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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 22074-1:2024

Railway infrastructure - Rail fastening systems - Part 1: Vocabulary (ISO 22074-1:2020)

This document specifies the terms and definitions used in the ISO 22074 series of standards related to rail fastening systems. NOTE In this document, there are some entries where more than one term is listed in the header (e.g. sleeper, tie, cross tie in 3.2.3). In such cases, the first term is the preferred term, generally used in the ISO 22074 series of standards. The other terms are also in common use in the railway industry and are considered to be synonymous (admitted terms).

Keel: en
Alusdokumendid: ISO 22074-1:2020; EN ISO 22074-1:2024

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

EVS-EN ISO 21177:2024

Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2024)

This document contains specifications for a set of ITS station security services required to ensure the authenticity of the source and integrity of information exchanged between trusted entities, i.e.: — between devices operated as bounded secured managed entities, i.e. "ITS Station Communication Units" (ITS-SCU) and "ITS station units" (ITS-SU) as specified in ISO 21217; and — between ITS-SUs (composed of one or several ITS-SCUs) and external trusted entities such as sensor and control networks. These services include the authentication and secure session establishment which are required to exchange information in a trusted and secure manner. These services are essential for many intelligent transport system (ITS) applications and services, including time-critical safety applications, automated driving, remote management of ITS stations (ISO 24102-2), and roadside/infrastructure-related services.

Keel: en
Alusdokumendid: ISO 21177:2024; EN ISO 21177:2024
Asendab dokumenti: EVS-EN ISO 21177:2023

11 TERVISEHOOLDUS

EVS-EN 17430:2024

Chemical disinfectants and antiseptics - Hygienic handrub virucidal - Test method and requirements (phase 2/step 2)

This document specifies a test method simulating practical conditions for establishing whether a product for hygienic handrub reduces the release of virus contamination on hands when rubbed onto the artificially contaminated hands of volunteers. NOTE 1 Attention is drawn to the fact that tests on human volunteers are the subject of legal provisions in certain European countries/regions. This document is applicable to products for hygienic handrub for use in areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example: - in hospitals, in community medical facilities and in dental institutions; - in clinics of schools, of kindergartens and of nursing homes; and can occur in the workplace and in the home. It can also include services such as laundries and kitchens supplying products directly for the patient. EN 14885 specifies in detail the relationship of the various tests to one another and to “use recommendations”. NOTE 2 This method corresponds to a phase 2, step 2 test.

Keel: en
Alusdokumendid: EN 17430:2024

EVS-EN ISO 15002:2024

Flow control devices for connection to a medical gas supply system (ISO 15002:2023)

This document specifies requirements for flow control devices that can be connected by the user either directly, by means of a probe or a gas-specific connector, or indirectly by means of a low-pressure hose assembly conforming with ISO 5359 to: a) a terminal unit conforming with ISO 9170-1 of a medical gas pipeline system conforming with ISO 7396-1:2016; b) the pressure outlet of a regulator conforming with ISO 10524-1:2018; or c) to the pressure outlet of a valve integrated pressure regulator (VIPR) conforming with ISO 10524-3 (see 5.2 gas inlets). This document applies to the following types of flow control devices (FCDs): a) flowmeters; b) flowgauge FCDs; and c) fixed orifice FCDs. NOTE Flow control devices that are classed as medical electrical equipment can be subject to additional requirements of IEC 60601-1. This document applies to flow control devices for the following gases: — oxygen; — oxygen 93 %; — nitrous oxide; — medical air; — carbon dioxide; — oxygen/nitrous oxide mixture 50/50 (% volume fraction); — oxygen-enriched air; — helium; — xenon; and — specified mixtures of the gases listed above. NOTE Flow control devices can be available for other gases. This document does not apply to flow control devices that are: a) for use with gases for driving surgical tools; b) an integral part of a regulator (see ISO 10524-1:2018); or c) an integral part of a valve with integrated pressure regulator (VIPR) (see ISO 10524-3).

Keel: en
Alusdokumendid: ISO 15002:2023; EN ISO 15002:2024
Asendab dokumenti: EVS-EN ISO 15002:2008
Asendab dokumenti: EVS-EN ISO 15002:2008/A1:2019

EVS-EN ISO 16021:2024

Absorbent incontinence products for urine and/or faeces - Basic principles for evaluation of single-use adult products from the perspective of users and caregivers (ISO 16021:2024)

This document provides guidelines and requirements for designing and conducting an evaluation of single-use adult incontinence absorbing products. It provides guidelines and requirements on creating data collection tools. In particular, it provides a framework for eliciting and recording the views of users and their carers on the acceptability of products. In addition, a product diary is described which can help to quantify some parameters of product use, such as wear times, the mass of urine absorbed by the product and the severity of any leakage from it. This document does not cover direct comparison between products based on statistical parameters, neither does it provide guidelines on measuring the clinical efficacy of products; that is available in ISO 14155.

Keel: en
Alusdokumendid: ISO 16021:2024; EN ISO 16021:2024
Asendab dokumenti: EVS-EN ISO 16021:2003

EVS-EN ISO 81060-2:2019/A2:2024

Mitteinvasiivsed sfügmomanomeetrid. Osa 2: Katkendliku automatiseeritud mõõteviisi kliinilised uuringud
Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type - Amendment 2 (ISO 81060-2:2018/Amd 2:2024)

Amendment to EN ISO 81060-2:2019

Keel: en
Alusdokumendid: ISO 81060-2:2018/Amd 2:2024; EN ISO 81060-2:2019/A2:2024
Muudab dokumenti: EVS-EN ISO 81060-2:2019

EVS-EN ISO 81060-2:2019+A1+A2:2024

Mitteinvasiivsed sfügmomanomeetrid. Osa 2: Katkendliku automatiseeritud mõõteviisi kliinilised uuringud
Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type (ISO 81060-2:2018 + ISO 81060-2:2018/Amd 1:2020 + ISO 81060-2:2018/Amd 2:2024)

This document specifies the requirements and methods for the CLINICAL INVESTIGATION of ME EQUIPMENT used for the INTERMITTENT non-invasive automated estimation of the arterial BLOOD PRESSURE by utilizing a CUFF. This document is applicable to all SPHYGMOMANOMETERS that sense or display pulsations, flow or sounds for the estimation, display or recording of BLOOD PRESSURE. These SPHYGMOMANOMETERS need not have automatic CUFF inflation. This document covers SPHYGMOMANOMETERS intended for use in all PATIENT populations (e.g. all age and weight ranges), and all conditions of use (e.g. ambulatory BLOOD PRESSURE monitoring, stress testing BLOOD PRESSURE monitoring and BLOOD PRESSURE monitors for the HOME HEALTHCARE ENVIRONMENT for self-measurement as well as use in a professional healthcare facility). EXAMPLE AUTOMATED SPHYGMOMANOMETER as given in IEC 80601-2-30 undergoing CLINICAL INVESTIGATION according to this document. This document specifies additional disclosure requirements for the ACCOMPANYING DOCUMENTS of SPHYGMOMANOMETERS that have passed a CLINICAL INVESTIGATION according to this document. This document is not applicable to CLINICAL INVESTIGATIONS of NON-AUTOMATED SPHYGMOMANOMETERS as given in ISO 81060-1 or INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT as given in IEC 60601-2-34. This document is not applicable to CLINICAL INVESTIGATIONS of a set of CUFFS that are not of same materials and construction. Each type of CUFF set is required to be evaluated separately according to this document.

Keel: en
Alusdokumendid: ISO 81060-2:2018; EN ISO 81060-2:2019; ISO 81060-2:2018/Amd 1:2020; EN ISO 81060-2:2019/A1:2020; ISO 81060-2:2018/Amd 2:2024; EN ISO 81060-2:2019/A2:2024
Konsolideerib dokumenti: EVS-EN ISO 81060-2:2019
Konsolideerib dokumenti: EVS-EN ISO 81060-2:2019/A1:2020
Konsolideerib dokumenti: EVS-EN ISO 81060-2:2019/A2:2024

EVS-EN ISO 8362-2:2024

Injection containers and accessories - Part 2: Closures for injection vials (ISO 8362-2:2024)

This document specifies the shape, dimensions, material, performance requirements and labelling of closures for injection vials covered by ISO 8362-1 and ISO 8362-4. The dimensional requirements are not applicable to barrier-coated closures. Closures specified in this document are intended for single use only. NOTE The potency, purity, stability and safety of a medicinal product during its manufacture and storage can strongly be affected by the nature and performance of the primary packaging.

Keel: en
Alusdokumendid: ISO 8362-2:2024; EN ISO 8362-2:2024
Asendab dokumenti: EVS-EN ISO 8362-2:2015
Asendab dokumenti: EVS-EN ISO 8362-2:2015/A1:2022
Asendab dokumenti: EVS-EN ISO 8362-2:2015+A1:2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 18047:2024
Mechanical products — Order of magnitude of key environmental data

This document provides general environmental data relevant for mechanical products. It can apply to all parts of a mechanical product. The aim is to provide design offices in companies guidance values allowing them to: - guide design (or redesign) choices for their products (e.g.: to compare technical solutions) by providing a complementary environmental criterion in a multicriteria approach; - improve the knowledge on products with the environmental perspective (simplified environmental performance assessment). These data concern the most relevant items for the mechanical field: material, processes, energy, transportation and end of life of products. They provide an order of magnitude of impacts and cannot be considered as absolute values because many parameters can influence the obtained results (geographical and technical perimeters, use scenarios, hypothesis and method of calculation, etc.). They are not aimed to replace specific data obtained or used by companies in the framework of individual projects. They are not aimed to be used as such for: - quantification of environmental impacts within a life cycle analysis (LCA) according to EN ISO 14040/EN ISO 14044, - environmental communication as defined in EN ISO 14025 (Type III environmental declaration), - evidence of regulatory compliance.

Keel: en
Alusdokumendid: CEN/TR 18047:2024

EVS-EN 134:2024
Respiratory protective devices - Nomenclature of components

This document specifies the nomenclature for typical components of respiratory protective devices. It does not specify which or how many components are used and where they are located in the apparatus. The illustrations used are given as examples only for the identification of the different parts and the corresponding terms for facilitating the application. The terms and definitions used are given in EN ISO 16972:2020 and EN 135:1998. The terms are given in the three official CEN languages.

Keel: en
Alusdokumendid: EN 134:2024
Asendab dokumenti: EVS-EN 134:2001

EVS-EN 13819-3:2019+A1:2024
Hearing protectors - Testing - Part 3: Supplementary acoustic test methods

This document specifies supplementary acoustic test methods for hearing protectors with additional electronic functions. The purpose of these tests is to enable assessment of the hearing protector performance as specified in the appropriate product standards.

Keel: en
Alusdokumendid: EN 13819-3:2019+A1:2024
Asendab dokumenti: EVS-EN 13819-3:2019

EVS-EN 17980:2024
Algae and algae products - Sampling - Guidelines for the definition of sampling programs and sampling protocols

This document specifies a set of principles and rules that algae producers, algae products industries, laboratories or other entities that collect algae and algae products samples can follow for the definition of their own sampling programs and sampling protocols. In the context of this document, algae are a functional group that include microalgae, macroalgae, cyanobacteria and Labyrinthulomycetes. As algae and their production processes are so diverse, this document does not define a specific sampling program and/or a specific sampling protocol. Instead, this document specifies the aspects that can be considered when defining its own sampling program and protocol. This document describes when, where and how to draw a representative sample. For guidance on sample preparation of dry and wet samples of micro- and macroalgae, and algae products, please refer to EN 17605. This document is to be used for the collection of samples for lot characterization for commercial or legal/regulatory purposes. However, this document can also be used for any type of sampling of algae, including samples for quality control during production.

