2 and total aflatoxins in a range of test samples that comprised: ginger, pepper, nutmeg, chilli, turmeric as individual spices and mixed pepper + chilli + nutmeg (90 + 5 + 5, m + m + m), mixed spice+ginger (6 + 4, m + m) mixed spice, mixed turmeric+ginger (2 + 8, m + m). The validation was carried out over the following concentration ranges: aflatoxin B1 = 1 µg/kg to 16 µg/kg and total aflatoxins = 2,46 µg/kg to 36,1 µg/kg.

Keel: en
Alusdokumendid: EN 17424:2020

71 KEEMILINE TEHNOLOOGIA

EVS-EN 17127:2020
Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

This document defines the minimum requirements to ensure the interoperability of hydrogen refuelling points, including refuelling protocols that dispense gaseous hydrogen to road vehicles (e.g. Fuel Cell Electric Vehicles) that comply with legislation applicable to such vehicles. The safety and performance requirements for the entire hydrogen fuelling station, addressed in accordance with existing relevant European and national legislation, are not included in this document. NOTE Guidance on considerations for hydrogen fuelling stations is provided in ISO 19880-1:2020.

Keel: en
Alusdokumendid: EN 17127:2020
Asendab dokumenti: EVS-EN 17127:2018

73 MÄENDUS JA MAAVARAD

EVS-EN 15571:2020

Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Ohutus. Nõuded pinnaviimistlusmasinatele
Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface-finishing machines

This document applies to stationary surface-finishing machines with stationary work piece (see 3.1) or with moving work piece (see 3.2) which are used to grind or polish horizontal surfaces of slabs, strips or tiles of natural stone and engineered stone (e.g. agglomerated stone) as defined by EN 14618:2009. This document deals with all significant hazards, hazardous situations and events relevant to surface-finishing machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. This document deals with the foreseeable lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping. This document does not deal with: - hand-held grinding machines; - machines intended for operation in a potentially explosive atmosphere; - operation in severe environmental conditions (e.g. extreme temperatures, corrosive environment); - machines intended for outdoor operation. This document is not applicable to machinery which is manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: EN 15571:2020
Asendab dokumenti: EVS-EN 15571:2014

EVS-EN 16564:2020

Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Ohutus. Nõuded sildsaagidele/freesidele, kaasa arvatud arvjuhtimisega (NC/CNC) versioonidele
Machines and plants for mining and tooling of natural stone - Safety - Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

This document deals with all significant hazards, hazardous situations and events which are relevant to: - bridge sawing machines; - bridge sawing and milling machines; - numerical control bridge sawing/milling machines. These machines are designed to saw and mill natural stone and engineered/agglomerated stone as defined by EN 14618:2009, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. This document deals with the foreseeable lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping. This document also applies to machines fitted with the following facilities/devices: - mechanical, pneumatic, hydraulic or vacuum workpiece clamping; - automatic tool change; - loading and unloading conveyor system; - tilting and/or rotating head axis; - rotating workpiece support(s); - tilting workpiece support(s) when loading; - lathe unit; - undercut grooving unit; - axes operating in accordance with an NC work programme. This document does not apply to: - machines intended for operation in a potentially explosive atmosphere; - machines operating in severe environmental conditions (e.g. extreme temperatures, corrosive environment); - machines intended for outdoor operation; - machines which are manufactured before the date of their publication as EN.

Keel: en
Alusdokumendid: EN 16564:2020
Asendab dokumenti: EVS-EN 16564:2014

EVS-ISO 334-MOD:2020

Kivisüsi ja koks. Üldväävli määramine. Eschka meetod
Coal and coke - Determination of total sulfur - Eschka method (ISO 334:2020, modified)

See dokument käsitleb üldväävli määramist kivisöes, pruunsöes ja ligniidis, koksis, [MOD] põlevkivis ja selle termilise töötlemise ja põletamise tahketes jääkides [MOD], kasutades Eschka meetodit referentsmeetodina.

Keel: en
Alusdokumendid: ISO 334:2020
Asendab dokumenti: EVS-ISO 334:2019

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 17127:2020

Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

This document defines the minimum requirements to ensure the interoperability of hydrogen refuelling points, including refuelling protocols that dispense gaseous hydrogen to road vehicles (e.g. Fuel Cell Electric Vehicles) that comply with legislation applicable to such vehicles. The safety and performance requirements for the entire hydrogen fuelling station, addressed in accordance with existing relevant European and national legislation, are not included in this document. NOTE Guidance on considerations for hydrogen fuelling stations is provided in ISO 19880-1:2020.

Keel: en
Alusdokumendid: EN 17127:2020
Asendab dokumenti: EVS-EN 17127:2018

EVS-EN ISO 3104:2020

Naftasaadused. Läbipaistvad ja läbipaistmatud vedelikud. Kinemaatilise viskoossuse määramine ja dünaamilise viskoossuse arvutamine
Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:2020)

Selles dokumendis täpsustatakse toimingut A, milles kasutatakse käsitsi klaasviskosimeetreid, ja toimingut B, milles kasutatakse automatiseeritult klaaskapillaarviskosimeetreid, läbipaistvate ja läbipaistmatute vedelate naftatoodete kinemaatilise viskoossuse v määramisel, kus mõõdetakse aega, mil vedeliku maht voolab raskusjõu mõjul läbi kalibreeritud klaaskapillaarviskosimeetri. Dünaamiline viskoossus η saadakse mõõdetud kinemaatilise viskoossuse ja vedeliku tiheduse ρ korrutisena. Selle katsemeetodi kinemaatiliste viskoossuste vahemik temperatuurivahemikus –20 °C kuni +150 °C on 0,2 mm2/s kuni 300 000 mm2/s. MÄRKUS Selle dokumendiga saadud tulemus sõltub proovi käitumisest; see standard on ette nähtud vedelike jaoks, millel peamiselt nihkepinge ja nihkekiirus on võrreldavad (Newtoni voolukäitumine). Kui aga viskoossus muutub märkimisväärselt nihkekiiruse kohaselt, võib erineva kapillaaride läbimõõduga viskosimeetrite korral saada eri tulemusi. Samuti on lisatud toimingud ja täpsusväärtused jääkkütteõlidele, mis näitavad mitte-Newtoni käitumist teatud tingimustel.

Keel: en, et
Alusdokumendid: EN ISO 3104:2020; ISO 3104:2020
Asendab dokumenti: EVS-EN ISO 3104:2000

EVS-ISO 334-MOD:2020

Kivisüsi ja koks. Üldväävli määramine. Eschka meetod
Coal and coke - Determination of total sulfur - Eschka method (ISO 334:2020, modified)

See dokument käsitleb üldväävli määramist kivisöes, pruunsöes ja ligniidis, koksis, [MOD] põlevkivis ja selle termilise töötlemise ja põletamise tahketes jääkides [MOD], kasutades Eschka meetodit referentsmeetodina.

Keel: en
Alusdokumendid: ISO 334:2020
Asendab dokumenti: EVS-ISO 334:2019

EVS-ISO 587-MOD:2020

Kivisüsi ja koks. Kloori määramine Eschka segu abil
Coal and coke - Determination of chlorine using Eschka mixture (ISO 587:2020, modified)

See rahvusvaheline standard käsitleb kloori sisalduse määramist kivisöes, pruunsöes ja ligniidis, [MOD] turbas, põlevkivis ja selle termilise töötlemise ja põletamise tahkete jääkides [MOD] ja koksis, kasutades Eschka segu.

Keel: en
Alusdokumendid: ISO 587:2020
Asendab dokumenti: EVS-ISO 587:2018

91 EHITUSMATERJALID JA EHITUS

EVS-EN 1004-1:2020

Mobile access and working towers made of prefabricated elements - Part 1: Materials, dimensions, design loads, safety and performance requirements

This document applies to the design of mobile access and working towers made of prefabricated elements with dimensions which are fixed by the design and with a height up to 12 m (indoors) and up to 8 m (outdoors). This document applies to mobile access and working towers used as temporary work equipment. This document: - gives guidelines for the choice of the main dimensions and stabilizing methods, - gives safety and performance requirements, and - gives information on complete towers. This product standard does not apply to scaffolds according to EN 12810-1 and EN 12811-1.

Keel: en
Alusdokumendid: EN 1004-1:2020
Asendab dokumenti: EVS-EN 1004:2005

EVS-EN 17423:2020

Energy performance of buildings - Determination and reporting of Primary Energy Factors (PEF) and CO2 emission coefficient - General Principles, Module M1-7

This document provides a transparent framework for reporting on the choices related to the procedure to determine primary energy factors (PEFs) and CO2 emission coefficients for energy delivered to and exported from the buildings as described in EN ISO 52000-1. This document specifies the choices to be made to calculate the PEF(s) and CO2 emission coefficients related to different energy carriers. PEFs and CO2 emission coefficients for exported energy can be different from those chosen for delivered energy. This document is primarily intended for supporting and complementing EN ISO 52000-1, as the latter requires values for the PEFs and CO2 emission coefficients to complete the EPB calculation. But it can also be used for other applications. NOTE The CO2 emission coefficients allow calculating greenhouse gas emissions. According to the choices made, the CO2 emission coefficients represent only CO2 emissions or also other greenhouse gases. Table 1 shows the position (marked by "X") of this

document within the modular structure as set out in EN ISO 52000-1. The modules represent EPB standards, although one EPB standard may cover more than one module and one module may be covered by more than one EPB standard, for instance a simplified and a detailed method respectively.

Keel: en
Alusdokumendid: EN 17423:2020

EVS-EN ISO 12999-1:2020

Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 1: Sound insulation (ISO 12999-1:2020)

This document specifies procedures for assessing the measurement uncertainty of sound insulation in building acoustics. It provides for — a detailed uncertainty assessment; — a determination of uncertainties by inter-laboratory tests; — an application of uncertainties. Furthermore, typical uncertainties are given for quantities determined according to ISO 10140 (all parts), ISO 16283 (all parts) and ISO 717 (all parts).

Keel: en
Alusdokumendid: ISO 12999-1:2020; EN ISO 12999-1:2020
Asendab dokumenti: EVS-EN ISO 12999-1:2014

EVS-EN ISO 21597-2:2020

Information container for linked document delivery - Exchange specification - Part 2: Link types (ISO 21597-2:2020)

This document provides the opportunity to add information about the contents of a container by further specializing the generic types of links specified in ISO 21597-1. The defined link types have been chosen to enhance the use of the container by allowing the addition of semantic relationships that are human interpretable to provide greater clarity about those links.

Keel: en
Alusdokumendid: ISO 21597-2:2020; EN ISO 21597-2:2020

93 RAJATISED

EVS-EN 12715:2020

Execution of special geotechnical work - Grouting

This document is applicable to the execution, testing and monitoring of geotechnical grouting work. Grouting for geotechnical purposes (geotechnical grouting) is a process in which the remote placement of a pumpable material in the ground is indirectly controlled by adjusting its rheological characteristics and by the manipulation of the placement parameters (pressure, volume and the flow rate). The following principles and methods of geotechnical grouting are covered by this document: - displacement grouting (compaction and compensation grouting); - grouting without displacement of the host material (permeation, fissure/contact grouting, bulk filling). Figure 1 illustrates the various injection methods associated with these two principles. NOTE The term consolidation grouting is sometimes used to emphasize an improvement in the strength or deformation characteristics of a soil or rock mass, with the aim that it does not undergo any unacceptable deformation. The term compensation grouting is used when the objective of grouting is to concurrently compensate for ground loss. The principal objectives of geotechnical grouting are: - the modification of the hydraulic/hydrogeological characteristics of the ground; - the modification of the mechanical properties of the ground; - the filling of natural cavities, mine workings, voids adjacent to structures; - inducing displacement to compensate for ground loss or to stabilize and lift footings, slabs and pavements. Specialized grouting activities, generally associated with structural and/or emergency works, are not covered by this document. The execution, testing and monitoring of jet grouting work is not covered by this document and is covered by EN 12716.

Keel: en
Alusdokumendid: EN 12715:2020
Asendab dokumenti: EVS-EN 12715:2000

EVS-EN 13231-2:2020

Railway applications - Track - Acceptance of works - Part 2: Acceptance of reprofiling rails in plain line, switches, crossings and expansion devices

This document defines the technical requirements and measurements for the acceptance of works for longitudinal and/or transverse reprofiling of railway rail heads in plain line, switches and crossings and expansion devices. This document applies to Vignole rails of 46 kg/m and above according to EN 13674-1.