Keel: en
Alusdokumendid: EN 17980:2024

EVS-EN 352-10:2020+A1:2024
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+A1:2024
Asendab dokumenti: EVS-EN 352-10:2020

EVS-EN 352-6:2020+A1:2024

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 6: Ohutusalase audiosidega kõrvaklapid
Hearing protectors - Safety requirements - Part 6: Earmuffs with safety-related audio input

This European Standard is applicable to earmuffs 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 352-6:2020+A1:2024
Asendab dokumenti: EVS-EN 352-6:2020

EVS-EN 352-8:2020+A1:2024

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+A1:2024
Asendab dokumenti: EVS-EN 352-8:2020

EVS-EN 352-9:2020+A1:2024

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+A1:2024
Asendab dokumenti: EVS-EN 352-9:2020

EVS-EN ISO 13702:2024

Oil and gas industries - Control and mitigation of fires and explosions on offshore production installations - Requirements and guidelines (ISO 13702:2024)

This document specifies the objectives and functional requirements for the control and mitigation of fires and explosions on offshore installations used for the development of hydrocarbon resources in oil and gas industries. The object is to achieve: safety of personnel; protection of the environment; protection of assets; minimization of financial and consequential losses of fires and explosions. This document is applicable to the following: fixed offshore structures; floating systems for production, storage, and offloading. Mobile offshore units and subsea installations are excluded, although many of the principles contained in this document can be used as guidance.
Keel: en
Alusdokumendid: ISO 13702:2024; EN ISO 13702:2024
Asendab dokumenti: EVS-EN ISO 13702:2015

EVS-EN ISO 16000-11:2024

Indoor air - Part 11: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Sampling, storage of samples and preparation of test specimens (ISO 16000-11:2024)

This document specifies the sampling procedures, transport conditions, storage and substrate used that can affect emissions of volatile organic compounds for three types of building products or furnishing: solid, liquid and combined. For individual products, the preparation of a test specimen for each type is specified.
Keel: en
Alusdokumendid: ISO 16000-11:2024; EN ISO 16000-11:2024
Asendab dokumenti: EVS-EN ISO 16000-11:2006

EVS-EN ISO 16000-9:2024

Indoor air - Part 9: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Emission test chamber method (ISO 16000-9:2024)

This document specifies a general laboratory test method for the determination of the area specific emission rate of volatile organic compounds (VOCs) from samples of newly produced building products or furnishing under defined climate conditions. The method can also, in principle, be applied to samples of aged products. The emission data obtained can be used to calculate concentrations in a model room (see Table B.1). This document is applicable to various emission test chambers used for the determination of the emission of VOCs from building products or furnishing. This document is also applicable to samples of wood-based panels and other building products, in order to determine the emission rate of formaldehyde. NOTE In principle, this document can be applied to the study of any gas phase emissions from samples of building products and furnishing.
Keel: en
Alusdokumendid: ISO 16000-9:2024; EN ISO 16000-9:2024
Asendab dokumenti: EVS-EN ISO 16000-9:2006
Asendab dokumenti: EVS-EN ISO 16000-9:2006/AC:2007

EVS-EN ISO 17294-1:2024

Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 1: General requirements (ISO 17294-1:2024)

This document specifies the principles of inductively coupled plasma mass spectrometry (ICP-MS) and provides general requirements for the use of this technique to determine elements in water, digests of sludges and sediments (e.g. digests of water as described in ISO 15587-1 or ISO 15587-2). Generally, the measurement is carried out in water, but gases, vapours or fine particulate matter can be introduced too. This document applies to the use of ICP-MS for aqueous solution analysis. The ultimate determination of the elements is described in a separate International Standard for each series of elements and matrix. The individual clauses of this document refer the user to these guidelines for the basic principles of the method and the configuration of the instrument.
Keel: en
Alusdokumendid: ISO 17294-1:2024; EN ISO 17294-1:2024
Asendab dokumenti: EVS-EN ISO 17294-1:2006

EVS-EN ISO 4126-10:2024

Ülerõhu kaitseseadmed. Osa 10: Kaitseklappide ja kaitsemembraanide suuruse määramine gaasi/vedeliku kahefaasilisele voolule
Safety devices for protection against excessive pressure - Part 10: Sizing of safety valves and bursting discs for gas/liquid two-phase flow (ISO 4126-10:2024)

This document specifies the sizing of safety valves and bursting discs for gas/liquid two-phase flow in pressurized systems such as reactors, storage tanks, columns, heat exchangers, piping systems or transportation tanks/containers, see Figure 2. The possible fluid states at the safety device inlet that can result in two-phase flow are given in Table 1. NOTE The pressures used in this document are absolute pressures, not gauge pressures.
Keel: en
Alusdokumendid: ISO 4126-10:2024; EN ISO 4126-10:2024

EVS-EN ISO 7029:2017/A1:2024

Acoustics - Statistical distribution of hearing thresholds related to age and gender - Amendment 1: Correction of parameter values for estimating the hearing threshold distribution (ISO 7029:2017/Amd 1:2024)

Amendment to EN ISO 7029:2017
Keel: en
Alusdokumendid: ISO 7029:2017/Amd 1:2024; EN ISO 7029:2017/A1:2024
Muudab dokumenti: EVS-EN ISO 7029:2017

EVS-EN ISO/ASTM 52933:2024

Additive manufacturing - Environment, health and safety - Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places (ISO/ASTM 52933:2024)

This document specifies a test method for measuring hazardous substances emitted during the operation of material extrusion type AM machines commonly used in the non-industrial places and includes non-normative suggestions for ways to reduce them. This document specifies some of the main hazardous substances emitted from this type of machine during operation for currently commonly used materials, it describes the additional information and the associated test method for measuring hazardous substances, and includes considerations for reducing the hazardous substances and basic countermeasures. This document specifies how to measure concentrations of hazardous substances generated in the non-industrial places (school, public place and so on) in which this type of machines are installed, and to maintain an acceptable work environment by managing field facilities, machines, filaments, and additive manufactured products for the reduction of hazardous substances. However, this document does not cover all gas-phase chemical emissions. Only a range of Volatile Organic Compounds (VOCs) from n-hexane to n-hexadecane, including aldehydes are included. Considerations for reducing chemical emissions and for improving the work environment are given in Annexes A and B.

Keel: en
Alusdokumendid: ISO/ASTM 52933:2024; EN ISO/ASTM 52933:2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60704-2-14:2013/A2:2024

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-14: Erinõuded külmikutele, külmkambritele ja sügavkülmutitele
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers

Amendment to EN 60704-2-14:2013

Keel: en
Alusdokumendid: IEC 60704-2-14:2013/AMD2:2024; EN 60704-2-14:2013/A2:2024
Muudab dokumenti: EVS-EN 60704-2-14:2013

EVS-EN IEC 62836:2024

Measurement of internal electric field in insulating materials - Pressure wave propagation method

IEC 62836:2024 provides an efficient and reliable procedure to test the internal electric field in the insulating materials used for high-voltage applications, by using the pressure wave propagation (PWP) method. It is suitable for a planar and coaxial geometry sample with homogeneous insulating materials of thickness larger or equal to 0,5 mm and an electric field higher than 1 kV/mm, but it is also dependent on the thickness of the sample and the pressure wave generator. This first edition cancels and replaces IEC TS 62836 published in 2020. This edition includes the following significant technical changes with respect to IEC TS 62836: a) addition of Clause 12 for the measurement of space charge distribution in a planar sample; b) addition of Clause 13 for coaxial geometry samples; c) addition of Annex D with measurement examples for coaxial geometry samples; d) addition of a Bibliography; e) measurement examples for a planar sample have been moved from Clause 12 in IEC TS 62836 to Annex C.
Keel: en
Alusdokumendid: IEC 62836:2024; EN IEC 62836:2024

EVS-EN IEC 63305:2024

Underwater Acoustics - Calibration of acoustic wave vector receivers in the frequency range 5 Hz to 10 kHz

IEC 63305:2024 specifies methods and procedures for calibration of vector receivers in the frequency range 5 Hz to 10 kHz, which are applicable to vector receivers based on the two different principles. In addition, it describes an absolute method of inertial vector receiver calibration in air using optical interferometry. Usually, acoustic wave vector receivers are designed and constructed based on one of two principles. One is the sound pressure difference (gradient) principle. When measuring with this sensor, the vector receiver is rigidly fixed on a mount and supported in water. The other is the co-vibrating (inertial) principle. When measuring with this sensor, the vector receiver is suspended on a mount and supported in water in a non-rigid manner, which allows the vector receiver co-vibrate in the same direction as the sound particle in the sound wave field. Many methods have been used to calibrate vector receivers, such as free-field calibration, calibration in standing wave tube and calibration in a travelling wave tube.
Keel: en
Alusdokumendid: IEC 63305:2024; EN IEC 63305:2024

EVS-EN ISO 18183-1:2024

Geometrical product specifications (GPS) - Partition - Part 1: Vocabulary and basic concepts (ISO 18183-1:2024)

This document defines the basic terms for partitioned features and establishes a framework for the fundamental procedures used in partition.
Keel: en
Alusdokumendid: ISO 18183-1:2024; EN ISO 18183-1:2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 1594:2024

Gaasitaristu. Torustikud maksimaalse töörõhuga üle 16 bar. Talitluslikud nõuded
Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements

Selles dokumendis kirjeldatakse talitluslikke nõudeid torustikele maksimaalse töörõhuga üle 16 bar. Lisaks kirjeldatakse selles dokumendis mehaaniliste omaduste nõudeid jaamades paiknevatele torustikele maksimaalse töörõhuga üle 16 bar. MÄRKUS Keevitusnõudeid on kirjeldatud standardis EN 12732. Jaamade talitluslikud nõuded on toodud standardites EN 1776, EN 1918-5, EN 12186 ja EN 12583. See dokument on kohaldatav gaasi transportimisel, kui kasutatakse maismaal asuvat terasest valmistatud kõrgrõhu torustikku, mille korral kehtivad järgmised tingimused: — maismaa: — alates kohast, kus torustik lõikub esmakordselt punktiga, mida üldiselt tunnustatakse maismaal asuva osa ja meres asuva osa vastutusalade piirina ning see ei paikne äri- või tööstusettevõtete territooriumil tootmisprotsessi lahutamatu osana, kusjuures erandid on kõik selliste ettevõtete gaasivarustuseks vajalikud torustikud ja rajatised; — maismaal paikneva alguspunktiga torustik, ka siis, kui maismaal paikneva torustiku osad läbivad või ületavad fjorde, järvi jms; — kõrgrõhk: gaas maksimaalse töörõhuga üle 16 bar ning arvutustemperatuuriga vahemikus −40 °C kuni 120 °C; — terastorustik: taristu, mis koosneb torustiku komponentidest, näiteks torudest, kraanidest, liitmikest ja muudest seadmetest, kusjuures komponendid on valmistatud legeerimata või madallegeeritud terasest ning ühendatud keevisõmbluste, äärikute või mehaaniliste liitmikega; — gaas: mittesöövitav maagaas, biometaangaas, vesinikgaas ja nende gaaside segud, kui tehnilise hindamise käigus on tuvastatud, et töötingimused või gaasi koostisosad või omadused ei mõjuta torustiku ohutut talitlust. Selles dokumendis käsitletav gaasitaristu algab pärast gaasitootja gaasimõõtejaama. MÄRKUS 2 Torustiku talitluslik piir paikneb tavaliselt vahetult pärast paigaldise esimest lahutuskraani, kuid võib olenevalt olukorrast erineda. Torustiku talitluslik piir paikneb tavaliselt paigaldise esimesel lahutuskraanil, kuid võib olenevalt olukorrast erineda. Gaasitaristu torustikke on kujutatud skemaatiliselt joonisel 1. Seda dokumenti võib kohaldada ka olemasolevate torustike ümberehitamisel. Selles dokumendis on määratletud gaasitaristu üldised põhimõtted. Selle standardi kasutajad peaksid arvestama, et CEN-i liikmesriikides võivad kehtida üksikasjalikumad rahvuslikud standardid ja/või tegevusjuhised. See dokument on mõeldud rakendamiseks koos nimetatud rahvuslike standardite ja/või tegevusjuhistega, milles on sätestatud eespool mainitud põhimõtted. Vastuolude korral, mis puudutavad riiklikes õigusaktides/eeskirjades sätestatud rangemaid nõudeid võrreldes selle standardi nõuetega, tuleb juhinduda riiklike õigusaktide/eeskirjade nõuetest, nagu märgitud tehnilises aruandes CEN/TR 13737. CEN/TR 13737 sätestab — kõigi liikmesriigis kohaldatavate õigusaktide/eeskirjade selgituse; — vajaduse korral rangemad riiklikud nõuded; — riikliku kontaktpunkti kõige uuema teabe saamiseks.
Keel: en, et
Alusdokumendid: EN 1594:2024
Asendab dokumenti: EVS-EN 1594:2014

EVS-EN ISO 22435:2024

Gas cylinders - Cylinder valves with integrated pressure regulators - Specification and type testing (ISO 22435:2024)

This document specifies design, type test methods, marking and instruction requirements for cylinder valves with integrated pressure regulators (VIPRs) intended to be fitted to gas cylinders, pressure drums or tubes or used as a main valve for bundles of cylinders that convey compressed, liquefied or dissolved gases. These are requirements for VIPRs that are in addition to those given in the relevant closure standard, for example, in ISO 10297 for cylinder valves, in ISO 17871 for quick-release cylinder valves, in ISO 17879 for self-closing cylinder valves or in ISO 23826 for ball valves. For ISO 17871, these requirements are only applicable to quick-release cylinder valves types B, C, D and E. NOTE 1 If the pressure regulating system of a VIPR is acting as the primary valve operating mechanism, it is covered by the relevant closure standard, e.g. ISO 10297, ISO 17871, ISO 17879 and ISO 23826. This also includes designs where closure of the primary valve operating mechanism of a VIPR is obtained by closing the seat of the pressure regulating system. NOTE 2 If the primary valve operating mechanism of a VIPR is located at the low-pressure side of the pressure regulating system, it is covered by the relevant closure standard, e.g. ISO 10297, ISO 17871, ISO 17879 and ISO 23826. NOTE 3 The term “pressure receptacle” is used within this document to cover instances where no differentiation is necessary between gas cylinders, bundles of cylinders, pressure drums and tubes. This document does not apply to VIPRs for a) medical applications (see ISO 10524-3); b) liquefied petroleum gas (LPG); c) cryogenic applications. NOTE 4 Additional requirements for a VIPR with a residual pressure device (RPD) are specified in ISO 15996. NOTE 5 Additional requirements for pressure relief valves can exist in international/regional regulations/ standards.

Keel: en
Alusdokumendid: ISO 22435:2024; EN ISO 22435:2024
Asendab dokumenti: EVS-EN ISO 22435:2007
Asendab dokumenti: EVS-EN ISO 22435:2007/A1:2012

25 TOOTMISTEHNOLOOGIA

EVS-EN 12814-7:2024

Testing of welded joints of thermoplastics semi-finished products - Part 7: Tensile test with waisted test specimens

This document specifies the dimensions, the method of sampling, the preparation of the test specimens and the conditions for performing the tensile test with waisted test specimens in order to determine the tensile energy welding factor. A tensile test with waisted specimens can be used in conjunction with other tests (e.g. bend, tensile, tensile creep, macro, etc.) to assess the performance of welded assemblies, made from thermoplastics materials. The test is applicable to co-axial or co-planar heated tool butt welded assemblies made from thermoplastics materials filled or unfilled, but not reinforced. It is not applicable to tubular assemblies with a nominal outside diameter less than 90 mm.

Keel: en
Alusdokumendid: EN 12814-7:2024
Asendab dokumenti: EVS-EN 12814-7:2002

EVS-EN IEC 60676:2024

Industrial electroheating equipment - Test methods for direct arc furnaces

IEC 60676:2024 This document specifies the basic test procedures, conditions and methods for establishing the main performance parameters and the main operational characteristics of furnaces for direct arc heating, forming arcs between the electrode and metal, such as electric arc furnaces using alternating current (EAF AC) or direct current (EAF DC), and ladle furnaces (LF), with rated power level above 500 kVA . This fourth edition cancels and replaces the third 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 structure has been redrafted according to IEC 60398:2015. b) The scope has been redrafted. c) The terms/definitions, normative references and bibliography have been updated and completed. d) The test methods and content from IEC 60398:2015 have been confirmed, replaced, or complemented with regards to direct arc furnaces (EAF, LF). e) The annexes from IEC 60398:2015 have been confirmed, replaced, or complemented with regards to direct arc furnaces (EAF, LF).

Keel: en
Alusdokumendid: IEC 60676:2024; EN IEC 60676:2024
Asendab dokumenti: EVS-EN 60676:2012

EVS-EN ISO 16739-1:2024

Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries - Part 1: Data schema (ISO 16739-1:2024)

This document represents an open international standard for information used in Building Information Modeling (BIM) that is exchanged and shared among software applications used by the various participants in the construction or facility management industry sector. This document includes definitions that cover information required for buildings and infrastructure works over their life cycle. This edition of the document added coverage of information required for infrastructure facilities including bridges, roads, railways, waterways and port facilities. This document comprises the publication of a data schema, its documentation, the property and quantity set definitions and the mechanism of an exchange file format structure. Definitions from this document are used to support different recognized work flows in the construction and facility management industry sector, representing information deliveries. Such information deliveries can be described according to ISO 29481. Different implementation levels of this document can be defined to better support multiple information deliveries, they are referred to as a Model View Definition (MVD). Each MVD identifies which subset of the definitions of this document imposes requirements for implementation in software applications. Conforming software applications need to identify the model view definition they conform to when applying for software certification. The following are within the scope of this edition of this document: BIM exchange format definitions that are required

during the life cycle phases of buildings and infrastructure: demonstrating the need; conception of need; outline feasibility; substantive feasibility study and outline financial authority; outline conceptual design; full conceptual design; coordinated design; procurement and full financial authority; production information; construction; operation and maintenance. BIM exchange format definitions that are required by the various disciplines involved within the life cycle phases: architecture and civil engineering design; service and utilities engineering; structural engineering; procurement; construction planning; facility and utility management; project management; client requirement management; industry authorities for permits and approval. BIM exchange format definitions including: project structure; physical components; spatial components; analysis items; processes; resources; controls; actors; context definition.

Keel: en
Alusdokumendid: EN ISO 16739-1:2024; ISO 16739-1:2024
Asendab dokumenti: EVS-EN ISO 16739-1:2020

EVS-EN ISO/ASTM 52927:2024

Additive manufacturing - General principles - Main characteristics and corresponding test methods (ISO/ASTM 52927:2024)

This document specifies the principal requirements applied to the testing of parts produced by additive manufacturing processes. This document — identifies quality characteristics for feedstock and parts and the corresponding test procedures, — provides the specific procedures to build specimens using additive manufacturing process, and — recommends the scope and content of test and supply agreements. This document is aimed at machine manufacturers, feedstock suppliers, AM system users, part providers, and customers to facilitate the communication on main quality characteristics. It applies wherever additive manufacturing processes are used. NOTE It is the intent to include, in future versions of this document, other characteristics such as thermal properties, electrical requirements and physical and physico-chemical properties based upon material types.

Keel: en
Alusdokumendid: ISO/ASTM 52927:2024; EN ISO/ASTM 52927:2024
Asendab dokumenti: EVS-EN ISO 17296-3:2016

EVS-EN ISO/ASTM 52933:2024

Additive manufacturing - Environment, health and safety - Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places (ISO/ASTM 52933:2024)

This document specifies a test method for measuring hazardous substances emitted during the operation of material extrusion type AM machines commonly used in the non-industrial places and includes non-normative suggestions for ways to reduce them. This document specifies some of the main hazardous substances emitted from this type of machine during operation for currently commonly used materials, it describes the additional information and the associated test method for measuring hazardous substances, and includes considerations for reducing the hazardous substances and basic countermeasures. This document specifies how to measure concentrations of hazardous substances generated in the non-industrial places (school, public place and so on) in which this type of machines are installed, and to maintain an acceptable work environment by managing field facilities, machines, filaments, and additive manufactured products for the reduction of hazardous substances. However, this document does not cover all gas-phase chemical emissions. Only a range of Volatile Organic Compounds (VOCs) from n-hexane to n-hexadecane, including aldehydes are included. Considerations for reducing chemical emissions and for improving the work environment are given in Annexes A and B.

Keel: en
Alusdokumendid: ISO/ASTM 52933:2024; EN ISO/ASTM 52933:2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN IEC 62282-6-101:2024

Fuel cell technologies - Part 6-101: Micro fuel cell power systems - Safety - General requirements

IEC 62282-6-101:2024 covers micro fuel cell power systems and fuel cartridges that are wearable or easily carried by hand, providing direct current outputs that do not exceed 60 V DC and power outputs that do not exceed 240 VA. Portable fuel cell power systems that provide output levels that exceed these electrical limits are covered by IEC 62282-5-100. This document covers micro fuel cell power systems and fuel cartridges. This document establishes the requirements for micro fuel cell power systems and fuel cartridges to ensure a reasonable degree of safety for normal use, reasonably foreseeable misuse, and cargo and consumer transportation and storage of such items. . Fuel cartridges refilled by the manufacturer or by trained technicians are covered by this document. The fuel cartridges covered by this document are not intended to be refilled by the consumer. This first edition, together with the other parts of the IEC 62282-6-1XX series, cancels and replaces IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012. This edition includes the following significant technical changes with respect to IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012: a) A new structure has been set up: IEC 62282-6-101 covers the general safety requirements common to all fuel types whereas IEC 62282-6-102 and subsequent parts of the IEC 62282-6-1XX series cover particular requirements for specific fuel types based on the requirements given in IEC 62282-6-101.

Keel: en
Alusdokumendid: IEC 62282-6-101:2024; EN IEC 62282-6-101:2024
Asendab dokumenti: EVS-EN 62282-6-100:2010
Asendab dokumenti: EVS-EN 62282-6-100:2010/A1:2012

EVS-EN IEC 62282-6-106:2024

Fuel cell technologies - Part 6-106: Micro fuel cell power systems - Safety - Indirect Class 8 (corrosive) compounds

IEC 62282-6-106:2024 covers micro fuel cell power systems, micro fuel cell power units and fuel cartridges using hydrogen produced from UN Class 8 (corrosive) borohydride formulations as fuel. These systems and units use proton exchange membrane (PEM) fuel cell technologies. The designs include fuel processing subsystems to derive hydrogen gas from the corrosive fuel formulation. This first edition, together with the other parts of the IEC 62282-6-1XX series, cancels and replaces IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012.This edition includes the following significant technical changes with respect to IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012: a) A new structure has been set up: IEC 62282-6-101 covers the general safety requirements common to all fuel types whereas IEC 62282-6-102 and subsequent parts of the IEC 62282-6-1XX series cover particular requirements for individual fuel types.

Keel: en
Alusdokumendid: IEC 62282-6-106:2024; EN IEC 62282-6-106:2024
Asendab osaliselt dokumenti: EVS-EN 62282-6-100:2010
Asendab osaliselt dokumenti: EVS-EN 62282-6-100:2010/A1:2012

EVS-EN ISO 18134-2:2024

Solid biofuels - Determination of moisture content - Part 2: Simplified method (ISO 18134-2:2024)

This document specifies a method of determining the moisture content of a test sample of solid biofuels by drying in an oven and is used when the highest precision is not needed, e.g. for routine production control on site. The method described in this document is applicable to all solid biofuels. The moisture content of solid biofuels (as received) is always reported based on the total mass of the test sample (wet basis). NOTE Biomass materials can contain small amounts of volatile organic compounds (VOC) which can evaporate when determining moisture content by oven drying (see References [1] and [2]). The release of such compounds is quite small relative to the overall moisture content as determined by this method and is disregarded in this document.

Keel: en
Alusdokumendid: ISO 18134-2:2024; EN ISO 18134-2:2024
Asendab dokumenti: EVS-EN ISO 18134-2:2017

EVS-EN ISO 24194:2022/A1:2024

Solar energy - Collector fields - Check of performance - Amendment 1 (ISO 24194:2022/Amd 1:2024)

Amendment to EN ISO 24194:2022

Keel: en
Alusdokumendid: ISO 24194:2022/Amd 1:2024; EN ISO 24194:2022/A1:2024
Muudab dokumenti: EVS-EN ISO 24194:2022

29 ELEKTROTEHNIKA

EVS-EN IEC 60352-9:2024

Solderless connections - Part 9: Ultrasonically welded connections - General requirements, test methods and practical guidance

IEC 60352-9:2024 provides guidelines for welding and testing of ultrasonically welded connections and includes requirements, tests and practical guidance information. Ultrasonic welding is a form of cold friction welding that is becoming increasingly popular in many industries. This type of welding uses ultrasonic vibration to join materials together, creating a bond that is both strong and reliable. Ultrasonic welding has been identified as a process in ISO 4063-41 by the International Organization for Standardization (ISO). The process of ultrasonic welding relies on high frequency ultrasound waves being used to create frictional heat at the connection point. High temperature is not required for this special method of welding, making it one of the most cost-effective ways to join two materials together. It also requires fewer steps than traditional methods, meaning it can be completed quickly and with minimal resources. Ultrasonic welding has been around for decades but only recently has become more widely utilized due to advances in technology and its availability at lower cost. It can be used on many different materials including plastics, rubbers, metals, textiles, and composites. Due to its precision and strong bonds it creates, it has become extremely popular in manufacturing processes such as automotive industry, electronics industry, furniture production and even medical device production. This document covers ultrasonically welded connections made with stranded or flexible wires (class 2, 5 or 6 per IEC 60228) of copper or copper alloy, as well as of aluminium or aluminium alloy. These welded metal-to-metal connections shall employ wires with cross-sectional area of 0,08 mm2 to 160 mm2 and shall not exceed a total cross-sectional area, in case of wire bundle, of 200 mm2. For aluminium or aluminium alloy wires, the minimum required cross-sectional area is 2,5 mm2. Additionally, information on materials, data from industrial experience and test procedures are included to ensure electrically stable connections under prescribed environmental conditions. Lastly, this document aims to achieve comparable results when using ultrasonic welding equipment with similar performance and specifications as specified by the termination manufacturer.

Keel: en
Alusdokumendid: IEC 60352-9:2024; EN IEC 60352-9:2024

EVS-EN IEC 62561-7:2024

Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds

IEC 62561-7:2024 specifies the requirements and tests for earthing enhancing compounds producing low resistance of an earth termination system. This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Figure A.1 has been replaced with a simpler one that clearly shows the high and low corrosion load limits of the earth enhancing compounds without the need for special knowledge; b) pH measurement has been introduced.