Keel: en
Alusdokumendid: EN 13231-2:2020
Asendab dokumenti: EVS-EN 13231-3:2012
Asendab dokumenti: EVS-EN 13231-4:2013

EVS-EN 13848-2:2020

Railway applications - Track - Track geometry quality - Part 2: Measuring systems - Track recording vehicles

This document specifies the minimum requirements for track geometry measuring principles and track geometry measuring systems in order to produce comparable results when measuring the same track. It applies to all measuring systems, attended or unattended, fitted on any vehicle, except those systems defined in EN 13848 3 and EN 13848 4. Only systems put into service

after the standard comes into force are concerned. This document does not define the requirements for vehicle acceptance. This document does not apply to measuring systems dedicated to Urban Rail Systems.

Keel: en
Alusdokumendid: EN 13848-2:2020
Asendab dokumenti: EVS-EN 13848-2:2006

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 13451-1:2020

Swimming pool equipment - Part 1: General safety requirements and test methods for equipment installed in pools for public use

This document specifies general safety requirements and test methods for equipment installed in swimming pools for public use as classified in EN 15288-1 and EN 15288-2. Where specific standards exist, this general standard is not expected to be used alone. Special care is expected to be taken in applying this general standard alone to equipment for which no product specific standard has yet been published.

Keel: en
Alusdokumendid: EN 13451-1:2020
Asendab dokumenti: EVS-EN 13451-1:2011+A1:2016

EVS-EN 60436:2020/A11:2020

Kodumajapidamises kasutatavad elektrilised nõudepesumasinad. Toimivuse mõõtemeetodid Electric dishwashers for household use - Methods for measuring the performance

Standardi EN 60436:2020 muudatus

Keel: en
Alusdokumendid: EN 60436:2020/A11:2020
Muudab dokumenti: EVS-EN 60436:2020

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO/IEC 17000:2005
Vastavushindamine. Sõnavara ja üldpõhimõtted
Conformity assessment - Vocabulary and general principles

Keel: et-en
Alusdokumendid: ISO/IEC 17000:2004; EN ISO/IEC 17000:2004
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 17000:2020
Standardi staatus: Kehtetu

ISO/TS 80004-3:2010 et
Nanotehnoloogiad. Sõnavara. Osa 3: Süsinik-nanoobjektid
Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects

Keel: et
Alusdokumendid: ISO/TS 80004-3:2010
Standardi staatus: Kehtetu

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

EVS-EN ISO 13143-1:2016
Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to ISO 12813 - Part 1: Test suite structure and test purposes (ISO 13143-1:2016)

Keel: en
Alusdokumendid: ISO 13143-1:2016; EN ISO 13143-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 13143-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO/IEC 17000:2005
Vastavushindamine. Sõnavara ja üldpõhimõtted
Conformity assessment - Vocabulary and general principles

Keel: et-en
Alusdokumendid: ISO/IEC 17000:2004; EN ISO/IEC 17000:2004
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 17000:2020
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN 12225:2001
Geotekstiil ja geotekstiilitaolised tooted. Meetod mikrobioloogilise püsivuse määramiseks pinnasesse matmise katsega
Geotextiler and geotextile-related products - Method for determining the microbiological resistance by a soil burial test

Keel: en
Alusdokumendid: EN 12225:2000
Asendatud järgmise dokumendiga: EVS-EN 12225:2020
Standardi staatus: Kehtetu

ISO/TS 80004-3:2010 et
Nanotehnoloogiad. Sõnavara. Osa 3: Süsinik-nanoobjektid
Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects

Keel: et
Alusdokumendid: ISO/TS 80004-3:2010
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 18779:2005
Hapniku ja hapnikusegude konserveerimiseks kasutatavad meditsiiniseadmed. Erinõuded
Medical devices for conserving oxygen and oxygen mixtures - Particular requirements

Keel: en
Alusdokumendid: ISO 18779:2005; EN ISO 18779:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 80601-2-67:2020
Standardi staatus: Kehtetu

EVS-EN ISO 80601-2-69:2014
Elektrilised meditsiiniseadmed. Osa 2-69: Erinõuded hapnikukontsentraatorite esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment (ISO 80601-2-69:2014)

Keel: en
Alusdokumendid: ISO 80601-2-69:2014; EN ISO 80601-2-69:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 80601-2-69:2020
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CLC/TS 50136-9:2017
Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP)

Keel: en
Alusdokumendid: CLC/TS 50136-9:2017
Asendatud järgmise dokumendiga: CLC/TS 50136-9:2020
Standardi staatus: Kehtetu

EVS-EN 13819-1:2003
Kuulmiskaitsevahendid. Katsetamine. Osa 1: Füüsikalise katse meetodid
Hearing protectors - Testing - Part 1: Physical test methods

Keel: en
Alusdokumendid: EN 13819-1:2002
Asendatud järgmise dokumendiga: EVS-EN 13819-1:2020
Standardi staatus: Kehtetu

EVS-EN 13819-2:2002
Kuulmiskaitsevahendid. Katsetamine. Osa 2: Akustilised katsemeetodid
Hearing protectors - Testing - Part 2: Acoustic test methods

Keel: en
Alusdokumendid: EN 13819-2:2002
Asendatud järgmise dokumendiga: EVS-EN 13819-2:2020
Standardi staatus: Kehtetu

EVS-EN 352-1:2003
Kuulmiskaitsevahendid. Üldnõuded. Osa 1: Kõrvapolstrid
Hearing protectors - General requirements - Part 1: Ear-Muffers

Keel: en
Alusdokumendid: EN 352-1:2002
Asendatud järgmise dokumendiga: EVS-EN 352-1:2020
Standardi staatus: Kehtetu

EVS-EN 352-2:2003
Kuulmiskaitsevahendid. Üldnõuded. Osa 2: Kõrvatropid
Hearing protectors - General requirements - Part 2: Ear-plugs

Keel: en
Alusdokumendid: EN 352-2:2002
Asendatud järgmise dokumendiga: EVS-EN 352-2:2020
Standardi staatus: Kehtetu

EVS-EN 352-3:2003

Kuulmiskaitsevahendid. Üldnõuded. Osa 3: Tööstusliku kaitsekiivri juurde kuuluvad kõrvapolstrid
Hearing protectors - General requirements - Part 3: Ear-muffs attached to an industrial safety helmet

Keel: en
Alusdokumendid: EN 352-3:2002
Asendatud järgmise dokumendiga: EVS-EN 352-3:2020
Standardi staatus: Kehtetu

EVS-EN 352-4:2001

Kuulmiskaitsevahendid. Ohutusnõuded ja katsetamine. Osa 4: (Müra) tasemest sõltuvad kõrvakaitsed
Hearing protectors - Safety requirements and testing - Part 4: Level-dependent ear-muffs

Keel: en
Alusdokumendid: EN 352-4:2001
Asendatud järgmise dokumendiga: EVS-EN 352-4:2020
Muudetud järgmise dokumendiga: EVS-EN 352-4:2001/A1:2005
Standardi staatus: Kehtetu

EVS-EN 352-4:2001/A1:2005

Kuulmiskaitsevahendid. Ohutusnõuded ja katsetamine. Osa 4: (Müra) tasemest sõltuvad kõrvakaitsed
Hearing protectors - Safety requirements and testing - Part 4: Level-dependent ear-muffs

Keel: en
Alusdokumendid: EN 352-4:2001/A1:2005
Asendatud järgmise dokumendiga: EVS-EN 352-4:2020
Standardi staatus: Kehtetu

EVS-EN 352-7:2003

Kuulmiskaitsevahendid. Ohutusnõuded ja katsetamine. Osa 7: (Müra) tasemest sõltuvad kõrvatropid
Hearing protectors - Safety requirements and testing - Part 7: Level-dependent ear-plugs

Keel: en
Alusdokumendid: EN 352-7:2002
Asendatud järgmise dokumendiga: EVS-EN 352-7:2020
Standardi staatus: Kehtetu

EVS-EN 352-8:2008

Kuulmiskaitsevahendid. Ohutusnõuded ja katsetamine. Osa 8: Meelelahutuslike audioseadmete kõrvaklapid
Hearing protectors - Safety requirements and testing - Part 8: Entertainment audio ear-muffs

Keel: en
Alusdokumendid: EN 352-8:2008
Asendatud järgmise dokumendiga: EVS-EN 352-8:2020
Standardi staatus: Kehtetu

EVS-EN ISO 11690-1:1999

Akustika. Soovituslikud juhised mehhanisme hõlmavate müravabade töökohtade loomiseks. Osa 1: Müratasеme alandamise strateegiad
Acoustics - Recommended practice for the design of low-noise workplaces containing machinery - Part 1: Noise control strategies

Keel: en
Alusdokumendid: ISO 11690-1:1996; EN ISO 11690-1:1996
Asendatud järgmise dokumendiga: EVS-EN ISO 11690-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 11690-2:1999

Akustika. Soovituslikud juhised mehhanisme hõlmavate müravabade töökohtade loomiseks. Osa 2: Müratasеme alandamise meetmed
Acoustics - Recommended practice for the design of low-noise workplaces containing machinery - Part 2: Noise control measures

Keel: en

Alusdokumendid: ISO 11690-2:1996; EN ISO 11690-2:1996
Asendatud järgmise dokumendiga: EVS-EN ISO 11690-2:2020
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60645-3:2007

Elektroakustika. Audiomeetriaseadmed. Osa 3: Lühikese kestusega katsesignaalid
Electroacoustics - Audiometric equipment - Part 3: Test signals of short duration

Keel: en
Alusdokumendid: IEC 60645-3:2007; EN 60645-3:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60645-3:2020
Standardi staatus: Kehtetu

EVS-EN ISO 12999-1:2014

Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 1: Sound insulation (ISO 12999-1:2014)

Keel: en
Alusdokumendid: ISO 12999-1:2014; EN ISO 12999-1:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 12999-1:2020
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 12668-3:2013

Non-destructive testing - Characterization and verification of ultrasonic examination equipment - Part 3: Combined equipment

Keel: en
Alusdokumendid: EN 12668-3:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 22232-3:2020
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TR 14473:2014

Transportable gas cylinders - Porous materials for acetylene cylinders

Keel: en
Alusdokumendid: CEN/TR 14473:2014
Asendatud järgmise dokumendiga: CEN/TR 14473:2020
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 15571:2014

Looduskivi kaevandamise ja töötlemise masinad ning seadmed. Ohutus. Nõuded pinnaviimistlusmasinatele
Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface finishing machines

Keel: en
Alusdokumendid: EN 15571:2014
Asendatud järgmise dokumendiga: EVS-EN 15571:2020
Standardi staatus: Kehtetu

EVS-EN 16564:2014

Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Ohutus. Nõuded sildsaagidele/freesidele, kaasa arvatud arvjuhtimise (NC/CNC) versioonid
Machines and plants for mining and tooling of natural stone - Safety - Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

Keel: en
Alusdokumendid: EN 16564:2014
Asendatud järgmise dokumendiga: EVS-EN 16564:2020
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 17127:2018
Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

Keel: en
Alusdokumendid: EN 17127:2018
Asendatud järgmise dokumendiga: EVS-EN 17127:2020
Standardi staatus: Kehtetu

EVS-EN 60904-1:2007
Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics

Keel: en
Alusdokumendid: IEC 60904-1:2006; EN 60904-1:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60904-1:2020
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50342-4:2009
Lead-acid starter batteries -- Part 4: Dimensions of batteries for heavy vehicles

Keel: en
Alusdokumendid: EN 50342-4:2009
Asendatud järgmise dokumendiga: EVS-EN 50342-4:2020
Standardi staatus: Kehtetu

EVS-EN 50397-1:2007
Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. Part 1: Covered conductors

Keel: en
Alusdokumendid: EN 50397-1:2006
Asendatud järgmise dokumendiga: EVS-EN 50397-1:2020
Standardi staatus: Kehtetu

EVS-HD 380 S2:2003
Test methods for evaluating resistance to tracking and erosion of electrical insulating materials used under severe ambient conditions

Keel: en
Alusdokumendid: IEC 60587:1984; HD 380 S2:1987
Standardi staatus: Kehtetu

EVS-HD 480 S1:2003
Test method for evaluating thermal endurance of flexible sheet materials using the wrapped tube method

Keel: en
Alusdokumendid: IEC 60795:1984; HD 480 S1:1987
Standardi staatus: Kehtetu

EVS-HD 523.3.201 S1:2003
Specification for flexible insulation sleeving; Part 3: Specification requirements for individual types of sleeving; Sheet 201: Heat shrinkable sleeving, general purpose, flexible, cross-linked PVC, shrink ratio 2:1

Keel: en
Alusdokumendid: IEC 60684-3-201:1991; HD 523.3.201 S1:1993
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60603-7:2009
Elektroonikaseadmete liitmikud. Osa 7: 8-pooluseliste vabade ja kohtkindlate liitmike osade spetsifikatsioon
Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors

Keel: en
Alusdokumendid: IEC 60603-7:2008; EN 60603-7:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 60603-7:2020
Muudetud järgmise dokumendiga: EVS-EN 60603-7:2009/A1:2012
Muudetud järgmise dokumendiga: EVS-EN 60603-7:2009/A2:2019
Standardi staatus: Kehtetu