Keel: en
Alusdokumendid: IEC 62561-7:2024; EN IEC 62561-7:2024
Asendab dokumenti: EVS-EN IEC 62561-7:2018

EVS-EN IEC 62836:2024

Measurement of internal electric field in insulating materials - Pressure wave propagation method

IEC 62836:2024 provides an efficient and reliable procedure to test the internal electric field in the insulating materials used for high-voltage applications, by using the pressure wave propagation (PWP) method. It is suitable for a planar and coaxial geometry sample with homogeneous insulating materials of thickness larger or equal to 0,5 mm and an electric field higher than 1 kV/mm, but it is also dependent on the thickness of the sample and the pressure wave generator. This first edition cancels and replaces IEC TS 62836 published in 2020. This edition includes the following significant technical changes with respect to IEC TS 62836: a) addition of Clause 12 for the measurement of space charge distribution in a planar sample; b) addition of Clause 13 for coaxial geometry samples; c) addition of Annex D with measurement examples for coaxial geometry samples; d) addition of a Bibliography; e) measurement examples for a planar sample have been moved from Clause 12 in IEC TS 62836 to Annex C.

Keel: en
Alusdokumendid: IEC 62836:2024; EN IEC 62836:2024

EVS-EN IEC 63118-1:2024

12 V lithium-ion secondary batteries for automotive starting, lighting, ignition (SLI) applications and auxiliary purposes - Part 1: General requirements and methods of test

IEC 63118-1:2024 specifies the general tests and requirements for the performance of lithium secondary batteries with a nominal voltage of 12 V permanently installed in road vehicles not for propulsion. The replacement of secondary batteries permanently installed in road vehicles not for propulsion is covered by this document. The following are typical applications that utilize the batteries under the scope of this document: power source for the starting of internal combustion engines, lighting, stop and start function, on-board auxiliary equipment and energy absorption for regeneration from braking. This document includes: - electrical characteristics tests methods and requirements; - a life duration tests method.

Keel: en
Alusdokumendid: IEC 63118-1:2024; EN IEC 63118-1:2024

31 ELEKTROONIKA

EVS-EN IEC 60352-9:2024

Solderless connections - Part 9: Ultrasonically welded connections - General requirements, test methods and practical guidance

IEC 60352-9:2024 provides guidelines for welding and testing of ultrasonically welded connections and includes requirements, tests and practical guidance information. Ultrasonic welding is a form of cold friction welding that is becoming increasingly popular in many industries. This type of welding uses ultrasonic vibration to join materials together, creating a bond that is both strong and reliable. Ultrasonic welding has been identified as a process in ISO 4063-41 by the International Organization for Standardization (ISO). The process of ultrasonic welding relies on high frequency ultrasound waves being used to create frictional heat at the connection point. High temperature is not required for this special method of welding, making it one of the most cost-effective ways to join two materials together. It also requires fewer steps than traditional methods, meaning it can be completed quickly and with minimal resources. Ultrasonic welding has been around for decades but only recently has become more widely utilized due to advances in technology and its availability at lower cost. It can be used on many different materials including plastics, rubbers, metals, textiles, and composites. Due to its precision and strong bonds it creates, it has become extremely popular in manufacturing processes such as automotive industry, electronics industry, furniture production and even medical device production. This document covers ultrasonically welded connections made with stranded or flexible wires (class 2, 5 or 6 per IEC 60228) of copper or copper alloy, as well as of aluminium or aluminium alloy. These welded metal-to-metal connections shall employ wires with cross-sectional area of 0,08 mm2 to 160 mm2 and shall not exceed a total cross-sectional area, in case of wire bundle, of 200 mm2. For aluminium or aluminium alloy wires, the minimum required cross-sectional area is 2,5 mm2. Additionally, information on materials, data from industrial experience and test procedures are included to ensure electrically stable connections under prescribed environmental conditions. Lastly, this document aims to achieve comparable results when using ultrasonic welding equipment with similar performance and specifications as specified by the termination manufacturer.

Keel: en
Alusdokumendid: IEC 60352-9:2024; EN IEC 60352-9:2024

EVS-EN IEC 61169-70:2024

Radio-frequency connectors - Part 70: Sectional specification for series HD-BNC radio-frequency coaxial connectors - Characteristic Impedance 75 Ω

IEC 61169-70:2024, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) of HD-BNC series RF coaxial connectors together with the pro forma blank detail specification. HD-BNC series connectors with characteristic impedance of 75 Ω are used with RF cables or micro-strips in microwave, telecommunication, wireless and other fields. The operating frequency limit is up to 18 GHz. It also prescribes mating face dimensions for general purpose connectors, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series HD-BNC RF 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 61169-70:2024; EN IEC 61169-70:2024

33 SIDETEHNIKA

EVS-EN IEC 61169-10:2024

Radio-frequency connectors - Part 10: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 3 mm (0,12 in) with snap-on coupling - Characteristic impedance 50 Ω (Type SMB)

IEC 61169-10:2024, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for series SMB RF coaxial connectors with snap-on coupling with a characteristic impedance of 50 Ω. This document prescribes mating face dimensions for high performance connectors – grade 2, dimensional details of standard test connectors − grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMB RF connectors. This document indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H. The series SMB connectors are used to connect with all kinds of RF cables and microstrips in microwave transmission systems. The operating frequency is up to 4 GHz.

Keel: en
Alusdokumendid: IEC 61169-10:2024; EN IEC 61169-10:2024

EVS-EN IEC 61300-2-44:2024

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-44: Tests - Flexing of the strain relief of fibre optic devices and components

IEC 61300-2-44:2024 specifies a test to determine the influence of flexing under tensile load of the strain relief of fibre optic interconnecting devices or components. The intention is to simulate the number of flexing cycles which would typically be experienced during service life. This test is applied to both single fibre cable and multiple fibre cable. This fourth edition cancels and replaces the third edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) replaced active monitoring with transient loss for measurements during test; b) harmonized recommended severities according to IEC 61753-1.

Keel: en
Alusdokumendid: IEC 61300-2-44:2024; EN IEC 61300-2-44:2024
Asendab dokumenti: EVS-EN 61300-2-44:2013

EVS-EN IEC 61970-457:2024

Energy management system application program interface (EMS-API) - Part 457: Dynamics profile

IEC 61970-457:2024 specifies a standard interface for exchanging dynamic model information needed to support the analysis of the steady state stability (small-signal stability) and/or transient stability of a power system or parts of it. The schema(s) for expressing the dynamic model information are derived directly from the CIM, more specifically from IEC 61970-302. The scope of this document includes only the dynamic model information that needs to be exchanged as part of a dynamic study, namely the type, description and parameters of each control equipment associated with a piece of power system equipment included in the steady state solution of a complete power system network model. Therefore, this profile is dependent upon other standard profiles for the equipment as specified in IEC 61970-452: CIM static transmission network model profiles, the topology, the steady state hypothesis and the steady state solution (as specified in IEC 61970-456: Solved power system state profiles) of the power system, which bounds the scope of the exchange. The profile information described by this document needs to be exchanged in conjunction with IEC 61970-452 and IEC 61970-456 profiles' information to support the data requirements of transient analysis tools. IEC 61970-456 provides a detailed description of how different profile standards can be combined to form various types of power system network model exchanges. This document supports the exchange of the following types of dynamic models: • standard models: a simplified approach to exchange, where models are contained in predefined libraries of classes interconnected in a standard manner that represent dynamic behaviour of elements of the power system. The exchange only indicates the name of the model along with the attributes needed to describe its behaviour. • proprietary user-defined models: an exchange that would provide users the ability to exchange the parameters of a model representing a vendor or user proprietary device where an explicit description of the model is not described in this document. The connections between the proprietary models and standard models are the same as described for the standard models exchange. Recipient of the data exchange will need to contact the sender for the behavioural details of the model. This document builds on IEC 61970-302, CIM for dynamics which defines the descriptions of the standard dynamic models, their function block diagrams, and how they are interconnected and associated with the static network model. This type of model information is assumed to be pre-stored by all software applications hence it is not necessary

to be exchanged in real-time or as part of a dynamics model exchange. This second edition cancels and replaces the first edition published in 2021. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) The majority of issues detected in IEC 61970-302:2018 and fixed in IEC 61970-302:2022 led to update of this document; b) IEEE 421.5-2016 on Excitation systems is fully covered; c) IEEE turbine report from 2013 was considered and as a result a number of gas, steam and hydro turbines/governors are added; d) IEC 61400-27-1:2020 on wind turbines is fully incorporated; e) WECC Inverter-Based Resource (IBR) models, Hybrid STATCOM models and storage models are added; f) The user defined models approach was enhanced in IEC 61970-302:2022 adding a model which enables modelling of a detailed dynamic model.

Keel: en
Alusdokumendid: IEC 61970-457:2024; EN IEC 61970-457:2024
Asendab dokumenti: EVS-EN IEC 61970-457:2021

35 INFOTEHNOLOOGIA

CWA 18089:2024

The QaR method to measure the extreme risk of re-identification of a database in the context of assessing its insurability

The methods described in this document apply to any dataset that can be represented as a table as described in Annex A, each record of which represents one statistical unit. The variables can be of any kind. For insurance purposes, we may want a set of QaR calculations involving distinct databases to be published by a (sovereign or international) supervisory authority, which could then produce global statistics on the danger of a dataset, based on this QaR sample.

Keel: en
Alusdokumendid: CWA 18089:2024

EVS 8:2024

Infotehnoloogia reeglid eesti keele ja kultuuri keskkonnas
Requirements on information technology in the Estonian language and cultural environment

See dokument kirjeldab infotehnoloogia reegleid eesti keele ja kultuuri keskkonnas. Standard kirjeldab Eesti märgistikku ja klaviatuuri ning Eesti andmestikku. Eesti andmestik on ülevaade erinevatest teemadest, mis on olulised Eesti ning eesti keele kultuuriandmestiku ja lokaadi seisukohast. Standard esitab need võimalikult üldistatult.

Keel: et
Asendab dokumenti: EVS 8:2008
Asendab dokumenti: EVS 8:2008/AC:2011

EVS-EN 17015-1:2024

Electronic Public Procurement - Catalogue - Part 1: Choreographies

The purpose of this deliverable is to specify and describe choreographies for exchanging an electronic product catalogue (“catalogues”) as part of the business processes in the pre-award and post-award area, so that catalogues can serve as a basis for placing orders as well as evaluating tenders. The key aspects covered by this choreography specification are: - processes for submitting catalogues from the selling to the buying side; - processes for submitting catalogue-related data as part of a tendering process; - processes integrating sell-side procurement systems. This document does not apply to the transactions used in the specified choreographies. These transactions are specified in EN 17015 2. The relationship between the choreographies and the transaction is described in Clause 8. The identifier of this choreographies document is EN 17015 1:2024. How to claim compliance to this choreography is specified in 6.2.3.

Keel: en
Alusdokumendid: EN 17015-1:2024

EVS-EN 17016-1:2024

Electronic Public Procurement - Ordering - Part 1: Choreographies

This choreographies document specify ordering between Buyer and Seller where the Buyer wants to reach an agreement with the Seller about an order. It specifies a series of activities that govern communication between the parties and refers to the specifications where information and rules that apply are specified. The various possible behaviours of the Seller and Buyer subsequent to the first order communication are conveyed by variants of this choreography that are specified in 5.2. Previous activities (e.g. cataloguing) and subsequent activities (e.g. invoicing) are outside the scope of this document. If performed electronically, their implementation is covered by other choreographies. The identifier of this choreographies document is EN 17016-1:2024. How to claim compliance to this choreography is specified in 5.2.3.

Keel: en
Alusdokumendid: EN 17016-1:2024

EVS-EN ISO 21177:2024

Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2024)

This document contains specifications for a set of ITS station security services required to ensure the authenticity of the source and integrity of information exchanged between trusted entities, i.e.: — between devices operated as bounded secured managed entities, i.e. "ITS Station Communication Units" (ITS-SCU) and "ITS station units" (ITS-SU) as specified in ISO 21217; and — between ITS-SUs (composed of one or several ITS-SCUs) and external trusted entities such as sensor and control networks.

These services include the authentication and secure session establishment which are required to exchange information in a trusted and secure manner. These services are essential for many intelligent transport system (ITS) applications and services, including time-critical safety applications, automated driving, remote management of ITS stations (ISO 24102-2), and roadside/infrastructure-related services.

Keel: en
Alusdokumendid: ISO 21177:2024; EN ISO 21177:2024
Asendab dokumenti: EVS-EN ISO 21177:2023

43 MAANTEESÕIDUKITE EHITUS

CWA 18090:2024

User centric charging infrastructure for electric vehicles — Guidelines for operators to implement advanced smart charging and management strategies

This document provides guidance in terms of smart charging, interoperability and payment and accounting processes among the different actors of the electromobility domain (Charging Point Operators-CPO, eMobility Service Providers-eMSP, micro-CPOs and Smart Charging Service Providers-SCSP), to set up a series of homogenous strategies and methodologies that facilitate the implementation of advanced functionalities in the electromobility operator systems. The provided smart charging strategies will help the operators to optimize their energy-related costs, enabling a better utilization of renewable energy sources and allowing their participation as active actors in the smart grid management, both as participants of implicit strategies and explicit campaigns. This document also includes the framework to be followed by the operators in the implementation of the smart charging as a service and for the implementation of automation of the economic compensations among all involved actors.

Keel: en
Alusdokumendid: CWA 18090:2024

CWA 18091:2024

User centric charging infrastructure for electric vehicles — Charging stations of the future — Stations models considering users' expectations

This CWA provides guidelines for the stations of the future to fulfil the needs and expectations of Electric Vehicle (EV) users. This document includes design features for the charging stations that electromobility users demand, and recommendations for its successful deployment.

Keel: en
Alusdokumendid: CWA 18091:2024

45 RAUDTEETEHNIKA

EVS-EN ISO 22074-1:2024

Railway infrastructure - Rail fastening systems - Part 1: Vocabulary (ISO 22074-1:2020)

This document specifies the terms and definitions used in the ISO 22074 series of standards related to rail fastening systems. NOTE In this document, there are some entries where more than one term is listed in the header (e.g. sleeper, tie, cross tie in 3.2.3). In such cases, the first term is the preferred term, generally used in the ISO 22074 series of standards. The other terms are also in common use in the railway industry and are considered to be synonymous (admitted terms).

Keel: en
Alusdokumendid: ISO 22074-1:2020; EN ISO 22074-1:2024

EVS-EN ISO 22074-2:2024

Railway infrastructure - Rail fastening systems - Part 2: Test method for longitudinal rail restraint (ISO 22074-2:2021)

This document specifies the laboratory test procedure to determine: a) the maximum longitudinal force that can be applied to a rail, secured to a sleeper, bearer or element of ballastless track by a rail fastening assembly, without non-elastic displacement of the rail occurring, or the longitudinal stiffness at a specified longitudinal displacement of a specimen of embedded rail with an adhesive fastening system, and for any type of fastening; b) the shear displacement and slip data required for track-bridge interaction calculations.

Keel: en
Alusdokumendid: ISO 22074-2:2021; EN ISO 22074-2:2024

EVS-EN ISO 22074-3:2024

Railway infrastructure - Rail fastening systems - Part 3: Proof load test method for pull-out resistance (ISO 22074-3:2021)

This document specifies a test procedure to confirm that the force necessary to pull the anchorage of a rail fastening assembly out of the sleeper or other supporting element is greater than a prescribed value (i.e. it is a "proof load" test). This test is for components of the fastening system which are: a) cast into concrete during the manufacture of sleepers or other supporting elements; b) glued into the cast or drilled holes in concrete; or c) screwed or otherwise attached to wood, polymeric composite or steel sleepers or other supporting elements. This test is not applicable to embedded rails.

Keel: en
Alusdokumendid: ISO 22074-3:2021; EN ISO 22074-3:2024

EVS-EN ISO 22074-4:2024

Railway infrastructure - Rail fastening systems - Part 4: Test methods for resistance to repeated loading (ISO 22074-4:2022)

This document specifies a laboratory test procedure for applying repeated load cycles which generate displacement cycles representative of the displacements caused by traffic on railway track. It is used for assessing the long-term performance of rail fastening systems. This document is applicable to surface mounted rail on sleepers, bearers and slab track and embedded rail. This test procedure applies to a complete fastening assembly.

Keel: en
Alusdokumendid: ISO 22074-4:2022; EN ISO 22074-4:2024

EVS-EN ISO 22074-5:2024

Railway infrastructure - Rail fastening systems - Part 5: Test method for electrical resistance (ISO 22074-5:2021)

This document specifies a laboratory test procedure for determining the electrical resistance, in wet conditions, between the running rails provided by a fastening system fitted to a steel or concrete sleeper, bearer or element of ballastless track. It is also applicable to embedded rail. This test procedure applies to a complete fastening assembly. It is relevant to signalling currents, not to traction currents. A reference procedure and an alternative procedure are included.

Keel: en
Alusdokumendid: ISO 22074-5:2021; EN ISO 22074-5:2024

EVS-EN ISO 22074-6:2024

Railway infrastructure - Rail fastening systems - Part 6: Test method for resistance to severe environmental conditions (ISO 22074-6:2021)

This document specifies a laboratory test procedure for finding the effect of exposure to severe environmental conditions on the fastening system. This test procedure applies to a complete fastening assembly including embedded rail with mechanical fastenings. It is not applicable to embedded rail systems relying on adhesive components to secure the rail.

Keel: en
Alusdokumendid: ISO 22074-6:2021; EN ISO 22074-6:2024

EVS-EN ISO 22074-7:2024

Railway infrastructure - Rail fastening systems - Part 7: Test method for clamping force and uplift stiffness (ISO 22074-7:2021)

This document specifies the laboratory test procedure for determining the clamping force exerted by the fastening system on the foot of the rail by measuring the force to separate the rail foot from its immediate support. When required, the procedure is also used to determine the uplift stiffness of the fastening system. It is applicable to systems with and without baseplates on all types of sleepers, bearers or elements of ballastless track. The test does not determine the security of the fastening components fixed into the sleeper or other fastening system support. This test procedure applies to a complete fastening assembly. It is not applicable to fastening systems for embedded rail or other fastening systems which do not act on the foot of the rail.

Keel: en
Alusdokumendid: ISO 22074-7:2021; EN ISO 22074-7:2024

EVS-EN ISO 22074-8:2024

Railway infrastructure - Rail fastening systems - Part 8: Test method for vertical stiffness (ISO 22074-8:2022)

This document specifies laboratory test procedures to determine the static and low-frequency dynamic stiffness of rail pads, baseplate pads and complete rail fastening assemblies.

Keel: en
Alusdokumendid: ISO 22074-8:2022; EN ISO 22074-8:2024

71 KEEMILINE TEHNOLOOGIA

EVS-EN 17841:2024

Chemical used for treatment of water intended for human consumption - Antifouling for membranes - Sulphamic acid

This document is applicable to sulphamic acid used as antifoulant for membranes in the treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding analytical methods for sulphamic acid. It gives information on their use as antifoulant for membranes in water treatment in Annex A.

Keel: en
Alusdokumendid: EN 17841:2024

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 1594:2024

Gaasitaristu. Torustikud maksimaalse töörõhuga üle 16 bar. Talitluslikud nõuded
Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements

Selles dokumendis kirjeldatakse talitluslikke nõudeid torustikele maksimaalse töörõhuga üle 16 bar. Lisaks kirjeldatakse selles dokumendis mehaaniliste omaduste nõudeid jaamades paiknevatele torustikele maksimaalse töörõhuga üle 16 bar. MÄRKUS Keevitusnõudeid on kirjeldatud standardis EN 12732. Jaamade talitluslikud nõuded on toodud standardites EN 1776, EN 1918-5, EN 12186 ja EN 12583. See dokument on kohaldatav gaasi transportimisel, kui kasutatakse maismaal asuvat terasest valmistatud kõrgrõhu torustikku, mille korral kehtivad järgmised tingimused: — maismaa: — alates kohast, kus torustik lõikub esmakordselt punktiga, mida üldiselt tunnustatakse maismaal asuva osa ja meres asuva osa vastutusalade piirina ning see ei paikne äri- või tööstusettevõtete territooriumil tootmisprotsessi lahutamatu osana, kusjuures erandid on kõik selliste ettevõtete gaasivarustuseks vajalikud torustikud ja rajatised; — maismaal paikneva alguspunktiga torustik, ka siis, kui maismaal paikneva torustiku osad läbivad või ületavad fjorde, järvi jms; — kõrgrõhk: gaas maksimaalse töörõhuga üle 16 bar ning arvutustemperatuuriga vahemikus −40 °C kuni 120 °C; — terastorustik: taristu, mis koosneb torustiku komponentidest, näiteks torudest, kraanidest, liitmikest ja muudest seadmetest, kusjuures komponendid on valmistatud legeerimata või madallegeeritud terasest ning ühendatud keevisõmbluste, äärikute või mehaaniliste liitmikega; — gaas: mittesöövitav maagaas, biometaangaas, vesinikgaas ja nende gaaside segud, kui tehnilise hindamise käigus on tuvastatud, et töötingimused või gaasi koostisosad või omadused ei mõjuta torustiku ohutut talitlust. Selles dokumendis käsitletav gaasitaristu algab pärast gaasitootja gaasimõõtejaama. MÄRKUS 2 Torustiku talitluslik piir paikneb tavaliselt vahetult pärast paigaldise esimest lahutuskraani, kuid võib olenevalt olukorrast erineda. Torustiku talitluslik piir paikneb tavaliselt paigaldise esimesel lahutuskraanil, kuid võib olenevalt olukorrast erineda. Gaasitaristu torustikke on kujutatud skemaatiliselt joonisel 1. Seda dokumenti võib kohaldada ka olemasolevate torustike ümberehitamisel. Selles dokumendis on määratletud gaasitaristu üldised põhimõtted. Selle standardi kasutajad peaksid arvestama, et CEN-i liikmesriikides võivad kehtida üksikasjalikumad rahvuslikud standardid ja/või tegevusjuhised. See dokument on mõeldud rakendamiseks koos nimetatud rahvuslike standardite ja/või tegevusjuhistega, milles on sätestatud eespool mainitud põhimõtted. Vastuolude korral, mis puudutavad riiklikes õigusaktides/eeskirjades sätestatud rangemaid nõudeid võrreldes selle standardi nõuetega, tuleb juhinduda riiklike õigusaktide/eeskirjade nõuetest, nagu märgitud tehnilises aruandes CEN/TR 13737. CEN/TR 13737 sätestab — kõigi liikmesriigis kohaldatavate õigusaktide/eeskirjade selgituse; — vajaduse korral rangemad riiklikud nõuded; — riikliku kontaktpunkti kõige uuema teabe saamiseks.

Keel: en, et
Alusdokumendid: EN 1594:2024
Asendab dokumenti: EVS-EN 1594:2014

EVS-EN ISO 13702:2024

Oil and gas industries - Control and mitigation of fires and explosions on offshore production installations - Requirements and guidelines (ISO 13702:2024)

This document specifies the objectives and functional requirements for the control and mitigation of fires and explosions on offshore installations used for the development of hydrocarbon resources in oil and gas industries. The object is to achieve: safety of personnel; protection of the environment; protection of assets; minimization of financial and consequential losses of fires and explosions. This document is applicable to the following: fixed offshore structures; floating systems for production, storage, and offloading. Mobile offshore units and subsea installations are excluded, although many of the principles contained in this document can be used as guidance.

Keel: en
Alusdokumendid: ISO 13702:2024; EN ISO 13702:2024
Asendab dokumenti: EVS-EN ISO 13702:2015

EVS-EN ISO 18134-2:2024

Solid biofuels - Determination of moisture content - Part 2: Simplified method (ISO 18134-2:2024)

This document specifies a method of determining the moisture content of a test sample of solid biofuels by drying in an oven and is used when the highest precision is not needed, e.g. for routine production control on site. The method described in this document is applicable to all solid biofuels. The moisture content of solid biofuels (as received) is always reported based on the total mass of the test sample (wet basis). NOTE Biomass materials can contain small amounts of volatile organic compounds (VOC) which can evaporate when determining moisture content by oven drying (see References [1] and [2]). The release of such compounds is quite small relative to the overall moisture content as determined by this method and is disregarded in this document.

Keel: en
Alusdokumendid: ISO 18134-2:2024; EN ISO 18134-2:2024
Asendab dokumenti: EVS-EN ISO 18134-2:2017

EVS-EN ISO 2620:2024

Analysis of natural gas - Biomethane - Determination of VOCs by thermal desorption gas chromatography with flame ionization and/or mass spectrometry detectors (ISO 2620:2024)

This document describes a method for sampling and analysis of volatile organic compounds (VOCs), including siloxanes, terpenes, organic sulfur compounds, in natural gas and biomethane matrices, using thermal desorption gas chromatography with flame ionization and/or mass spectrometry detectors (TD-GC-FID/MS).

Keel: en
Alusdokumendid: ISO 2620:2024; EN ISO 2620:2024

77 METALLURGIA

EVS-EN 10348:2024

Steel for the reinforcement of concrete - Galvanized reinforcing steel products

This document specifies requirements for hot dip galvanized reinforcing steel in the form of products which meet the requirements of EN 10080 and subjected, where appropriate, to further processing, e.g. bars, bent bars, stirrups, products straightened from coils, products cut from bars, welded structures and any other components fabricated for use in the reinforcement of concrete. This document does not apply to hot dip galvanized reinforcement for prestressing or components of these reinforcements.

Keel: en
Alusdokumendid: EN 10348:2024
Asendab dokumenti: EVS-EN 10348-2:2018

EVS-EN 683-2:2024

Aluminium and aluminium alloys - Finstock - Part 2: Mechanical properties

This document specifies the mechanical properties of wrought aluminium and wrought aluminium alloy finstock. The chemical composition limits of these materials are specified in EN 573 3, unless otherwise agreed between supplier and purchaser. The designations of wrought aluminium and wrought aluminium alloys and the temper designations used in this document are specified in EN 573 3, and the temper designations are defined in EN 515.