EVS-EN 60603-7:2009/A1:2012

Elektroonikaseadmete liitmikud. Osa 7: 8-pooluseliste vabade ja kohtkindlate liitmike osade spetsifikatsioon
Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors

Keel: en
Alusdokumendid: IEC 60603-7:2008/A1:2011; EN 60603-7:2009/A1:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60603-7:2020
Standardi staatus: Kehtetu

EVS-EN 60603-7:2009/A2:2019

Elektroonikaseadmete liitmikud. Osa 7: 8-pooluseliste vabade ja kohtkindlate liitmike osade spetsifikatsioon
Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors

Keel: en
Alusdokumendid: IEC 60603-7:2008/A2:2019; EN 60603-7:2009/A2:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60603-7:2020
Standardi staatus: Kehtetu

33 SIDETEHNIKA

CLC/TS 50136-9:2017

Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP)

Keel: en
Alusdokumendid: CLC/TS 50136-9:2017
Asendatud järgmise dokumendiga: CLC/TS 50136-9:2020
Standardi staatus: Kehtetu

EVS-EN 60268-16:2011

Sound system equipment - Part 16: Objective rating of speech intelligibility by speech transmission index

Keel: en
Alusdokumendid: IEC 60268-16:2011; EN 60268-16:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60268-16:2020
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN ISO 12967-1:2011

Health informatics - Service architecture - Part 1: Enterprise viewpoint (ISO 12967-1:2009)

Keel: en
Alusdokumendid: ISO 12967-1:2009; EN ISO 12967-1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 12967-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 12967-2:2011

Health informatics - Service architecture - Part 2: Information viewpoint (ISO 12967-2:2009)

Keel: en
Alusdokumendid: ISO 12967-2:2009; EN ISO 12967-2:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 12967-2:2020
Standardi staatus: Kehtetu

EVS-EN ISO 12967-3:2011

Health informatics - Service architecture - Part 3: Computational viewpoint (ISO 12967-3:2009)

Keel: en

Alusdokumendid: ISO 12967-3:2009; EN ISO 12967-3:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 12967-3:2020
Standardi staatus: Kehtetu

EVS-EN ISO 13143-1:2016

Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to ISO 12813 - Part 1: Test suite structure and test purposes (ISO 13143-1:2016)

Keel: en
Alusdokumendid: ISO 13143-1:2016; EN ISO 13143-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 13143-1:2020
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 8666:2018

Small craft - Principal data (ISO 8666:2016)

Keel: en
Alusdokumendid: ISO 8666:2016; EN ISO 8666:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 8666:2020
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 12225:2001

Geotekstiil ja geotekstiilitaolised tooted. Meetod mikrobioloogilise püsivuse määramiseks pinnasesse matmise katsega
Geotextiler and geotextile-related products - Method for determining the microbiological resistance by a soil burial test

Keel: en
Alusdokumendid: EN 12225:2000
Asendatud järgmise dokumendiga: EVS-EN 12225:2020
Standardi staatus: Kehtetu

EVS-EN 12332-2:2003

Rubber- or plastic-coated fabrics - Determination of bursting strength - Part 2: Hydraulic method

Keel: en
Alusdokumendid: EN 12332-2:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 3303-2:2020
Standardi staatus: Kehtetu

EVS-EN ISO 12945-1:2001

Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 1: Pilling box method

Keel: en
Alusdokumendid: ISO 12945-1:2000; EN ISO 12945-1:2000
Asendatud järgmise dokumendiga: EVS-EN ISO 12945-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 12945-2:2000

Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 2: Modified Martindale method

Keel: en
Alusdokumendid: ISO 12945-2:2000; EN ISO 12945-2:2000
Asendatud järgmise dokumendiga: EVS-EN ISO 12945-2:2020
Standardi staatus: Kehtetu

EVS-EN ISO 12945-3:2014

Textiles - Determination of the fabric propensity to surface pilling, fuzzing or matting - Part 3: Random tumble pilling method (ISO 12945-3:2014)

Keel: en
Alusdokumendid: ISO 12945-3:2014; EN ISO 12945-3:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 12945-3:2020
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 17127:2018
Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

Keel: en
Alusdokumendid: EN 17127:2018
Asendatud järgmise dokumendiga: EVS-EN 17127:2020
Standardi staatus: Kehtetu

73 MÄENDUS JA MAAVARAD

EVS-EN 15571:2014
Looduskivi kaevandamise ja töötlemise masinad ning seadmed. Ohutus. Nõuded pinnaviimistlusmasinatele
Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface finishing machines

Keel: en
Alusdokumendid: EN 15571:2014
Asendatud järgmise dokumendiga: EVS-EN 15571:2020
Standardi staatus: Kehtetu

EVS-EN 16564:2014
Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Ohutus. Nõuded sildsaagidele/freesidele, kaasa arvatud arvjuhtimise (NC/CNC) versioonid
Machines and plants for mining and tooling of natural stone - Safety - Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

Keel: en
Alusdokumendid: EN 16564:2014
Asendatud järgmise dokumendiga: EVS-EN 16564:2020
Standardi staatus: Kehtetu

EVS-ISO 334:2019
Tahked mineraalsed kütused. Üldväävli määramine. Eschka meetod
Solid mineral fuels - Determination of total sulfur - Eschka method (ISO 334:2013, modified)

Keel: en
Alusdokumendid: ISO 334:2013
Asendatud järgmise dokumendiga: EVS-ISO 334-MOD:2020
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 3104:2000
Naftasaadused. Läbipaistvad ja läbipaistmatud vedelikud. Kinemaatilise viskoossuse määramine ja dünaamilise viskoossuse arvutamine
Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity

Keel: en
Alusdokumendid: ISO 3104:1994; EN ISO 3104:1996+AC:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 3104:2020
Standardi staatus: Kehtetu

EVS-ISO 334:2019
Tahked mineraalsed kütused. Üldväävli määramine. Eschka meetod
Solid mineral fuels - Determination of total sulfur - Eschka method (ISO 334:2013, modified)

Keel: en
Alusdokumendid: ISO 334:2013
Asendatud järgmise dokumendiga: EVS-ISO 334-MOD:2020
Standardi staatus: Kehtetu

EVS-ISO 587:2018
Tahkekütused. Kloori määramine Eschka segu abil
Solid mineral fuels - Determination of chlorine using Eschka mixture (ISO 587:1997, modified)

Keel: en
Alusdokumendid: ISO 587:1997
Asendatud järgmise dokumendiga: EVS-ISO 587-MOD:2020
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 1004:2005
Mobile access and working towers made of prefabricated elements - Materials, dimensions, design loads, safety and performance requirements

Keel: en
Alusdokumendid: EN 1004:2004
Asendatud järgmise dokumendiga: EVS-EN 1004-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 12999-1:2014
Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 1: Sound insulation (ISO 12999-1:2014)

Keel: en
Alusdokumendid: ISO 12999-1:2014; EN ISO 12999-1:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 12999-1:2020
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 12715:2000
Execution of special geotechnical works - Grouting

Keel: en
Alusdokumendid: EN 12715:2000
Asendatud järgmise dokumendiga: EVS-EN 12715:2020
Standardi staatus: Kehtetu

EVS-EN 13231-3:2012
Raudteealased rakendused. Rööbastee. Tööde vastuvõtmine. Osa 3: Reprofileeritud rööbaste vastuvõtmine rööbasteel
Railway applications - Track - Acceptance of works - Part 3: Acceptance of reprofiling rails in track

Keel: en
Alusdokumendid: EN 13231-3:2012
Asendatud järgmise dokumendiga: EVS-EN 13231-2:2020
Standardi staatus: Kehtetu

EVS-EN 13231-4:2013
Raudteealased rakendused. Rööbastee. Tööde vastuvõtmine. Osa 4: Pöörmetel ja ristmetel rööbaste ümberprofileerimise vastuvõtmine
Railway applications - Track - Acceptance of works - Part 4: Acceptance of reprofiling rails in switches and crossings

Keel: en
Alusdokumendid: EN 13231-4:2013
Asendatud järgmise dokumendiga: EVS-EN 13231-2:2020
Standardi staatus: Kehtetu

EVS-EN 13848-2:2006
Railway applications - Track - Track geometry quality - Part 2: Measuring systems - Track recording vehicles

Keel: en
Alusdokumendid: EN 13848-2:2006
Asendatud järgmise dokumendiga: EVS-EN 13848-2:2020
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 13451-1:2011+A1:2016

Swimming pool equipment - Part 1: General safety requirements and test methods

Keel: en
Alusdokumendid: EN 13451-1:2011+A1:2016
Asendatud järgmise dokumendiga: EVS-EN 13451-1:2020
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 Standardikeskuse 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 Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN IEC 60445:2020

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

This document applies to the identification and marking of terminals of electrical equipment such as resistors, fuses, relays, contactors, transformers, rotating machines and, wherever applicable, to combinations of such equipment (e.g. assemblies), and also applies to the identification of terminations of certain designated conductors. It also provides general rules for the use of certain colours or alphanumeric notations to identify conductors with the aim of avoiding ambiguity and ensuring safe operation. These conductor colours or alphanumeric notations are intended to be applied in cables or cores, busbars, electrical equipment and installations. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. It is not intended for use by manufacturers or certification bodies. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 60445:202X; prEN IEC 60445:2020
Asendab dokumenti: EVS-EN 60445:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 6410-3

Technical drawings - Screw threads and threaded parts - Part 3: Simplified representation (ISO/DIS 6410-3:2020)

This document establishes rules for the simplified representation of threaded parts, with the exception of screw thread inserts, which are covered in ISO 6410-2. This representation is applicable when it is not necessary to show the exact shape and details of the parts (see ISO 6410-1), for example in assembly drawings.

Keel: en
Alusdokumendid: ISO/FDIS 6410-3; prEN ISO 6410-3
Asendab dokumenti: EVS-EN ISO 6410-3:1999

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEVS-ISO 3297

Informatsioon ja dokumentatsioon. Rahvusvaheline jadaväljaande standardnumber (ISSN) Information and documentation - International standard serial number (ISSN) (ISO 3297:2020, identical)

Selles dokumendis iseloomustatakse jadaväljaannete ja teiste pidevväljaannete ühest identimist võimaldavat standardnumbrit (ISSN) ning propageeritakse selle kasutamist. Iga rahvusvaheline jadaväljaande standardnumber (ISSN) on kindlal kandjal, trükisena või elektrooniliselt ilmunud jadaväljaande või muu pidevväljaande ainukordne identifikaator. Standard võimaldab ka omavahel seotud pidevväljaandeid koondada eri-eesliitega ISSNi abil identifitseeritud kobarateks. ISSN on rakendatav igasuguse ärimudeli või levitamisviisiga (näit. tasuta, vaba juurdepääsuga, tellimisel jne.) jadaväljaannetele ja teistele pidevväljaannetele sõltumata sellest, kas väljaanne ilmub praegu, on ilmumise lõpetanud või hakkab ilmuma lähemas tulevikus. Pidevväljaanded on, olenemata nende tootmiseks kasutatavast kandjast (trükis või elektrooniline): - jadaväljaanded, nagu ajalehed, pildiajakirjad,

teadusajakirjad, toimetised, koverentsikogumikud, määratlemata lõpuga raamatusarjad, aasta- või muu perioodi aruanded, ja -lõpetamata lõimväljaanded, nagu irdlehtväljaanded, uuendatavad veebilehed, blogid, asutuste repositooriumid, kataloogid ja andmebaasid. Monograafiatel, heli- ja videosalvestistel, noodiväljaannetel, audiovisuaalteostel, tekstilistel teostel ja muusikateostel on oma standardidentifikaatorid, mistõttu selles dokumendis neid lähemalt ei käsitleta. Juhul, kui need väljaanded on osa mõnest pidevväljaandest, saavad nad peale nende oma identifikaatori kanda ka ISSN-i. Märkus See dokument ei sisalda juhendeid ISSN-i praktiliseks kasutamiseks.

Keel: en
Alusdokumendid: ISO 3297:2020
Asendab dokumenti: EVS-ISO 3297:2018

Arvamusküsitluse lõppkuupäev: 29.01.2021

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 60335-2-15:2016/prA1:2020

Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids

This European Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-15:2012/A1:2016; EN 60335-2-15:2016/prA1:2020
Muudab dokumenti: EVS-EN 60335-2-15:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

EN 60335-2-15:2016/prA12:2020

Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids

This European Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: EN 60335-2-15:2016/prA12:2020
Muudab dokumenti: EN 60335-2-15:2016/prA1:2020
Muudab dokumenti: EN 60335-2-15:2016/prA2:2020
Muudab dokumenti: EVS-EN 60335-2-15:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

EN 60335-2-15:2016/prA2:2020

Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids

This European Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-15:2012/A2:2018; EN 60335-2-15:2016/prA2:2020
Muudab dokumenti: EVS-EN 60335-2-15:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 17624

Determination of explosion limits of gases and vapours at elevated pressures, elevated temperatures or with oxidizers other than air

This document specifies a test method to determine the explosion limits of gases, vapours and their mixtures, mixed with a gaseous oxidizer or an oxidizer/inert gas mixture at pressures from 1 bar to 100 bar and for temperatures up to 400 °C.