Keel: en
Alusdokumendid: EN 683-2:2024
Asendab dokumenti: EVS-EN 683-2:2007

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 4628-10:2024

Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 10: Assessment of degree of filiform corrosion (ISO 4628-10:2024)

This document specifies a method for assessing the amount of filiform corrosion developed from a scribed mark by measuring the length of the longest filament L and the most frequent length M of filaments. Pictorial examples provided in Annex A of this document illustrate different ratings for the degree of filiform corrosion. A comparison of the test panels with the 12 pictures in Annex A does not supersede the obligatory numerical assessment (method 1 or 2). ISO 4628-1 defines a system used for designating the quantity and size of defects and the intensity of uniform changes in appearance of coatings and outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.

Keel: en
Alusdokumendid: ISO 4628-10:2024; EN ISO 4628-10:2024
Asendab dokumenti: EVS-EN ISO 4628-10:2016

91 EHITUSMATERJALID JA EHITUS

EVS-EN 16005:2023+A1:2024

Masinkasutusega uksed. Kasutusohutus. Nõuded ja katsemeetodid
Power operated pedestrian doorsets - Safety in use - Requirements and test methods

This document specifies requirements regarding design and test methods for power operated pedestrian doorsets. Examples of how the doorset constructions may be operated include: electro-mechanically, electro-hydraulically, electro-magnetically 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 door leaf. 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. 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; - traffic barriers. This document does not cover special functions of doorsets, such as security in banks, airports, etc. or fire and/or smoke

compartmentation, where conformity of the specific function with requirements of the application is 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: EN 16005:2023+A1:2024
Asendab dokumenti: EVS-EN 16005:2023

EVS-EN 16783:2024

Thermal insulation products - Environmental Product Declarations (EPD) - Product Category Rules (PCR) complementary to EN 15804 for factory made and in-situ formed products

This document provides the product category rules (PCR) for Type III environmental declarations (as in EN 15804:2012+A2:20191) for factory made and in situ thermal insulation products. Complementary to EN 15804:2012+A2:20191, the PCR described in this document: - specify the declared unit to be used; - define the system boundaries for thermal insulation products; - specify/describe the default scenarios and rules for defining scenarios for certain life cycle information modules. These PCR are intended to be used for cradle to gate, cradle to gate with options or cradle to grave assessment, provided the intention is properly stated in the system boundary description.

Keel: en
Alusdokumendid: EN 16783:2024
Asendab dokumenti: EVS-EN 16783:2017

EVS-EN IEC 62561-7:2024

Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds

IEC 62561-7:2024 specifies the requirements and tests for earthing enhancing compounds producing low resistance of an earth termination system. This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Figure A.1 has been replaced with a simpler one that clearly shows the high and low corrosion load limits of the earth enhancing compounds without the need for special knowledge; b) pH measurement has been introduced.

Keel: en
Alusdokumendid: IEC 62561-7:2024; EN IEC 62561-7:2024
Asendab dokumenti: EVS-EN IEC 62561-7:2018

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 18042:2024

Safety of amusement rides and amusement devices - Replies to requests for interpretation of EN 13814:2019 and its parts

The purpose of this CEN Technical Report is to provide replies to requests for interpretations of all parts to EN 13814:2019.

Keel: en
Alusdokumendid: CEN/TR 18042:2024

EVS-EN 60704-2-14:2013/A2:2024

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-14: Erinõuded külmikutele, külmkambritele ja sügavkülmutitele
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers

Amendment to EN 60704-2-14:2013

Keel: en
Alusdokumendid: IEC 60704-2-14:2013/AMD2:2024; EN 60704-2-14:2013/A2:2024
Muudab dokumenti: EVS-EN 60704-2-14:2013

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 134:2001

Hingamisteede kaitsevahendid. Koostisosade loetelu
Respiratory protective devices - Nomenclature of components

Keel: en
Alusdokumendid: EN 134:1998
Asendatud järgmise dokumendiga: EVS-EN 134:2024
Standardi staatus: Kehtetu

ISO/TR 18128:2014 et

Informatsioon ja dokumentatsioon. Dokumentidega seotud protsesside ja süsteemide riskihindamine
Information and documentation — Risk assessment for records processes and systems

Keel: et
Alusdokumendid: ISO/TR 18128:2014
Standardi staatus: Kehtetu

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

EVS-EN ISO 21177:2023

Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2023)

Keel: en
Alusdokumendid: ISO 21177:2023; EN ISO 21177:2023
Asendatud järgmise dokumendiga: EVS-EN ISO 21177:2024
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 15002:2008

Meditsiinilise gaasi torusüsteemide liitmikega ühendatavad voolamise mõõteseadmed
Flow-metering devices for connection to terminal units of medical gas pipeline systems

Keel: en
Alusdokumendid: ISO 15002:2008; EN ISO 15002:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 15002:2024
Muudetud järgmise dokumendiga: EN ISO 15002:2008/prA2
Muudetud järgmise dokumendiga: EVS-EN ISO 15002:2008/A1:2019
Standardi staatus: Kehtetu

EVS-EN ISO 16021:2003

Urine-absorbing aids - Basic principles for evaluation of single-use adult-incontinence-absorbing aids from the perspective of users and caregivers

Keel: en
Alusdokumendid: ISO 16021:2000; EN ISO 16021:2000
Asendatud järgmise dokumendiga: EVS-EN ISO 16021:2024
Standardi staatus: Kehtetu

EVS-EN ISO 8362-2:2015

Injection containers and accessories - Part 2: Closures for injection vials (ISO 8362-2:2015)

Keel: en
Alusdokumendid: ISO 8362-2:2015; EN ISO 8362-2:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 8362-2:2024
Konsolideeritud järgmise dokumendiga: EVS-EN ISO 8362-2:2015+A1:2022
Muudetud järgmise dokumendiga: EVS-EN ISO 8362-2:2015/A1:2022
Standardi staatus: Kehtetu

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

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

Keel: en
Alusdokumendid: ISO 8362-2:2015/Amd 1:2022; EN ISO 8362-2:2015/A1:2022
Asendatud järgmise dokumendiga: EVS-EN ISO 8362-2:2024
Konsolideeritud järgmise dokumendiga: EVS-EN ISO 8362-2:2015+A1:2022
Standardi staatus: Kehtetu

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

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

Keel: en
Alusdokumendid: ISO 8362-2:2015; EN ISO 8362-2:2015; ISO 8362-2:2015/Amd 1:2022; EN ISO 8362-2:2015/A1:2022
Asendatud järgmise dokumendiga: EVS-EN ISO 8362-2:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 134:2001

Hingamisteede kaitsevahendid. Koostisosade loetelu
Respiratory protective devices - Nomenclature of components

Keel: en
Alusdokumendid: EN 134:1998
Asendatud järgmise dokumendiga: EVS-EN 134:2024
Standardi staatus: Kehtetu

EVS-EN 13819-3:2019

Hearing protectors - Testing - Part 3: Supplementary acoustic test methods

Keel: en
Alusdokumendid: EN 13819-3:2019
Asendatud järgmise dokumendiga: EVS-EN 13819-3:2019+A1:2024
Standardi staatus: Kehtetu

EVS-EN 352-10:2020

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

Keel: en
Alusdokumendid: EN 352-10:2020
Asendatud järgmise dokumendiga: EVS-EN 352-10:2020+A1:2024
Standardi staatus: Kehtetu

EVS-EN 352-6:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 6: Ohutusalase audiosidega kõrvaklapid
Hearing protectors - Safety requirements - Part 6: Earmuffs with safety-related audio input

Keel: en
Alusdokumendid: EN 352-6:2020
Asendatud järgmise dokumendiga: EVS-EN 352-6:2020+A1:2024
Standardi staatus: Kehtetu

EVS-EN 352-8:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 8: Meelelahutuslikud audiosisendiga kõrvaklapid
Hearing protectors - Safety requirements - Part 8: Entertainment audio earmuffs
Keel: en
Alusdokumendid: EN 352-8:2020
Asendatud järgmise dokumendiga: EVS-EN 352-8:2020+A1:2024
Standardi staatus: Kehtetu

EVS-EN 352-9:2020

Kuulmiskaitsevahendid. Ohutusnõuded. Osa 9: Ohutusalase audiosidega kõrvatropid
Hearing protectors - Safety requirements - Part 9: Earplugs with safety-related audio input
Keel: en
Alusdokumendid: EN 352-9:2020
Asendatud järgmise dokumendiga: EVS-EN 352-9:2020+A1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16000-11:2006

Indoor air - Part 11: Determination of the emission of volatile organic compounds from building products and furnishing - Sampling, storage of samples and preparation of test specimens

Keel: en
Alusdokumendid: ISO 16000-11:2006; EN ISO 16000-11:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 16000-11:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16000-9:2006

Indoor air - Part 9: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test chamber method

Keel: en
Alusdokumendid: ISO 16000-9:2006; EN ISO 16000-9:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 16000-9:2024
Parandatud järgmise dokumendiga: EVS-EN ISO 16000-9:2006/AC:2007
Standardi staatus: Kehtetu

EVS-EN ISO 16000-9:2006/AC:2007

Indoor air - Part 9: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test chamber method

Keel: en
Alusdokumendid: ISO 16000-9:2006/Cor 1:2007; EN ISO 16000-9:2006/AC:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 16000-9:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17294-1:2006

Vee kvaliteet. Induktiivsidestatud plasma massispektromeetria (ICP-MS) rakendamine. Osa 1: Üldised juhised
Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 1: General guidelines

Keel: en, et
Alusdokumendid: ISO 17294-1:2004; EN ISO 17294-1:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 17294-1:2024
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 1594:2014

Gaasitaristu. Torustikud maksimaalse töörõhuga üle 16 bar. Talitluslikud nõuded
Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements

Keel: en, et
Alusdokumendid: EN 1594:2013
Asendatud järgmise dokumendiga: EVS-EN 1594:2024
Standardi staatus: Kehtetu

EVS-EN ISO 22435:2007

Gas cylinders - Cylinder valves with integrated pressure regulators - Specification and type testing

Keel: en
Alusdokumendid: ISO 22435:2007; EN ISO 22435:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 22435:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 22435:2007/A1:2012
Standardi staatus: Kehtetu

EVS-EN ISO 22435:2007/A1:2012

Gas cylinders - Cylinder valves with integrated pressure regulators - Specification and type testing (ISO 22435:2007/Amd 1:2012)

Keel: en
Alusdokumendid: ISO 22435:2007/Amd 1:2012; EN ISO 22435:2007/A1:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 22435:2024
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 12814-7:2002
Testing of welded joints of thermoplastics semi-finished products - Part 7: Tensile test with waisted test specimens

Keel: en
Alusdokumendid: EN 12814-7:2002
Asendatud järgmise dokumendiga: EVS-EN 12814-7:2024
Standardi staatus: Kehtetu

EVS-EN 60676:2012
Industrial electroheating equipment - Test methods for direct arc furnaces

Keel: en
Alusdokumendid: IEC 60676:2011; EN 60676:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60676:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16739-1:2020
Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries - Part 1: Data schema (ISO 16739-1:2018)

Keel: en
Alusdokumendid: ISO 16739-1:2018; EN ISO 16739-1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 16739-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17296-3:2016
Additive manufacturing - General principles - Part 3: Main characteristics and corresponding test methods (ISO 17296-3:2014)

Keel: en
Alusdokumendid: ISO 17296-3:2014; EN ISO 17296-3:2016
Asendatud järgmise dokumendiga: EVS-EN ISO/ASTM 52927:2024
Standardi staatus: Kehtetu

EVS-EN ISO 3581:2016
Welding consumables - Covered electrodes for manual metal arc welding of stainless and heat-resisting steels - Classification (ISO 3581:2016, Corrected version 2017-11-01)

Keel: en
Alusdokumendid: ISO 3581:2016; EN ISO 3581:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 3581:2023
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 62282-6-100:2010
Fuel cell technologies - Part 6-100: Micro fuel cell power system - Safety

Keel: en
Alusdokumendid: IEC 62282-6-100:2010; EN 62282-6-100:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 62282-6-101:2024
Muudetud järgmise dokumendiga: EVS-EN 62282-6-100:2010/A1:2012
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 62282-6-106:2024
Standardi staatus: Kehtetu

EVS-EN 62282-6-100:2010/A1:2012
Fuel cell technologies - Part 6-100: Micro fuel cell power systems - Safety (IEC 62282-6-100:2010/A1:2012)

Keel: en
Alusdokumendid: IEC 62282-6-100:2010/A1:2012; EN 62282-6-100:2010/A1:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62282-6-101:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 62282-6-106:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18134-2:2017
Solid biofuels - Determination of moisture content - Oven dry method - Part 2: Total moisture - Simplified method (ISO 18134-2:2017)

Keel: en
Alusdokumendid: ISO 18134-2:2017; EN ISO 18134-2:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 18134-2:2024
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN IEC 62561-7:2018
Lightning Protection System Components (LPSC) - Part 7: Requirements for earthing enhancing compounds

Keel: en
Alusdokumendid: IEC 62561-7:2018; EN IEC 62561-7:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62561-7:2024
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 50551-1:2019
Simplex and duplex cables for use in terminated cable assemblies - Part 1: Blank Detail Specification and minimum requirements

Keel: en
Alusdokumendid: EN 50551-1:2019
Standardi staatus: Kehtetu

EVS-EN 61300-2-44:2013
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-44: Tests - Flexing of the strain relief of fibre optic devices

Keel: en
Alusdokumendid: IEC 61300-2-44:2013; EN 61300-2-44:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-2-44:2024
Standardi staatus: Kehtetu

EVS-EN IEC 61970-457:2021
Energy Management System Application Program Interface (EMS-API) – Part 457: Dynamics profile

Keel: en
Alusdokumendid: IEC 61970-457:2021; EN IEC 61970-457:2021
Asendatud järgmise dokumendiga: EVS-EN IEC 61970-457:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS 8:2008
Infotehnoloogia reeglid eesti keele ja kultuuri keskkonnas
Requirements of information technology in Estonian language and cultural environment

Keel: et-en
Asendatud järgmise dokumendiga: EVS 8:2024
Parandatud järgmise dokumendiga: EVS 8:2008/AC:2011
Standardi staatus: Kehtetu

EVS 8:2008/AC:2011
Infotehnoloogia reeglid eesti keele ja kultuuri keskkonnas
Requirements of information technology in Estonian language and cultural environment

Keel: et-en
Asendatud järgmise dokumendiga: EVS 8:2024
Standardi staatus: Kehtetu

EVS-EN ISO 21177:2023
Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2023)

Keel: en
Alusdokumendid: ISO 21177:2023; EN ISO 21177:2023
Asendatud järgmise dokumendiga: EVS-EN ISO 21177:2024
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 1594:2014
Gaasitaristu. Torustikud maksimaalse töörõhuga üle 16 bar. Talitluslikud nõuded
Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements

Keel: en, et
Alusdokumendid: EN 1594:2013
Asendatud järgmise dokumendiga: EVS-EN 1594:2024
Standardi staatus: Kehtetu

EVS-EN ISO 13702:2015
Petroleum and natural gas industries - Control and mitigation of fires and explosions on offshore production installations - Requirements and guidelines (ISO 13702:2015)

Keel: en
Alusdokumendid: ISO 13702:2015; EN ISO 13702:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 13702:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18134-2:2017
Solid biofuels - Determination of moisture content - Oven dry method - Part 2: Total moisture - Simplified method (ISO 18134-2:2017)

Keel: en
Alusdokumendid: ISO 18134-2:2017; EN ISO 18134-2:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 18134-2:2024
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10348-2:2018
Steel for the reinforcement of concrete - Galvanized reinforcing steel - Part 2: Galvanized reinforcing steel products

Keel: en
Alusdokumendid: EN 10348-2:2018
Asendatud järgmise dokumendiga: EVS-EN 10348:2024
Standardi staatus: Kehtetu

EVS-EN 683-2:2007
Alumiinium ja alumiiniumisulamid. Ribitoorik. Osa 2: Mehaanilised omadused
Aluminium and aluminium alloys - Finstock - Part 2: Mechanical properties

Keel: en
Alusdokumendid: EN 683-2:2006
Asendatud järgmise dokumendiga: EVS-EN 683-2:2024
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 4628-10:2016
Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 10: Assessment of degree of filiform corrosion (ISO 4628-10:2016, Corrected version 2016-06-01)

Keel: en
Alusdokumendid: ISO 4628-10:2016; EN ISO 4628-10:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 4628-10:2024
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 16005:2023

Masinkasutusega uksed. Kasutusohutus. Nõuded ja katsemeetodid
Power operated pedestrian doorsets - Safety in use - Requirements and test methods

Keel: en
Alusdokumendid: EN 16005:2023
Asendatud järgmise dokumendiga: EVS-EN 16005:2023+A1:2024
Standardi staatus: Kehtetu

EVS-EN 16783:2017

Thermal insulation products - Product category rules (PCR) for factory made and in-situ formed products for preparing environmental product declarations

Keel: en
Alusdokumendid: EN 16783:2017
Asendatud järgmise dokumendiga: EVS-EN 16783:2024
Standardi staatus: Kehtetu

EVS-EN IEC 62561-7:2018

Lightning Protection System Components (LPSC) - Part 7: Requirements for earthing enhancing compounds

Keel: en
Alusdokumendid: IEC 62561-7:2018; EN IEC 62561-7:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62561-7:2024
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) on asjast huvitatuil võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

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

Iga arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:
• tähis;
• pealkiri;
• käsitlusala;
• keel (en = inglise; et = eesti);
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
• asendusseos, selle olemasolul;
• arvamuste esitamise tähtaeg.

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN 1885:2018/prA1
Feather and down - Terms and definitions
This European Standard defines the principal terms used in the field of feather and down.

Keel: en
Alusdokumendid: EN 1885:2018/prA1
Muudab dokumenti: EVS-EN 1885:2018

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 24478
Railway applications - Braking - General vocabulary (ISO 24478:2023)
This document defines terms for brakes and braking in rolling stock.

Keel: en
Alusdokumendid: ISO 24478:2023; prEN ISO 24478
Asendab dokumenti: EVS-EN 14478:2017

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 5459
Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems (ISO/DIS 5459:2024)
ISO 5459:2011 specifies terminology, rules and methodology for the indication and understanding of datums and datum systems in technical product documentation. It also provides explanations to assist the user in understanding the concepts involved. ISO 5459:2011 defines the specification operator (see ISO 17450-2) used to establish a datum or datum system. The verification operator (see ISO 17450-2) can take different forms (physically or mathematically) and is not the subject of ISO 5459:2011. The detailed rules for maximum and least material requirements for datums are given in ISO 2692.

Keel: en
Alusdokumendid: ISO/FDIS 5459; prEN ISO 5459
Asendab dokumenti: EVS-EN ISO 5459:2011

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 9706
Information and documentation - Paper for documents - Requirements for permanence (ISO/DIS 9706:2024)
Specifies the requirements for permanent paper intended for documents given in terms of minimum strength measured by a tear test, minimum content of substance (such as calcium carbonate) that neutralize acid action measured by the alkali reserve, maximum content of easily oxidized material measured by the kappa number, maximum and minimum pH values of a cold water extract of the paper. Is applicable to unprinted papers. Is not applicable to boards.

Keel: en
Alusdokumendid: ISO/DIS 9706; prEN ISO 9706
Asendab dokumenti: EVS-EN ISO 9706:2001

Arvamusküsitluse lõppkuupäev: 13.06.2024

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

prEN IEC 63402-1:2024

Energy efficiency systems - Smart grid - Application specification - Interface and framework for customer; interface between the CEM and home/building resource manager - General requirements and architecture

This document General Requirements and Architecture of an application layer interface between the Point of common coupling (PCC) and Smart Devices (SD) operating within the smart grid premises-side system (i.e. residential / commercial but not industrial premises). This standard does not include requirements for: – Safety; – EMC; – Data security; it is assumed that the underlying protocols will take the data security aspect into account; Note: Although data security is not within the scope of this standard, clause 4 provides some high-level design guidelines for data security. – Special equipment (e.g. legacy heat pumps) with a direct physical connection to the grid, as such equipment bypasses the CEM and is not HBES/BACS enabled (covered by other standards than the IEC 63402 series).

Keel: en
Alusdokumendid: 23K/92/CDV; prEN IEC 63402-1:2024
Asendab dokumenti: EVS-EN 50491-12-1:2018

Arvamusküsitluse lõppkuupäev: 13.06.2024

11 TERVISEHOOLDUS

prEN 17984-4

Assistance dogs - Part 4: Pre-training, training and tasks

This document defines standards for the training of assistance dogs. Assistance dogs may be trained by structured programmes/schools, owner-trained under supervision or ownertrainers. Specifically, this document deals with the following topics: - Preparation of assistance dogs - Socialization and puppy raising of assistance dogs - Training of assistance dogs - Guide Dogs - Hearing Dogs - Mobility Assistance Dogs - PTSD Assistance Dogs - Medical Alert Response Assistance Dogs - Autism and Developmental Disorder Assistance Dogs - Dual Purpose Assistance Dogs

Keel: en
Alusdokumendid: prEN 17984-4

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 11197

Medical supply units (ISO/DIS 11197:2024)

This document applies to the basic safety and essential performance of medical supply units, hereafter also referred to as ME equipment. This document applies to medical supply units manufactured within a factory or assembled on site, including cabinetry and other enclosures, which incorporate patient care services. NOTE 1 A party that assembles on site various components intended for patient care services into an enclosure is considered the manufacturer of the medical supply unit. Hazards inherent in the intended function of ME equipment or ME systems within the scope of this document are not covered by specific requirements in this standard, except in of IEC 60601-1:2005+A1:2012, 7.2.13 and 8.4.1 (see 201.1.4). NOTE 2 Refer to IEC 60601-1:2005+A1:2012, 4.2.

Keel: en
Alusdokumendid: ISO/DIS 11197; prEN ISO 11197
Asendab dokumenti: EVS-EN ISO 11197:2019

Arvamusküsitluse lõppkuupäev: 13.06.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 71-2:2020/prA1

Safety of toys - Part 2: Flammability

This European Standard specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a small source of ignition. The test methods described in Clause 5 are used for the purposes of determining the flammability of toys under the particular test conditions specified. The test results thus obtained cannot be considered as providing an overall indication of the potential fire hazard of toys or materials when subjected to other sources of ignition. This European Standard includes general requirements relating to all toys and specific requirements and methods of test relating to the following toys, which are considered as being those presenting the greatest hazard: - toys to be worn on the head: beards, moustaches, wigs, etc. made from hair, pile or material with similar features; masks; hoods, head-dresses, etc.; flowing elements of toys to be worn on the head, but excluding paper novelty hats of the type usually supplied in party crackers; - toy disguise costumes and toys intended to be worn by a child in play; - toys intended to be entered by a child; - soft-filled toys. NOTE Additional requirements for flammability of electric toys are specified in EN 62115.

Keel: en
Alusdokumendid: EN 71-2:2020/prA1
Muudab dokumenti: EVS-EN 71-2:2020

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-2

Plastics - Sorted plastics wastes - Part 2: Quality grades of sorted Polyethylene (PE) wastes and specific test methods

This document describes the quality grades for sorted Polyethylene (PE) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. Polyethylene waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-2

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-3

Plastics - Sorted plastics wastes - Part 3: Quality grades of sorted Polypropylene (PP) wastes and specific test methods

This document describes the quality grades for sorted Polypropylene (PP) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. Polypropylene waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-3

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-4

Plastics - Sorted plastics wastes - Part 4: Quality grades of sorted poly(ethylene terephtalate) (PET) wastes and specific test methods

This document describes the quality grades for sorted poly(ethylene terephtalate) (PET) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. PET waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-4

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-5

Plastics - Sorted plastics wastes - Part 5: Quality grades of sorted poly(vinyl chloride) (PVC) wastes and specific test methods

This document describes the quality grades for sorted poly(vinyl chloride) (PVC) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. PVC waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-5

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-6

Plastics - Sorted plastics wastes - Part 6: Quality grades of sorted polystyrene (PS) wastes and specific test methods

This document describes the quality grades for sorted polystyrene (PS) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. PS waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-6

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 9239-1

Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source (ISO/DIS 9239-1:2024)

This part of ISO 9239 specifies a method for assessing the wind-opposed burning behaviour and spread of flame of horizontally mounted floorings exposed to a heat flux radiant gradient in a test chamber, when ignited with pilot flames. Annex A gives details of assessing the smoke development, when required. This method is applicable to all types of flooring, e.g. textile carpet, cork, wood, rubber and plastics coverings as well as coatings. Results obtained by this method reflect the performance of the flooring, including any substrate if used. Modifications of the backing, bonding to a substrate, underlay or other changes of the flooring may affect test results. This part of ISO 9239 is applicable to the measurement and description of the properties of floorings in response to heat and flame under controlled laboratory conditions. It should not be used alone to describe or appraise the fire hazard or fire risk of floorings under actual fire conditions. Information on the precision of the test method is given in Annex B.

Keel: en
Alusdokumendid: ISO/DIS 9239-1; prEN ISO 9239-1
Asendab dokumenti: EVS-EN ISO 9239-1:2010

Arvamusküsitluse lõppkuupäev: 13.06.2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 5459

Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems (ISO/DIS 5459:2024)

ISO 5459:2011 specifies terminology, rules and methodology for the indication and understanding of datums and datum systems in technical product documentation. It also provides explanations to assist the user in understanding the concepts involved. ISO 5459:2011 defines the specification operator (see ISO 17450-2) used to establish a datum or datum system. The verification operator (see ISO 17450-2) can take different forms (physically or mathematically) and is not the subject of ISO 5459:2011. The detailed rules for maximum and least material requirements for datums are given in ISO 2692.