Keel: en
Alusdokumendid: prEN 17624

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 50365

Live Working - Electrically insulating helmets for use on low and medium voltage installations

This standard is applicable to electrically insulating helmets used for working live or close to live parts on installations not exceeding 1 000 V AC or 1 500 V DC. These helmets, when used in conjunction with other electrically insulating protective equipment prevent dangerous current from passing through persons via their head.

Keel: en
Alusdokumendid: prEN 50365
Asendab dokumenti: EVS-EN 50365:2003

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-2:2020

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

This European Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-2:2019; prEN IEC 60335-2-2:2020
Asendab dokumenti: EVS-EN 60335-2-2:2010
Asendab dokumenti: EVS-EN 60335-2-2:2010/A1:2013
Asendab dokumenti: EVS-EN 60335-2-2:2010/A11:2012

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-2:2020/prA11:2020

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

This European Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: prEN IEC 60335-2-2:2020/prA11:2020
Muudab dokumenti: prEN IEC 60335-2-2:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-27:2020

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

This European Standard deals with the safety of electric appliances for skin exposure to ultraviolet and infrared radiation, their maximum rated voltages being not more than 250 V for single phase and 480 V for all others.

Keel: en
Alusdokumendid: IEC 60335-2-27:2019; prEN IEC 60335-2-27:2020
Asendab dokumenti: EVS-EN 60335-2-27:2014
Asendab dokumenti: EVS-EN 60335-2-27:2014+A1+A2:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-27:2020/prA11:2020

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

This European Standard deals with the safety of electric appliances for skin exposure to ultraviolet and infrared radiation, their maximum rated voltages being not more than 250 V for single phase and 480 V for all others.

Keel: en
Alusdokumendid: prEN IEC 60335-2-27:2020/prA11:2020
Muudab dokumenti: prEN IEC 60335-2-27:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-96:2020

Household and similar electrical appliances - Safety - Part 2-96: Particular requirements for flexible sheet heating elements for room heating

This European Standard deals with the safety of flexible sheet heating elements intended to be incorporated into floors and walls below 1,2 m and above 2,3 m and in ceilings, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations.

Keel: en
Alusdokumendid: IEC 60335-2-96:2019; prEN IEC 60335-2-96:2020
Asendab dokumenti: EVS-EN 60335-2-96:2003
Asendab dokumenti: EVS-EN 60335-2-96:2003/A1:2004
Asendab dokumenti: EVS-EN 60335-2-96:2003/A2:2009

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-96:2020/prA11:2020

Household and similar electrical appliances - Safety - Part 2-96: Particular requirements for flexible sheet heating elements for room heating

This European Standard deals with the safety of flexible sheet heating elements intended to be incorporated into floors and walls below 1,2 m and above 2,3 m and in ceilings, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations.

Keel: en
Alusdokumendid: prEN IEC 60335-2-96:2020/prA11:2020
Muudab dokumenti: prEN IEC 60335-2-96:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60445:2020

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

This document applies to the identification and marking of terminals of electrical equipment such as resistors, fuses, relays, contactors, transformers, rotating machines and, wherever applicable, to combinations of such equipment (e.g. assemblies), and also applies to the identification of terminations of certain designated conductors. It also provides general rules for the use of certain colours or alphanumeric notations to identify conductors with the aim of avoiding ambiguity and ensuring safe operation. These conductor colours or alphanumeric notations are intended to be applied in cables or cores, busbars, electrical equipment and installations. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. It is not intended for use by manufacturers or certification bodies. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 60445:202X; prEN IEC 60445:2020
Asendab dokumenti: EVS-EN 60445:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 62682:2020

Management of alarms systems for the process industries

This standard specifies general principles and processes for the management of alarm systems based on controls system and human-machine interfaces (HMI) for facilities in the process industries. It covers all alarms to be presented to the operator through the control system, which includes alarms from basic process control systems, annunciators, packaged systems (for example refrigeration machines), and safety instrumented systems. The practices in this standard are applicable to continuous, batch, and discrete processes. There can be differences in implementation to meet the specific needs based on those process types. In jurisdictions where the governing authorities (for example national, federal, state, province, county, city) have established process safety design, process safety management, or other requirements, in addition to the requirements of this standard, these should be taken into consideration. The primary function within the alarm system is to notify operators of abnormal process conditions or equipment malfunctions and support the response. The alarm systems can include both the basic process control system (BPCS) and the safety instrumented system (SIS), each of which uses measurements of process conditions and logic to generate alarms. Figure 1 illustrates the concepts of alarm and response dataflow through the alarm system. The alarm system also includes a mechanism for communicating the alarm information to the operator via an HMI, usually a computer screen or an annunciator. Additional functions of the alarm system are an alarm and event log, an alarm historian, and the generation of performance metrics for the alarm system. There are external systems that can use the data from the alarm system.

Keel: en
Alusdokumendid: IEC 62682:202X; prEN IEC 62682:2020
Asendab dokumenti: EVS-EN 62682:2015

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 24032

Soil quality - In situ caging of snails to assess bioaccumulation of contaminants (ISO/DIS 24032:2020)

-

Keel: en
Alusdokumendid: ISO/DIS 24032; prEN ISO 24032

Arvamusküsitluse lõppkuupäev: 29.01.2021

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN 1434-1

Thermal energy meters - Part 1: General requirements

This document specifies the general requirements for thermal energy meters. Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The thermal energy meter indicates the quantity of thermal energy in legal units. Electrical safety requirements are not covered by this document. Pressure safety requirements are not covered by this document. Surface mounted temperature sensors are not covered by this document. This document covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en
Alusdokumendid: prEN 1434-1
Asendab dokumenti: EVS-EN 1434-1:2015+A1:2018

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 1434-2

Thermal energy meters - Part 2: Constructional requirements

This document specifies the constructional requirements for thermal energy meters. Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The thermal energy meter indicates the quantity of thermal energy in legal units. Electrical safety requirements are not covered by this document. Pressure safety requirements are not covered by this document. Surface mounted temperature sensors are not covered by this document. This document covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en
Alusdokumendid: prEN 1434-2
Asendab dokumenti: EVS-EN 1434-2:2015+A1:2018

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 1434-4

Thermal energy meters - Part 4: Pattern approval tests

This document specifies pattern approval tests for thermal energy meters. Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The thermal energy meter indicates the quantity of thermal energy in legal units. Electrical safety requirements are not covered by this document. Pressure safety requirements are not covered by this document. Surface mounted temperature sensors are not covered by this document. This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en
Alusdokumendid: prEN 1434-4
Asendab dokumenti: EVS-EN 1434-4:2015+A1:2018

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 1434-5

Thermal energy meters - Part 5: Initial verification tests

This document specifies initial verification tests for thermal energy meters. Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The thermal energy meter indicates the quantity of thermal energy in legal units. Electrical safety requirements are not covered by this document. Pressure safety requirements are not covered by this document. Surface mounted temperature sensors are not covered by this document. This document covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en
Alusdokumendid: prEN 1434-5
Asendab dokumenti: EVS-EN 1434-5:2015+A1:2019

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 1434-6

Thermal energy meters - Part 6: Installation, commissioning, operational monitoring and maintenance

This document specifies commissioning, operational monitoring and maintenance and applies to thermal energy meters. Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The thermal energy meter indicates the quantity of thermal energy in legal units. Electrical safety requirements are not covered by this document. Pressure safety requirements are not covered by this document. Surface mounted temperature sensors are not covered by this document. This document covers meters for closed systems only, where the differential pressure over the thermal load is limited.

Keel: en
Alusdokumendid: prEN 1434-6
Asendab dokumenti: EVS-EN 1434-6:2015+A1:2019

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 62631-3-1:2020

Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method

This part of IEC 62631 covers a method of test for the determination of volume resistance and volume resistivity of electrical insulating materials by applying a DC voltage.

Keel: en
Alusdokumendid: IEC 62631-3-1:202X; prEN IEC 62631-3-1:2020
Asendab dokumenti: EVS-EN 62631-3-1:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 11904-2

Acoustics - Determination of sound immission from sound sources placed close to the ear - Part 2: Technique using a manikin (ISO/FDIS 11904-2:2020)

This document specifies basic framework measurement methods for sound immission from sound sources placed close to the ear. These measurements are carried out with a manikin, equipped with ear simulators including microphones. The measured values are subsequently converted into corresponding free-field or diffuse-field levels. The results are given as free-field related or diffuse-field related equivalent continuous A-weighted sound pressure levels. The technique is denoted the manikin technique. This document is applicable to exposure to sound from sources close to the ear, for example during equipment tests or at the workplace to sound from earphones or hearing protectors with audio communication facilities. This document is applicable in the frequency range from 20 Hz to 10 kHz. For frequencies above 10 kHz, ISO 11904-1 can be used.

Keel: en
Alusdokumendid: ISO/FDIS 11904-2; prEN ISO 11904-2
Asendab dokumenti: EVS-EN ISO 11904-2:2005

Arvamusküsitluse lõppkuupäev: 29.01.2021

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 6410-3

Technical drawings - Screw threads and threaded parts - Part 3: Simplified representation (ISO/DIS 6410-3:2020)

This document establishes rules for the simplified representation of threaded parts, with the exception of screw thread inserts, which are covered in ISO 6410-2. This representation is applicable when it is not necessary to show the exact shape and details of the parts (see ISO 6410-1), for example in assembly drawings.

Keel: en
Alusdokumendid: ISO/FDIS 6410-3; prEN ISO 6410-3
Asendab dokumenti: EVS-EN ISO 6410-3:1999

Arvamusküsitluse lõppkuupäev: 29.01.2021

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 1854

Safety and control devices for burners and appliances burning gaseous and/or liquid fuels — Pressure sensing devices for gas burners and gas burning appliances

This European Standard specifies the safety, design, construction, and performance requirements and testing of pressure sensing devices for burners and appliances burning one or more gaseous fuels. It applies to pressure sensing devices for the measurement of pressures of gases according to EN 437 or air or combustion products for maximum inlet pressures up to 500 kPa (5 bar). It applies to all types of pressure sensing devices, including electronic, differential and inferential types. It also specifies requirements for pressure sensing devices which are intended to be applied to steam boilers and as such need to meet increased reliability requirements. These devices are classified as PSD-S in this European Standard.

Keel: en
Alusdokumendid: prEN 1854
Asendab dokumenti: EVS-EN 1854:2010

Arvamusküsitluse lõppkuupäev: 29.01.2021

25 TOOTMISTEHNOLOOGIA

prEN IEC 62682:2020

Management of alarms systems for the process industries

This standard specifies general principles and processes for the management of alarm systems based on controls system and human-machine interfaces (HMI) for facilities in the process industries. It covers all alarms to be presented to the operator through the control system, which includes alarms from basic process control systems, annunciators, packaged systems (for example refrigeration machines), and safety instrumented systems. The practices in this standard are applicable to continuous, batch, and discrete processes. There can be differences in implementation to meet the specific needs based on those process types. In jurisdictions where the governing authorities (for example national, federal, state, province, county, city) have established process safety design, process safety management, or other requirements, in addition to the requirements of this standard, these should be taken into consideration. The primary function within the alarm system is to notify operators of abnormal process conditions or equipment malfunctions and support the response. The alarm systems can include both the basic process control system (BPCS) and the safety instrumented system (SIS), each of which uses measurements of process conditions and logic to generate alarms. Figure 1 illustrates the concepts of alarm and response dataflow through the alarm system. The alarm system also includes a mechanism for communicating the alarm information to the operator via an HMI, usually a computer screen or an annunciator. Additional functions of the alarm system are an alarm and event log, an alarm historian, and the generation of performance metrics for the alarm system. There are external systems that can use the data from the alarm system.

Keel: en
Alusdokumendid: IEC 62682:202X; prEN IEC 62682:2020
Asendab dokumenti: EVS-EN 62682:2015

Arvamusküsitluse lõppkuupäev: 29.01.2021

29 ELEKTROTEHNIKA

EN IEC 60730-2-14:2019/prA2:2020

Automatic electrical controls - Part 2-14: Particular requirements for electric actuators

Amendment to EN IEC 60730-2-14:2019

Keel: en
Alusdokumendid: IEC 60730-2-14:2017/A2:202X; EN IEC 60730-2-14:2019/prA2:2020
Muudab dokumenti: EVS-EN IEC 60730-2-14:2019

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60445:2020

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

This document applies to the identification and marking of terminals of electrical equipment such as resistors, fuses, relays, contactors, transformers, rotating machines and, wherever applicable, to combinations of such equipment (e.g. assemblies), and also applies to the identification of terminations of certain designated conductors. It also provides general rules for the use of certain colours or alphanumeric notations to identify conductors with the aim of avoiding ambiguity and ensuring safe operation. These conductor colours or alphanumeric notations are intended to be applied in cables or cores, busbars, electrical equipment and installations. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. It is not intended for use by manufacturers or certification bodies. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 60445:202X; prEN IEC 60445:2020
Asendab dokumenti: EVS-EN 60445:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 61800-5-1:2020

Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

This part of IEC 61800 specifies requirements for adjustable speed electrical Power Drive Systems (PDS) or their elements, with respect to electrical, thermal, fire, mechanical, energy and other relevant hazards. It does not cover the driven equipment except for interface requirements. It applies to adjustable speed electrical PDS which include the power conversion, Basic Drive Module (BDM)/Complete Drive Module (CDM) control, and a motor or motors. Excluded are traction and electric vehicle BDM/CDM. It applies to low-voltage adjustable speed electrical PDS intended to feed a motor or motors from a BDM/CDM connected to phase-to-phase voltages of up to and including 1,0 kV AC (50 Hz or 60 Hz) and up to and including 1,5 kV DC. It also applies to high-voltage adjustable speed electrical PDS intended to feed a motor or motors from a BDM/CDM connected phase-to-phase voltages up to and including 35 kV AC (50 Hz or 60 Hz) and up to and including 52 kV DC. NOTE 1: Above voltage and frequency limits reflect the scope of IEC 61800-1, IEC 61800-2 and IEC 61800-4. NOTE 2: For adjustable speed elctrical PDS not covered by the scope of this standard, applicable requirements of other standards, e.g. IEC 62477-2, can be used. This part of IEC 61800 also applies to PDS which intentionally emits or receives radio waves for the purpose of radio communication. Other parts of IEC 61800, which are not applicable for compliance with this standard, cover other aspect such as • rating specifications for low-voltage adjustable speed DC power drive systems is covered in IEC 61800-1 • rating specifications for low-voltage AC power drive systems is covered in IEC 61800-2 • EMC which is covered in IEC 61800-3 • rating specification for high-voltage AC power drive systems is covered in IEC 61800-4 (will be combined with IEC 61800-2 Ed.3) • functional safety which is covered in IEC 61800-5-2 • safety requirements for encoders in IEC 61800-5-3 • type of Load duty which are covered by IEC/TR 61800-6 • communication profiles which are covered by IEC 61800-7 series • power interface voltage specification which is covered by IEC/TS 61800-8. • energy efficiency which is covered in IEC 61800-9 series • IEC/TS 62578, covering active infeed converters (is not applicable for compliance with this standard). Motors for driven equipment (see Figure 1) shall comply with IEC 60034 series. Unless specifically stated, the requirements of this International Standard apply to all parts of the PDS, including the BDM/CDM (see Figure 1). NOTE 3: In some cases, safety requirements of the PDS (for example, protection 847 against direct contact) can necessitate the use of special components and/or additional measures.

Keel: en
Alusdokumendid: IEC 61800-5-1:202X; prEN IEC 61800-5-1:2020
Asendab dokumenti: EVS-EN 61800-5-1:2007
Asendab dokumenti: EVS-EN 61800-5-1:2007/A1:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 62631-3-1:2020

Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method

This part of IEC 62631 covers a method of test for the determination of volume resistance and volume resistivity of electrical insulating materials by applying a DC voltage.

Keel: en
Alusdokumendid: IEC 62631-3-1:202X; prEN IEC 62631-3-1:2020
Asendab dokumenti: EVS-EN 62631-3-1:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

31 ELEKTROONIKA

prEN 60115-1

Fixed resistors for use in electronic equipment - Part 1: Generic specification

This part of EN 60115 is a generic specification and is applicable to fixed resistors for use in electronic equipment. It establishes standard terms, inspection procedures and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.

Keel: en
Alusdokumendid: prEN 60115-1; IEC 60115-1:2020
Asendab dokumenti: EVS-EN 60115-1:2011
Asendab dokumenti: EVS-EN 60115-1:2011/A11:2015

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60444-6:2020

Measurement of quartz crystal unit parameters - Part 6: Measurement of drive level dependence (DLD)

This part of IEC 60444 applies to the measurements of drive level dependence (DLD) of quartz crystal units. Two test methods (A and C) and one referential method (B) are described. “Method A”, based on the π-network according to IEC 60444-1, can be used in the complete frequency range covered by this part of IEC 60444. “Reference Method B”, based on the π-network or reflection method according to IEC 60444-1, IEC 60444-5 or IEC 60444-8 can be used in the complete frequency range covered by this part of IEC 60444. “Method C”, an oscillator method, is suitable for measurements of fundamental mode crystal units in larger quantities with fixed conditions. NOTE Measurement methods specified in this document is not only applicable to AT-cut but also applicable to other crystal cuts and vibration modes, such as doubly rotated cuts (IT,SC) and to tuning fork crystal units (by using a high impedance test fixture).

Keel: en
Alusdokumendid: IEC 60444-6:202X; prEN IEC 60444-6:2020
Asendab dokumenti: EVS-EN 60444-6:2013

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60749-28:2020

Semiconductor devices - Mechanical and climatic test methods - Part 28: Electrostatic discharge (ESD) sensitivity testing - Charged device model (CDM) - device level

This part of IEC 60749 establishes the procedure for testing, evaluating, and classifying devices and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined field-induced charged device model (CDM) electrostatic discharge (ESD). All packaged semiconductor devices, thin film circuits, surface acoustic wave (SAW) devices, opto-electronic devices, hybrid integrated circuits (HICs), and multi-chip modules (MCMs) containing any of these devices are to be evaluated according to this document. To perform the tests, the devices are assembled into a package similar to that expected in the final application. This CDM document does not apply to socketed discharge model testers. This document describes the field-induced (FI) method. An alternative, the direct contact (DC) method, is described in Annex J. The purpose of this document is to establish a test method that will replicate CDM failures and provide reliable, repeatable CDM ESD test results from tester to tester, regardless of device type. Repeatable data will allow accurate classifications and comparisons of CDM ESD sensitivity levels.

Keel: en
Alusdokumendid: IEC 60749-28:202X; prEN IEC 60749-28:2020
Asendab dokumenti: EVS-EN 60749-28:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

33 SIDETEHNIKA

prEN 303 364-2 V1.0.1

Seire primaarradar (PSR); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 2. Lennujuhtimise (ATC) PSR sensorid, mis töötavad sagedusvahemikus 2 700 MHz kuni 3 100 MHz (sagedusriba S)
Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 2: Air Traffic Control (ATC) PSR sensors operating in the frequency band 2 700 MHz to 3 100 MHz (S band)

The present document specifies technical characteristics and methods of measurements for ground based monostatic ATC primary surveillance radars with the following characteristics: • operating in the 2 700 MHz to 3 100 MHz frequency range; • transmitter output peak power up to 100 kW; • the transceiver-antenna connection uses a hollow metallic rectangular waveguide of type WR284/WG10/R32 according to IEC 60153-2 with a minimum length between the output of the power amplifier and the input to the antenna of 2,886 m (20 times the wavelength of the waveguide cut-off frequency); • the antenna rotates, is waveguide-

based and passive; • the transceiver output uses a RF circulator. NOTE 1: Phased array ATC primary surveillance radars are not covered by the present document. NOTE 2: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 303 364-2 V1.0.1

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 61169-54:2020

Radio frequency connectors - Part 54: Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50 Ohms, Series 4.3-10

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for coaxial connectors with 10 mm inner diameter of outer conductor, characteristic impedance 50 Ω, series 4,3-10 with screw type, hand screw type or quicklock type coupling, for an upper operating frequency limit of 6 GHz, for use in wireless telecommunication and wireless network applications in conjunction with appropriate transmission line types for these applications. It also describes mating face dimensions for general purpose connectors, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to 4,3-10 series connectors. This specification indicates the recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

Keel: en
Alusdokumendid: IEC 61169-54:202X; prEN IEC 61169-54:2020
Asendab dokumenti: EVS-EN 61169-54:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

35 INFOTEHNOLOOGIA

EN ISO 19111:2020/prA1

Geographic information - Referencing by coordinates - Amendment 1 (ISO/DAM 19111:2020)

Amendment to EN ISO 19111:2020

Keel: en
Alusdokumendid: ISO 19111:2019/DAmd 1; EN ISO 19111:2020/prA1
Muudab dokumenti: EVS-EN ISO 19111:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

EN ISO 19116:2019/prA1

Geographic information - Positioning services - Amendment 1 (ISO/DAM 19116:2020)

Amendment to EN ISO 19116:2019

Keel: en
Alusdokumendid: ISO 19116:2019/DAmd 1; EN ISO 19116:2019/prA1
Muudab dokumenti: EVS-EN ISO 19116:2019

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 17609

Building automation and control systems - Control applications

This document specifies control applications and function blocks focusing on but not limited to lighting, solar protection and HVAC applications. It describes how energy performance, comfort, and operational requirements of buildings are translated into functional specifications for integrated plant and room control.

Keel: en
Alusdokumendid: prEN 17609

Arvamusküsitluse lõppkuupäev: 29.01.2021

47 LAEVAEHITUS JA MERE-EHITISED

EN 61996-1:2013/prA1:2020

Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) - Part 1: Performance requirements, methods of testing and required test results

Amendment to EN 61996-1:2013

Keel: en
Alusdokumendid: IEC 61996-1:2013/A1:202X; EN 61996-1:2013/prA1:2020
Muudab dokumenti: EVS-EN 61996-1:2013

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 12217-1

Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO/DIS 12217-1:2020)

This document specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of boats susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using this document will enable the boat to be assigned to a design category (A, B, C or D) appropriate to its design and maximum total load. This document is principally applicable to boats propelled by human or mechanical power of 6 m up to 24 m hull length. However, it can also be applied to boats of under 6 m if they do not attain the desired design category specified in ISO 12217-3 and they are decked and have quick-draining recesses which comply with ISO 11812. In relation to habitable multihulls, this document includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. This document excludes: — inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; — personal watercraft covered by ISO 13590 and other similar powered craft; — gondolas and pedalos; — sailing surfboards; — surfboards, including powered surfboards; — hydrofoils and hovercraft when not operating in the displacement mode; and — submersibles. NOTE Displacement mode means that the boat is only supported by hydrostatic forces. It does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en
Alusdokumendid: ISO/FDIS 12217-1; prEN ISO 12217-1
Asendab dokumenti: EVS-EN ISO 12217-1:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 12217-2

Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m (ISO/DIS 12217-2:2020)

This document specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of boats susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using this document will enable the boat to be assigned to a design category (A, B, C or D) appropriate to its design and maximum load. This document is principally applicable to boats propelled primarily by sail (even if fitted with an auxiliary engine) of 6 m up to and including 24 m hull length. However, it can also be applied to boats less than 6 m if they are habitable multihulls or may be applied if they do not attain the desired design category specified in ISO 12217-3 and they are decked and have quick-draining recesses which comply with ISO 11812:2020. In relation to habitable multihulls, this document includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. This document excludes: — inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; — gondolas and pedalos; — surfboards including sailing surfboards; and — hydrofoils and foil stabilized boats when not operating in the displacement mode. NOTE Displacement mode means that the boat is only supported by hydrostatic forces. It does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en
Alusdokumendid: ISO/FDIS 12217-2; prEN ISO 12217-2
Asendab dokumenti: EVS-EN ISO 12217-2:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 12217-3

Small craft - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6 m (ISO/DIS 12217-3:2020)

This document specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of craft susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using this document will enable the boat to be assigned to a design category (C or D) appropriate to its design and maximum load. This document is applicable to boats of hull length less than 6 m, whether propelled by human or mechanical power, except habitable sailing multihulls. Boats of hull length less than 6 m which are fitted with a full deck and quick-draining cockpit(s) complying with ISO 11812:2020 may alternatively be assessed using ISO 12217-1 or ISO 12217-2 (for non-sailing and sailing boats, respectively), in which case higher design categories may be assigned. In relation to habitable multihulls, this document includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. This document excludes: — inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; — personal watercraft covered by ISO 13590 and other similar powered craft; — aquatic toys; — canoes and kayaks; — gondolas and pedalos; — sailing surfboards; — surfboards, including powered surfboards; — hydrofoils, foil stabilized boats and hovercraft when not operating in the displacement mode; and — submersibles. NOTE Displacement mode means that the boat is only supported by hydrostatic forces. It does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en
Alusdokumendid: ISO/FDIS 12217-3; prEN ISO 12217-3
Asendab dokumenti: EVS-EN ISO 12217-3:2017

Arvamusküsitluse lõppkuupäev: 29.01.2021

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 16604-30-01
Space - Space Situational Awareness Monitoring - Part 01: Glossary of Near Earth objects and space surveillance and tracking terms

This standard is applicable to Space Surveillance and Tracking (SST) and near-Earth object (NEO) activities.

Keel: en
Alusdokumendid: prEN 16604-30-01

Arvamusküsitluse lõppkuupäev: 29.01.2021

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 10101-1
Natural gas - Determination of water by the Karl Fischer method - Part 1: Introduction (ISO/DIS 10101-1:2020)

This part of ISO 10101 specifies general requirements for the determination of water in natural gas using the Karl Fischer method (see [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/DIS 10101-1; prEN ISO 10101-1
Asendab dokumenti: EVS-EN ISO 10101-1:2000

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 10101-2
Natural gas - Determination of water by the Karl Fischer method - Part 2: Volumetric procedure (ISO/DIS 10101-2:2020)

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/DIS 10101-2; prEN ISO 10101-2
Asendab dokumenti: EVS-EN ISO 10101-2:2000

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN ISO 10101-3
Natural gas - Determination of water by the Karl Fischer method - Part 3: Coulometric procedure (ISO/DIS 10101-3:2020)

This part of ISO 10101 specifies a coulometric procedure for the determination of water content by the Karl Fischer method. The method applies to natural gas and other gases which do not react with Karl Fischer (KF) reagents. It applies to water concentrations between 5 mg/m3 and 5 000 mg/m3. Volumes are expressed at temperature of 273,15 K (0°C) and a pressure of 101,325 kPa (1 atm). WARNING — Local safety regulations are to be taken into account, when the equipment is located in hazardous areas.

Keel: en
Alusdokumendid: ISO/DIS 10101-3; prEN ISO 10101-3
Asendab dokumenti: EVS-EN ISO 10101-3:2000

Arvamusküsitluse lõppkuupäev: 29.01.2021

83 KUMMI- JA PLASTITÖÖSTUS

prEN 17618
Adhesives - Wood-to-wood adhesive bonds for non-structural applications - Determination of shear strength by compressive loading

This document specifies a method for adhesives for wood and derived solid wood products for determining the shear strength and wood failure percentage of wood-to-wood adhesive bonds loaded in compression. These parameters allow to define different working properties of adhesives: (e.g. final bond strength, pressing time, closed assembly time).

Keel: en
Alusdokumendid: prEN 17618

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 17619
Classification of wood adhesives for non-structural timber products for exterior use

This document establishes a classification of wood adhesives for non-structural applications for exterior use. This document specifies performance requirements and durability classes of such adhesives for use in an environment corresponding to the defined conditions. The performance requirements of this document apply to the adhesive only, not to wooden products. This document is primarily intended to assess the performance of adhesives. The requirements apply to the type testing of the adhesives. Production control activities are outside the scope of this document.

Keel: en
Alusdokumendid: prEN 17619

Arvamusküsitluse lõppkuupäev: 29.01.2021

91 EHITUSMATERJALID JA EHITUS

prEN 1097-7

Tests for mechanical and physical properties of aggregates - Part 7: Determination of the particle density of filler - Pyknometer method

This document specifies the reference method used for type testing and in cases of dispute for the determination of the particle density of filler by means of a pyknometer. For other purposes, in particular factory production control, other methods can be used provided that an appropriate working relationship with the reference method has been established. NOTE Methods for determination of particle density of aggregates are specified in EN 1097 6. Annexes are included that specify the procedures for calibration of the pyknometer (Annex A) and determination of the density of the liquid used to determine the particle density of the filler (Annex B). Annex C (informative) contains precision data. WARNING - The use of this part of EN 1097 can involve hazardous materials, operations and equipment (such as liquids, dust, noise and heavy lifts). It does not purport to address all of the safety or environmental problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel and the environment prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

Keel: en
Alusdokumendid: prEN 1097-7
Asendab dokumenti: EVS-EN 1097-7:2008

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 12427

Industrial, commercial and garage doors and gates - Air permeability - Test method

This document specifies a test method for determining the air permeability for industrial, commercial and garage doors and gates according prEN 13241:2020 in a closed position. For the purposes of this document the term ‘door’ is used as a general term for ‘industrial, commercial and garage doors and gates’ unless clearly stated.

Keel: en
Alusdokumendid: prEN 12427
Asendab dokumenti: EVS-EN 12427:2000

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 12444

Industrial, commercial and garage doors and gates - Resistance to wind load - Testing and calculation

This document specifies the test method and/or calculation of resistance to wind load for industrial, commercial and garage doors and gates according prEN 13241:2020 in a closed position. For the purposes of this document the term ‘door’ is used as a general term for ‘industrial, commercial and garage doors and gates’ unless clearly stated.

Keel: en
Alusdokumendid: prEN 12444
Asendab dokumenti: EVS-EN 12444:2001

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 12489

Industrial, commercial and garage doors and gates - Resistance to water penetration - Test method

This document specifies the test method for determining the resistance to water penetration for industrial, commercial and garage doors and gates according prEN 13241:2020 in a closed position. For the purposes of this document the term ‘door’ is used as a general term for ‘industrial, commercial and garage doors and gates’ unless clearly stated.

Keel: en
Alusdokumendid: prEN 12489
Asendab dokumenti: EVS-EN 12489:2000

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 13241

Industrial, commercial, garage doors and gates - Product standard, performance characteristics

1.1 General This document specifies the safety and performance requirements for industrial, commercial, garage doors and gates and barriers, intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises. This document also covers commercial doors such as rolling shutters and rolling grilles used in retail premises which are mainly provided for the access of persons rather than vehicles or goods. These doors can include manual pedestrian pass doors incorporated in the door leaf which are also covered by this document. These devices can be manually or power operated. 1.2 Exclusions This document does not apply to: - lock gates and dock gates; - doors on lifts; - doors on vehicles; - armoured doors; - doors mainly for the retention of animals, unless they are at the site perimeter; - theatre textile curtains; - horizontally moving power operated doors mainly intended for pedestrian use; - doors outside the reach of people (such as crane gantry fences); - railway barriers; - barriers intended solely for use by pedestrians; - barriers used solely for vehicles on motorways.

Keel: en
Alusdokumendid: prEN 13241
Asendab dokumenti: EVS-EN 13241:2003+A2:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 16005

Power operated pedestrian doorsets - Safety in use - Requirements and test methods

This document specifies requirements regarding design and test methods for external and internal power operated pedestrian doorsets. Such doorset constructions may be operated electro-mechanically, electro-hydraulically or pneumatically. This document covers safety in use of power operated pedestrian doorsets used for normal access as well as in emergency and escape routes and as fire resistance and/or smoke control doorsets. The type of doorsets covered include power operated pedestrian sliding, swing and revolving doorsets, including balanced doorsets and folding doorsets with a horizontally moving leaf. Power operated pass doorsets for which the main intended use is giving safe access for persons incorporated in other doors are covered by the scope of this document. This document deals with all significant hazards, hazardous situations and events relevant to power operated doorsets when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex J). All lifetime phases of the power operated pedestrian doorsets including transportation, assembly, dismantling, disabling and scrapping are considered by this document. This document does not apply to: - vertically moving doors; - doors on lifts; - doors on vehicles; - power operated doors or gates mainly intended for vehicular traffic or access for goods; - doors used in industrial processes; - partition walls; - doors outside the reach of people (such as crane gantry fences); - turnstiles; - platform doors. This document does not cover special functions of doorsets, such as security in banks, airports, etc. or fire compartments, where conformity of the specific function with requirements of the application shall have the preference. This document does not deal with any specific requirements on noise emitted from power operated pedestrian doorsets as their noise emission is not considered to be a relevant hazard. NOTE Noise emission of power operated pedestrian doorsets is not a significant hazard for the users of these products. It is a comfort aspect. This document is not applicable to power operated pedestrian doorsets manufactured before the date of its publication. This document does not cover operation in environments where there is a risk of explosion.

Keel: en
Alusdokumendid: prEN 16005
Asendab dokumenti: EVS-EN 16005:2012
Asendab dokumenti: EVS-EN 16005:2012/AC:2015

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 17609

Building automation and control systems - Control applications

This document specifies control applications and function blocks focusing on but not limited to lighting, solar protection and HVAC applications. It describes how energy performance, comfort, and operational requirements of buildings are translated into functional specifications for integrated plant and room control.

Keel: en
Alusdokumendid: prEN 17609

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 60335-2-84:2020

Household and similar electrical appliances - Safety - Part 2-84: Particular requirements for toilet appliances

This European Standard deals with the safety of electric toilet appliances having a rated voltage being not more than 250 V, in which excrement is stored, dried or destructed or which wash or dry parts of the human body.

Keel: en
Alusdokumendid: IEC 60335-2-84:2019; prEN 60335-2-84:2020
Asendab dokumenti: EVS-EN 60335-2-84:2003
Asendab dokumenti: EVS-EN 60335-2-84:2003/A1:2008
Asendab dokumenti: EVS-EN 60335-2-84:2003/A2:2019

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 60335-2-84:2020/prAA:2020

Household and similar electrical appliances - Safety - Part 2-84: Particular requirements for toilet appliances

This European Standard deals with the safety of electric toilet appliances having a rated voltage being not more than 250 V, in which excrement is stored, dried or destructed or which wash or dry parts of the human body.

Keel: en
Alusdokumendid: prEN 60335-2-84:2020/prAA:2020
Muudab dokumenti: prEN 60335-2-84:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 933-5

Tests for geometrical properties of aggregates - Part 5: Determination of percentage of crushed particles in coarse and all-in natural aggregates

This document specifies the reference method, used for type testing and in case of dispute, for the determination of the percentages of crushed particles, totally crushed particles and totally rounded particles in a sample of natural coarse aggregate or all-in aggregate. Other methods can be used for other purposes, such as factory production control, provided that an appropriate working relationship with the reference method has been established. NOTE 1 Examples of advanced test methods can be found in the Bibliography. This document applies to gravel or to a mixture of natural coarse aggregates containing gravel. The test method specified is applicable to particle sizes between 4 mm and 63 mm. NOTE 2 For coarse aggregate between 4 mm and 20 mm, the percentages of crushed surfaces are linked to the flow coefficient and can therefore be used in association with the test method specified in EN 933-6. Subclause 7.1 specifies the procedure for test portions consisting of one particle size fraction and Subclause 7.2 specifies the procedure for test portions consisting of two or more particle size fractions. Guidance for estimated mass of the test portion is given in informative Annex A. Examples of application of the test procedure and an example of a test data sheet are given in informative Annexes B and C.

Keel: en
Alusdokumendid: prEN 933-5
Asendab dokumenti: EVS-EN 933-5:2007

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN 933-6

Tests for geometrical properties of aggregates - Part 6: Assessment of surface characteristics - Flow coefficient of aggregates

This document specifies the reference method used for type testing, and in case of dispute, for determining the flow coefficient of coarse and fine aggregates. Other methods can be used for other purposes, such as factory production control, provided that an appropriate working relationship with the reference method has been established. Examples of advanced test methods can be found in the Bibliography. This document applies to coarse aggregate of sizes between 4 mm and 20 mm and to fine aggregate of size up to 2 mm. NOTE 1 For coarse aggregates between 4 mm and 20 mm, the flow coefficient is linked with the percentage of crushed or broken surfaces of an aggregate and can therefore be used in association with the method specified in EN 933–5. Shape and surface texture characteristics also influence the result. NOTE 2 Experience of this test has been generally limited to natural aggregates. Examples of test data sheets are given in informative Annexes A and C. Annex B (informative) contains precision data. WARNING - The use of this part of EN 933 can involve hazardous materials, operations and equipment (such as dust, noise and heavy lifts). It does not purport to address all of the safety or environmental problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel and the environment prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

Keel: en
Alusdokumendid: prEN 933-6
Asendab dokumenti: EVS-EN 933-6:2014

Arvamusküsitluse lõppkuupäev: 29.01.2021

97 OLME. MEELELAHUTUS. SPORT

EN 60335-2-15:2016/prA1:2020

Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids

This European Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-15:2012/A1:2016; EN 60335-2-15:2016/prA1:2020
Muudab dokumenti: EVS-EN 60335-2-15:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

EN 60335-2-15:2016/prA12:2020

Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids

This European Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: EN 60335-2-15:2016/prA12:2020

Muudab dokumenti: EN 60335-2-15:2016/prA1:2020
Muudab dokumenti: EN 60335-2-15:2016/prA2:2020
Muudab dokumenti: EVS-EN 60335-2-15:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

EN 60335-2-15:2016/prA2:2020

Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids

This European Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-15:2012/A2:2018; EN 60335-2-15:2016/prA2:2020
Muudab dokumenti: EVS-EN 60335-2-15:2016

Arvamusküsitluse lõppkuupäev: 29.01.2021

EN IEC 60730-2-14:2019/prA2:2020

Automatic electrical controls - Part 2-14: Particular requirements for electric actuators

Amendment to EN IEC 60730-2-14:2019

Keel: en
Alusdokumendid: IEC 60730-2-14:2017/A2:202X; EN IEC 60730-2-14:2019/prA2:2020
Muudab dokumenti: EVS-EN IEC 60730-2-14:2019

Arvamusküsitluse lõppkuupäev: 29.01.2021

EN IEC 60730-2-8:2020/prA1:2020

Automatic electrical controls - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements

Amendment to EN IEC 60730-2-8:2020

Keel: en
Alusdokumendid: IEC 60730-2-8:2018/A1:202X; EN IEC 60730-2-8:2020/prA1:2020
Muudab dokumenti: EVS-EN IEC 60730-2-8:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-2:2020

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

This European Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: IEC 60335-2-2:2019; prEN IEC 60335-2-2:2020
Asendab dokumenti: EVS-EN 60335-2-2:2010
Asendab dokumenti: EVS-EN 60335-2-2:2010/A1:2013
Asendab dokumenti: EVS-EN 60335-2-2:2010/A11:2012

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-2:2020/prA11:2020

Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

This European Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: prEN IEC 60335-2-2:2020/prA11:2020
Muudab dokumenti: prEN IEC 60335-2-2:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-27:2020

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

This European Standard deals with the safety of electric appliances for skin exposure to ultraviolet and infrared radiation, their maximum rated voltages being not more than 250 V for single phase and 480 V for all others.

Keel: en
Alusdokumendid: IEC 60335-2-27:2019; prEN IEC 60335-2-27:2020
Asendab dokumenti: EVS-EN 60335-2-27:2014

Asendab dokumenti: EVS-EN 60335-2-27:2014+A1+A2:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-27:2020/prA11:2020

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

This European Standard deals with the safety of electric appliances for skin exposure to ultraviolet and infrared radiation, their maximum rated voltages being not more than 250 V for single phase and 480 V for all others.

Keel: en
Alusdokumendid: prEN IEC 60335-2-27:2020/prA11:2020
Muudab dokumenti: prEN IEC 60335-2-27:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-96:2020

Household and similar electrical appliances - Safety - Part 2-96: Particular requirements for flexible sheet heating elements for room heating

This European Standard deals with the safety of flexible sheet heating elements intended to be incorporated into floors and walls below 1,2 m and above 2,3 m and in ceilings, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations.

Keel: en
Alusdokumendid: IEC 60335-2-96:2019; prEN IEC 60335-2-96:2020
Asendab dokumenti: EVS-EN 60335-2-96:2003
Asendab dokumenti: EVS-EN 60335-2-96:2003/A1:2004
Asendab dokumenti: EVS-EN 60335-2-96:2003/A2:2009

Arvamusküsitluse lõppkuupäev: 29.01.2021

prEN IEC 60335-2-96:2020/prA11:2020

Household and similar electrical appliances - Safety - Part 2-96: Particular requirements for flexible sheet heating elements for room heating

This European Standard deals with the safety of flexible sheet heating elements intended to be incorporated into floors and walls below 1,2 m and above 2,3 m and in ceilings, their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations.

Keel: en
Alusdokumendid: prEN IEC 60335-2-96:2020/prA11:2020
Muudab dokumenti: prEN IEC 60335-2-96:2020

Arvamusküsitluse lõppkuupäev: 29.01.2021

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 Standardikeskuse 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 Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN 16282-7:2017

Suurköökide varustus. Suurköökide ventilatsiooni komponendid. Osa 7: Paiksete tulekahju ohjeldamissüsteemide paigaldamine ja kasutamine

See Euroopa standard täpsustab nõudeid ja annab soovitusi hoonete köökide tulekahju ohjeldamissüsteemide projekteerimiseks, paigaldamiseks, katsetamiseks, hooldamiseks ja ohutuseks. Seda Euroopa standardit kohaldatakse suurköökide ventilatsioonisüsteemide, nendega seotud alade ja muude tööstuslikuks kasutamiseks ettenähtud toiduaineid töötlevate seadmete suhtes. Köögid ja nendega seotud alad on eriruumid, kus valmistatakse eineid, pestakse ja puhastatakse lauanõusid ja seadmeid, hoitakse toitu ja kus asuvad toidujäätmete alad. Seda Euroopa standardit kohaldatakse tulekahju ohjeldamissüsteemidele, välja arvatud nendele, mida kasutatakse kodustes köökides või tööstuslikes toidutöötlemisettevõtetes. Kui pole sätestatud teisiti, tuleks selle standardi nõudeid kontrollida vaatluse ja/või mõõtmise teel. MÄRKUS Pöörake tähelepanu paigaldamist, seadmete nõudeid ning ülevaatust, hooldust ja käitamist käsitlevatele täiendavatele või alternatiivsetele kohalikele eeskirjadele.

Keel: et
Alusdokumendid: EN 16282-7:2017

Kommenteerimise lõppkuupäev: 30.12.2020

EVS-EN 60839-11-1:2013

Häire- ja elektroonilised turvasüsteemid. Osa 11-1: Elektrooniliste läbipääs kontrollsüsteemide standard. Süsteemi ja komponentide nõuded (IEC 60839-11-1:2013)

Standardi IEC 60839 käesolevas osas määratletakse elektrooniliste läbipääsu kontrollisüsteemide ja nende komponentide miinimum funktsionaalsused, sooritusnõuded ja katsemeetodid, mida kasutatakse füüsiliseks läbipääsuks (sisenemine ja väljumine) hoonetesse ja turvatud aladele ning nende ümbrusese. See ei hõlma nõudeid läbipunkti ajamitele ja anduritele. Käesolev standard ei hõlma nõudeid, mis on seotud ülekannetega sissetungi- või paanikahäire süsteemidega. Käesolevat standardit kohaldatakse elektrooniliste läbipääsu kontrollisüsteemide ja -komponentide suhtes, mis on ette nähtud kasutamiseks läbipääsu võimaldamise turvarakendustes ning see hõlmab nõudeid teabe logimiseks, identifitseerimiseks ja kontrollimiseks. Standard koosneb järgmistest osadest: – Kontseptuaalne mudel ja süsteemi arhitektuur. – Kriteeriumid, mis hõlmavad: • sooritusfunktsioonidel ja -võimekustel põhinevat klassifikatsiooni; • läbipääsupunkti liidese nõudeid; • indikatsiooni- ja teavitamise nõudeid (kuvamine, märguanne, logimine); • duress märguandeid ja üleminemis käsklust; • tuvastamise nõudeid; • süsteemi enesekaitse nõudeid; • elektroonilise läbipääsu kontrollisüsteemi osade ja muude süsteemide vahelist sidet. – Keskkonnatingimustele (sise-/välistingimustes kasutamine) ja elektromagnetilisele ühilduvusele esitatavad nõuded. – Katsemeetodid.

Keel: et
Alusdokumendid: IEC 60839-11-1:2013; EN 60839-11-1:2013

Kommenteerimise lõppkuupäev: 30.12.2020

prEN IEC 60079-10-1:2019

Plahvatusohtlikud keskkonnad. Osa 10-1: Piirkondade liigitus. Plahvatusohtlikud gaaskeskkonnad

Standardisarja IEC 60079 see osa käsitleb süttivate gaaside või aurude tekkimise võimalusest tulenevate ohtlike piirkondade liigitust, mida saab seejärel rakendada alusena plahvatusohupiirkondades kasutatavate seadmete õigeks kujunduseks, ehituseks, käiduks ja hooldueks. Standard on ette nähtud rakendamiseks süttimisohu korral, mis on tingitud süttiva gaasi või auru segust õhuga, kuid seda ei saa rakendada a) kaevandustele, milles võib tekkida kaevandusgaasi, b) lõhkeainete käitlemisel ja tootmisel, c) katastroofilistel riketel või harvadel väärtoimivusjuhtudel, mis on väljaspool selles standardis käsitletavaid anomaalsusi (vt terminid 3.7.3 ja 3.7.4), d) meditsiinilise otstarbega ruumides, e) äri- ja tööstusrakendustel, mil seadmetes on kasutusel üksnes madalarõhuline gaas, nt toiduvalmistamiseks, vee soojendamiseks ja muul taolisel kasutamisel, kus paigaldised vastavad asjakohastele gaasikasutusseadustikele, f) kodumajapidamises, MÄRKUS Lisajuhised hübriidsegude kohta on esitatud lisas I. Süttivad udud võivad kujuneda või olemas olla üheaegselt süttivate aurudega. Sellisel juhul ei pruugi selles dokumendis esitatavate üksikmeetmete otsene rakendamine olla asjakohane. Süttivat udu võivad tekitada ka vedelikud, mida ei loeta nende vabanemisel rõhu alt nende kõrge leektäpi tõttu ohtlikeks. Sellistel juhtudel ei pruugi selle dokumendi liigitusviisid ja üksikasjad olla rakendatavad. Teave süttivate udude kohta on esitatud lisas G. Selles dokumendis mõeldakse piirkonna all kolmemõõtmelist ala või ruumi. Keskkonnaolud sisaldavad kõikumisi üles- ja allapoole normaaltasemeid 101,3 kPa (1013 mbar) ja 20 °C (293 K), eeldades et nende erinevuste mõju süttivmaterjalide plahvatusomadustele on tühine. Tootmisseadmestikes võib sõltumata nende suurusest olla peale seadmetega seotud süüteallikate palju teisi taolisi allikaid. Ohutuse tagamiseks võib sel juhul vaja olla rakendada vastavaid ettevaatusmeetmeid. Seda standardit võib kasutada koos asjatundliku teabega muude süüteallikate kohta. See standard ei arvesta plahvatusohtliku keskkonna süttimise tagajärjel tekkivaid nähtusi.

Keel: et
Alusdokumendid: IEC 60079-10-1:201X; prEN IEC 60079-10-1:2019

Kommenteerimise lõppkuupäev: 30.12.2020

prEN ISO 717-1

Akustika. Hoonete ja ehituselementide heliisolatsiooni hindamine. Osa 1: Õhuheli isolatsioon

See dokument a) määratleb hoonete ja selliste ehituselementide nagu seinad, põrandad, uksed ja aknad õhuheli isolatsiooni ühearvulised suurused; b) võtab arvesse eri müraallikate, näiteks hoonesiseste müraallikate ja välise liiklusmüra eri helispektreid; c) annab juhised nende suuruste määramiseks kolmandikoktaavi- või oktaavribas ja näiteks vastavalt standarditele ISO 10140-2 ja ISO 16283-1 tehtud mõõtmistulemuste alusel. Käesoleva dokumendi kohased ühearvulised suurused on ette nähtud õhuheli isolatsiooni hindamiseks ja ehitusnormides sätestatavate akustiliste nõuete sõnastamise lihtsustamiseks. Määramatuse väljendamiseks (välja arvatud spektrilähendustegurid) on esitatud täiendav ühearvuline hindamine 0,1 dB sammu kaupa. Nõutavad ühearvuliste suuruste arvväärtused täpsustatakse vastavalt eri vajadustele. Ühearvuliste suuruste väärtused põhinevad mõõtmistulemustel 1/3-oktaavribades või 1/1-oktaavribades. Standardi ISO 10140-2 kohaselt tehtud laborimõõtmistel arvutatakse ühearvulised suurused kasutades ainult 1/3-oktaavribades tehtud mõõtmisi. Laiendatud sagedusvahemikus tehtud mõõtmiste tulemuste hindamist käsitletakse lisas B.

Keel: et
Alusdokumendid: ISO/DIS 717-1; prEN ISO 717-1

Kommenteerimise lõppkuupäev: 30.12.2020

prEN ISO 9093

Väikelaev. Kingstonid ja laevakeret läbiv armatuur

Selles dokumendis täpsustatakse nõuded laevakeret läbivale armatuurile, kingstonitele, voolikuühendustele, nende liitmikele ja paigaldisele väikelaevade puhul, mille kerepikkus (LH), nagu on standardis ISO 8666:2016 määratletud, on kuni 24 m. Seda dokumenti ei kohaldata mootori ja kütteseadme heitgaasiliitmike ning laevakeret läbiva armatuuri ajamseadmete suhtes.

Keel: et
Alusdokumendid: ISO/DIS 9093; prEN ISO 9093

Kommenteerimise lõppkuupäev: 30.12.2020

prEVS-EN ISO 2560

Keevitusmaterjalid. Kattega elektroodid legeerimata ja peenterateraste käsikaarkeevituseks. Liigitamine

See dokument täpsustab nõuded kaetud elektroodide ja pealesulatatud metalli liigitamisele keevitatud ja keevisjärgselt termotöödeldud olekus legeerimata ja peeneteraliste teraste käsitsi metallkaarkeevitamiseks minimaalse voolavuspiiriga 500 MPa või minimaalse tõmbetugevusega kuni 570 MPa. See dokument on kombineeritud spetsifikatsioon, mis näeb ette liigitamise, kasutades süsteemi, mis põhineb kogu keevitatud metalli voolavuspiiril ja keskmisel löögisitkusenergial 47 J, või süsteemi, mis põhineb kogu keevitatud metalli tõmbetugevusel ja keskmisel löögisitkusenergial 27 J. a) Järelliitega A tähistavaid punkte, alapunkte ja tabeleid kohaldatakse ainult kaetud elektroodide suhtes, mis on süsteemis liigitatud kogu käesolevas dokumendis esitatud keevismetalli voolavuspiiri ja keskmise 47 J löögisitkusenergia alusel. b) Järelliitega B tähistavaid punkte, alapunkte ja tabeleid kohaldatakse ainult kaetud elektroodide suhtes, mis on süsteemis liigitatud kogu käesolevas dokumendis esitatud keevismetalli tõmbetugevuse ja keskmise 27 J löögisitkusenergia alusel. c) Punkte, alapunkte ja tabeleid, millel puudub järelliide „A" või järelliide „B", kohaldatakse kõigi käesolevas dokumendis liigitatud kaetud elektroodide suhtes.

Keel: et
Alusdokumendid: ISO 2560:2020; EN ISO 2560:2020

Kommenteerimise lõppkuupäev: 30.12.2020

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 860-2:2015

Tehniliste paigaldiste termiline isoleerimine. Osa 2: Torustikud, mahutid ja seadmed. Järelevalve ja mõõtmine

Thermal insulation of technical equipment - Part 2: Insulation of pipes, vessels and equipment - Inspection and measurement

See standard on osa „Tehniliste paigaldiste termilise isoleerimise“ standardisarjast, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. See standard annab juhiseid, kuidas teostada järelevalvet ja kontrollmõõtmisi torustike, mahutite ja seadmete soojusisolatsioonitööde kvaliteedile, nii tööde ajal kui ka tööde vastuvõtmisel.

Kehtima jätmise alus: EVS/TK 30 otsus 05.10.2020 2.5/53 ja teade pikendamisküsitlusest 15.10.2020 EVS Teatajas

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 62106:2015

Raadioandmeedastussüsteemi (RDS) spetsifikatsioon VHF/FM raadioringhäälingule raadiosagedusvahemikus 87,5 MHz kuni 108,0 MHz
Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 MHz to 108,0 MHz

See rahvusvaheline standard kirjeldab raadioandmeedastussüsteemi (Radio Data System, RDS), mis võib üle kanda nii stereofoonilisi (piloot-toonsüsteem) kui ka monofoonilisi programme (nagu määratletud ITU-R soovituses BS 450-3 ja ITU-R soovituses BS 643-3) ja on kavandatud rakendusena VHF/FM raadioringhäälingu saadetele raadiosagedusvahemikus 87,5 MHz kuni 108,0 MHz. RDS-i põhieesmärk on võimaldada FM vastuvõtjatele täiendatud funktsionaalsust ja muuta neid tarbijasõbralikumaks, kasutades selleks funktsioone, nagu programmi identifitseerimine, programmiteenuse nime ekraanile kuvamine, ja võimaldada automaatset häälestust kaasaskantavatele ja autoraadiotele. Vastavat põhihäälestuse ja lülitusinformatsiooni rakendatakse tüüp 0 grupiga (vt 6.1.5.1) ja erinevalt teistest võimalikest RDS-i funktsioonidest ei ole see valikuline.

Keel: en, et
Alusdokumendid: IEC 62106:2015; EN 62106:2015
Tühistamisküsitluse lõppkuupäev: 30.12.2020

EVS-EN ISO 3977-5:2003

Gas turbines - Procurement - Part 5: Applications for petroleum and natural gas industries

This part of ISO 3977 specifies requirements and gives recommendations for the design, materials, fabrication, inspection, testing and preparation for shipment of packaged gas turbines for use in drilling, production, refining and the transport by pipelines of petroleum and natural gas*

Keel: en
Alusdokumendid: ISO 3977-5:2001; EN ISO 3977-5:2003
Tühistamisküsitluse lõppkuupäev: 30.12.2020

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 17169:2020

Tätoveerimine. Ohutu ja hügieeniline praktiseerimine
Tattooing - Safe and hygienic practice (corrected version 02.2020)

Selles dokumendis määratletakse hügieeninõuded enne tätoveerimist ja selle ajal ning järelhooldeks. Selles tuuakse suunised tätoveerijatele ning nende rutiinsele suhtlemisele klientide ja ametivõimudega. Samuti tuuakse selles suunised õigete protseduuride kohta, mida tuleb kasutada kliendi, tätoveerija ja teiste optimaalse ohutuse tagamiseks tätoveerimise tööpiirkonnas.

EVS-EN ISO 22232-3:2020

Mittepurustav katsetamine. Ultraheli katseseadmete määratlemine ja kontrollimine. Osa 3: Kombineeritud seadmed
Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 3: Combined equipment (ISO 22232-3:2020)

See dokument määratleb meetodid, tolerantsid ja aktsepteerimiskriteeriumid kombineeritud ultraheli katseseadmete (st instrumendi, sondide ja ühendatud kaablite) toimimise kontrollimiseks sobivate standardsete kalibreerimisplokkide abil. Need meetodid on spetsiaalselt ette nähtud käsikatseseadmetele, näiteks ultraheliinstrumentide jaoks standardi ISO 22232-1 kohaselt, ja manuaalseks mittepurustavaks ultrahelikatsetamiseks ühe- või kahemuunduriliste sondidega standardi ISO 22232-2 kohaselt. See dokument on kohaldatav ka mitme kanaliga (multi-channel) seadmetele. Automatiseeritud katseseadmete jaoks võib piisava toimimise tagamiseks vaja minna eri katseid. Määratletud meetodid on ette nähtud kasutamiseks operaatoritele, kes töötavad objektide või töökoja tingimustes. Need meetodid ei ole mõeldud tõestama seadme sobivust konkreetsetele rakendustele. See dokument ei hõlma pidevate lainega (continuous waves) töötavaid ultraheliseadmeid. See dokument välistab ka faseeritud ultraheliseadmed (ultrasonic phased array instruments), vt nt ISO 18563-1. Kui faseeritud seadet kasutatakse koos ühe- või kahemuunduriliste sondidega, kohaldatakse seda dokumenti sellele kombinatsioonile.

EVS-EN ISO 3104:2020

Naftasaadused. Läbipaistvad ja läbipaistmatud vedelikud. Kinemaatilise viskoossuse määramine ja dünaamilise viskoossuse arvutamine
Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:2020)

Selles dokumendis täpsustatakse toimingut A, milles kasutatakse käsitsi klaasviskosimeetreid, ja toimingut B, milles kasutatakse automatiseeritult klaaskapillaarviskosimeetreid, läbipaistvate ja läbipaistmatute vedelate naftatoodete kinemaatilise viskoossuse v määramisel, kus mõõdetakse aega, mil vedeliku maht voolab raskusjõu mõjul läbi kalibreeritud klaaskapillaarviskosimeetri. Dünaamiline viskoossus η saadakse mõõdetud kinemaatilise viskoossuse ja vedeliku tiheduse ρ korrutisena. Selle katsemeetodi kinemaatiliste viskoossuste vahemik temperatuurivahemikus –20 °C kuni +150 °C on 0,2 mm2/s kuni 300 000 mm2/s. MÄRKUS Selle dokumendiga saadud tulemus sõltub proovi käitumisest; see standard on ette nähtud vedelike jaoks, millel peamiselt nihkepinge ja nihkekiirus on võrreldavad (Newtoni voolukäitumine). Kui aga viskoossus muutub märkimisväärselt nihkekiiruse kohaselt, võib erineva kapillaaride läbimõõduga viskosimeetrite korral saada eri tulemusi. Samuti on lisatud toimingud ja täpsusväärtused jääkkütteõlidele, mis näitavad mitte-Newtoni käitumist teatud tingimustel.

EVS-EN ISO 4413:2010

Hüdroajamid. Üldreeglid ja ohutusnõuded süsteemidele ja nende komponentidele
Hydraulic fluid power - General rules and safety requirements for systems and their components (ISO 4413:2010)

See rahvusvaheline standard täpsustab üldreegleid ja ohutusnõudeid hüdrosüsteemidele ja komponentidele, mida kasutatakse standardi ISO 12100:2010 terminis 3.1 määratletud masinates. Selles käsitletakse kõiki hüdrosüsteemidega seotud olulisi ohte ja täpsustatakse põhimõtteid, mida tuleb süsteemide ettenähtud kasutusel nende ohtude vältimiseks kohaldada. MÄRKUS 1 Vt peatükk 4 ja lisa A. Selles rahvusvahelises standardis käsitletakse müra märkimisväärset ohtu puudulikult. MÄRKUS 2 Müraemissioon sõltub eriti hüdrokomponentide või -süsteemide paigaldamisest masinatesse. See rahvusvaheline standard kehtib süsteemide ja nende komponentide kavandamise, ehitamise ja muutmise kohta, võttes arvesse ka järgmisi aspekte: a) kokkupanek, b) paigaldamine, c) seadistamine, d) süsteemi katkematu töö, e) hoolduse ja puhastamise lihtsus ja säästlikkus, f) usaldusväärne töötamine kõigil ettenähtud kasutustel, g) energiatõhusus ja h) keskkond.

EVS-EN ISO 4414:2010

Pneumoajamid. Üldreeglid ja ohutusnõuded süsteemidele ja nende komponentidele
Pneumatic fluid power - General rules and safety requirements for systems and their components (ISO 4414:2010)

See rahvusvaheline standard täpsustab üldreegleid ja ohutusnõudeid pneumosüsteemidele ja komponentidele, mida kasutatakse standardi ISO 12100:2010 terminis 3.1 määratletud masinates. Selles käsitletakse kõiki pneumosüsteemidega seotud olulisi ohte ja täpsustatakse põhimõtteid, mida tuleb süsteemide ettenähtud kasutusel nende ohtude vältimiseks kohaldada. MÄRKUS 1 Vt peatükk 4 ja lisa A. Selles rahvusvahelises standardis käsitletakse müra märkimisväärset ohtu puudulikult. MÄRKUS 2

Müraemissioon sõltub eriti pneumokomponentide või -süsteemide paigaldamisest masinatesse. See rahvusvaheline standard kehtib süsteemide ja nende komponentide kavandamise, ehitamise ja muutmise kohta, võttes arvesse ka järgmisi aspekte: a) kokkupanek, b) paigaldamine, c) seadistamine, d) süsteemi katkematu töö, e) hoolduse ja puhastamise lihtsus ja säästlikkus, f) usaldusväärne töötamine kõigil ettenähtud kasutustel, g) energiatõhusus ja h) keskkond. See rahvusvaheline standard ei kehti tavaliselt tehases paigaldatavate õhukompressorite ja õhujagamisega seotud süsteemide, sealhulgas gaasiballoonide ja -mahutite kohta.

EVS-EN ISO/IEC 17000:2020

Vastavushindamine. Sõnavara ja üldpõhimõtted
Conformity assessment - Vocabulary and general principles (ISO/IEC 17000:2020)

See dokument määratleb üldised terminid ja määratlused vastavushindamiseks (sealhulgas vastavushindamisasutuste akrediteerimiseks) ning vastavushindamise kasutamiseks kaubanduse hõlbustamiseks. Vastavushindamise üldpõhimõtted ja funktsionaalse lähenemisviisi kirjeldus on toodud lisas A. Vastavushindamine toimib koos teiste valdkondadega, nagu näiteks juhtimissüsteemid, metroloogia, standardimine ja statistika. Vastavushindamise piire pole selles dokumendis määratletud.

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.

UUED EESTI- ja INGLISKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 17169:2020	Tattooing - Safe and hygienic practice (corrected version 02.2020)	Tätoveerimine. Ohutu ja hügieeniline praktiseerimine
EVS-EN ISO 4413:2010	Hydraulic fluid power - General rules and safety requirements for systems and their components (ISO 4413:2010)	Hüdroajamid. Üldreeglid ja ohutusnõuded süsteemidele ja nende komponentidele
EVS-EN ISO 4414:2010	Pneumatic fluid power - General rules and safety requirements for systems and their components (ISO 4414:2010)	Pneumoajamid. Üldreeglid ja ohutusnõuded süsteemidele ja nende komponentidele