Keel: en
Alusdokumendid: ISO/FDIS 5459; prEN ISO 5459
Asendab dokumenti: EVS-EN ISO 5459:2011

Arvamusküsitluse lõppkuupäev: 13.06.2024

19 KATSETAMINE

FprEN IEC 61442:2023/prAA:2024

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

Amendment to prEN IEC 61442

Keel: en
Alusdokumendid: FprEN IEC 61442:2023/prAA:2024
Muudab dokumenti: prEN IEC 61442:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 15708-1

Non-destructive testing - Radiation methods for computed tomography - Part 1: Terminology (ISO/DIS 15708-1:2024)

ISO 15708-1:2017 gives the definitions of terms used in the field of computed tomography (CT). It presents a terminology that is not only CT-specific but which also includes other more generic terms and definitions spanning imaging and radiography. Some of the definitions represent discussion points aimed at refocusing their terms in the specific context of computed tomography.

Keel: en
Alusdokumendid: ISO/DIS 15708-1; prEN ISO 15708-1
Asendab dokumenti: EVS-EN ISO 15708-1:2019

Arvamusküsitluse lõppkuupäev: 13.06.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 60879:2019/prA1:2024

Amendment 1 - Comfort fans and regulators for household and similar purposes - Methods for measuring performance

Amendment to EN 60879:2019

Keel: en
Alusdokumendid: 59L/257/CDV; EN 60879:2019/prA1:2024
Muudab dokumenti: EVS-EN IEC 60879:2019

Arvamusküsitluse lõppkuupäev: 13.06.2024

EN ISO 5801:2017/prA1

Fans - Performance testing using standardized airways - Amendment 1 (ISO 5801:2017/DAM 1:2024)

Amendment to EN ISO 5801:2017

Keel: en
Alusdokumendid: ISO 5801:2017/DAmd 1; EN ISO 5801:2017/prA1
Muudab dokumenti: EVS-EN ISO 5801:2017

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 16903

Plastic piping systems buried outside the building structure - Environmental product declarations - Product Category rules complementary to EN 15804

This document provides product category rules (PCR) for Type III environmental product declarations, as described in EN ISO 14025 and EN 15942, for plastic piping systems buried outside building structure and their main structural components, as specified by the list of product standards provided in Annex CC. Main structural components are: - pipes; - fittings (e.g. flange couplers, bends and reducers, valves and electrofusion fittings); - manholes and inspection chambers (where applicable, e.g. for drains and sewers). This document encompasses both pressure and non-pressure applications. The intended function of the system considered is to convey fluids according to EN 476 (for sewers, drain and surface water); EN 805 (water supply), or EN 12007 (gas supply). In case there is no application standard available, this document can also be used for other plastics piping systems such as cable conduits and surface water piping systems. This document specifies the rules for the product category of construction products as defined in and is intended to be used in conjunction with EN 15804+A2. In addition to EN 15804+A2, this document specifies: - the functional unit (consisting of pipes, fittings, manholes and inspection chambers and ancillary components) and declared unit (consisting of pipes and/or fittings and/or manholes and /or inspection chambers); - the system boundaries and additional mandatory modules to be declared; - the processes to be included in the installation phase; - scenarios for module A4, A5; - use conditions for the use phase (B modules); - reference service life (RSL); - end of life scenarios.

Keel: en
Alusdokumendid: prEN 16903

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 16904

Plastics piping systems inside the building structure - Environmental product declarations - Product category rules complementary to EN 15804

This document provides product category rules (PCR) for Type III environmental product declarations, as described in EN ISO 14025 and EN 15942, for plastics piping systems inside the building structures and their main structural components, as specified by the list of product standards provided in Annex CC. This document encompasses: - both pressure and non-pressure applications; - metal fittings which are used in a plastic piping system. The intended function of the system considered is to convey liquids according to EN 806 (for potable water supply), EN 1264 (for heating and cooling systems), EN 12828 (for radiators), EN 12056 (for soil and waste discharge and for water traps). In case there is no application standard available, this document can also be used for other plastics piping systems such as for example for rainwater gutters, ventilation systems or electrical conduits. This document specifies product category rules of construction products as defined in and is intended to be used in conjunction with EN 15804+A2. In addition to EN 15804+A2, this document specifies: - the functional unit (consisting of pipes, fittings and ancillary components) and declared unit (consisting of pipes and/or fittings); - the system boundaries and additional mandatory modules to be declared; - the processes to be included in the installation phase; - scenarios for module A4, A5; - use conditions for the use phase (B modules); - reference service life (RSL); - end of life scenarios.

Keel: en
Alusdokumendid: prEN 16904

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 21028-1

Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 1: Temperatures below -80 degrees C (ISO/DIS 21028-1:2024)

ISO 21028-1:2016 specifies the toughness requirements of metallic materials for use at a temperature below -80 °C to ensure their suitability for cryogenic vessels. ISO 21028-1:2016 is not applicable to unalloyed steels and cast materials.

Keel: en
Alusdokumendid: ISO/DIS 21028-1; prEN ISO 21028-1
Asendab dokumenti: EVS-EN ISO 21028-1:2016

Arvamusküsitluse lõppkuupäev: 13.06.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN 16583:2022/prA1

Heat exchangers - Hydronic room fan coils units - Determination of the sound power level

This document is applicable to hydronic fan coil units (FCU) as factory-made single assemblies which provide the functions of cooling and/or heating but do not include the source of cooling or heating. This document is applicable to both air free delivery and air ducted units with a maximum external static pressure due to duct resistance of 300 Pa max. This document specifies

methods for the determination of the acoustical performance of fan coil units, defining standard working condition and installation. It is not the purpose of this document to specify the tests used for production or field testing. NOTE For the purpose of remaining clauses, the term "unit" is used to mean "fan coil unit".

Keel: en
Alusdokumendid: EN 16583:2022/prA1
Muudab dokumenti: EVS-EN 16583:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

EN IEC 61400-6:2020/prA1:2024

Amendment 1 - Wind energy generation systems - Part 6: Tower and foundation design requirements

Amendment to EN IEC 61400-6:2020

Keel: en
Alusdokumendid: 88/1007/CDV; EN IEC 61400-6:2020/prA1:2024
Muudab dokumenti: EVS-EN IEC 61400-6:2020

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 63402-1:2024

Energy efficiency systems - Smart grid - Application specification - Interface and framework for customer; interface between the CEM and home/building resource manager - General requirements and architecture

This document General Requirements and Architecture of an application layer interface between the Point of common coupling (PCC) and Smart Devices (SD) operating within the smart grid premises-side system (i.e. residential / commercial but not industrial premises). This standard does not include requirements for: – Safety; – EMC; – Data security; it is assumed that the underlying protocols will take the data security aspect into account; Note: Although data security is not within the scope of this standard, clause 4 provides some high-level design guidelines for data security. – Special equipment (e.g. legacy heat pumps) with a direct physical connection to the grid, as such equipment bypasses the CEM and is not HBES/BACS enabled (covered by other standards than the IEC 63402 series).

Keel: en
Alusdokumendid: 23K/92/CDV; prEN IEC 63402-1:2024
Asendab dokumenti: EVS-EN 50491-12-1:2018

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 63409-3:2024

Photovoltaic power generating systems connection with grid - Testing of power conversion equipment - Part 3: Basic operations

This document specifies test procedures for confirming the basic operational characteristics of power conversion equipment (PCE) for use in photovoltaic (PV) power systems with or without energy storage. The basic operational characteristics are the capability of the PCE before any limitations due to internal settings are applied to the PCE to meet specific grid support functions or specific behaviours against abnormal changes. This document covers the testing of following items: a) Steady state characteristics Test procedures to confirm operable range of PCE at steady state condition are described. The operable ranges in apparent power, active power, reactive power, power factor, grid voltage and grid frequency shall be confirmed according to the test procedures. b) Transient-response characteristics Test procedures to confirm PCE's response against a change of operational condition are described. Transient-response characteristics to be confirmed are response behaviours against; • Active power set point change and reactive power set point change • Grid voltage change, phase angle change, voltage unbalance and frequency change This document only considers the changes within normal (continuous) operable ranges. Therefore, the behaviours against abnormal changes and grid support functions are out of the scope and are covered in other parts of this series of International Standards.

Keel: en
Alusdokumendid: 82/2226/CDV; prEN IEC 63409-3:2024

Arvamusküsitluse lõppkuupäev: 13.06.2024

29 ELEKTROTEHNIKA

EN IEC 60947-3:2021/prA1:2024

Amendment 1 - Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units

Amendment to EN IEC 60947-3:2021

Keel: en
Alusdokumendid: 121A/599/CDV; EN IEC 60947-3:2021/prA1:2024
Muudab dokumenti: EVS-EN IEC 60947-3:2021

Arvamusküsitluse lõppkuupäev: 13.06.2024

FprEN IEC 61442:2023/prAA:2024

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

Amendment to prEN IEC 61442

Keel: en
Alusdokumendid: FprEN IEC 61442:2023/prAA:2024
Muudab dokumenti: prEN IEC 61442:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 60079-18:2024

Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"

This part of IEC 60079 gives the specific requirements for the construction, testing and marking of electrical Ex Equipment, parts of electrical Ex Equipment and Ex Components with the Type of Protection encapsulation “m” intended for use in explosive gas atmospheres or explosive dust atmospheres. For Levels of Protection “mb” and “mc”, this document applies where the rated voltage does not exceed 11 kV ACRMS or DC. For Level of Protection “ma”, this document applies where the rated voltage does not exceed 1 kV ACRMS or DC. NOTE In this document, encapsulated Ex Equipment is often referred to as “m” equipment. This document does not take account of any risk due to an emission of flammable or toxic gas from the dust. This document supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this document conflicts with a requirement of IEC 60079-0, the requirement of this document takes precedence.

Keel: en
Alusdokumendid: 31/1763/CDV; prEN IEC 60079-18:2024
Asendab dokumenti: EVS-EN 60079-18:2015
Asendab dokumenti: EVS-EN 60079-18:2015/A1:2017
Asendab dokumenti: EVS-EN 60079-18:2015/AC:2018

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 60079-2:2024

Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"

This part of IEC 60079 contains the specific requirements for the construction and testing of electrical pressurized equipment, of Type of Protection “p”, intended for use in explosive gas atmospheres or explosive dust atmospheres. It also includes the requirements for pressurized equipment containing a limited release of a flammable substance within the pressurized equipment. This part of IEC 60079 supplements and modifies the general requirements of IEC 60079-0, except as indicated in Table 1. Where a requirement of this part of IEC 60079 conflicts with a requirement of IEC 60079-0, the requirements of this document take precedence.

Keel: en
Alusdokumendid: 31/1764/CDV; prEN IEC 60079-2:2024
Asendab dokumenti: EVS-EN 60079-2:2015
Asendab dokumenti: EVS-EN 60079-2:2015/AC:2015

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 62196-1:2024

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements

This part of IEC 62196 is applicable to EV plugs, EV socket-outlets, vehicle connectors, vehicle inlets, herein referred to as "accessories", and to cable assemblies for electric vehicles (EV) intended for use in conductive charging systems which incorporate control means, with a rated operating voltage not exceeding: – 690 V AC 50 Hz to 60 Hz, at a rated current not exceeding 250 A; – 1 500 V DC at a rated current not exceeding 800 A. These accessories and cable assemblies are intended to be installed by instructed persons (IEV 195-04-02) or skilled persons (IEV 195-04-01) only. These accessories and cable assemblies are intended to be used for circuits specified in IEC 61851 (all parts), which operate at different voltages and frequencies, and which can include extra-low voltage and communication signals. These accessories and cable assemblies are anticipated to be used at an ambient temperature between −30 °C and +40 °C. NOTE 1 In some countries, other requirements can apply. NOTE 2 In the following country, −40 °C applies: SE. NOTE 3 The manufacturer can enlarge the temperature range on the condition that the specified range information is provided. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. The accessories covered by this document are intended for use in electric vehicle supply equipment in accordance with IEC 61851 (all parts). This document does not apply to standard plug and socket-outlets used for mode 1 and mode 2 according to IEC 61851-1:2017, 6.2. NOTE 4 In the following countries, mode 1 is not allowed: UK, US, CA, SG.

Keel: en
Alusdokumendid: 23H/550/CDV; prEN IEC 62196-1:2024
Asendab dokumenti: EVS-EN IEC 62196-1:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 62196-2:2024

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories

This part of IEC 62196 applies to EV plugs, EV socket-outlets, vehicle connectors and vehicle inlets with pins and contact-tubes of standardized configurations, herein referred to as accessories. These accessories have a nominal rated operating voltage not exceeding 480 V AC, 50 Hz to 60 Hz, and a rated current not exceeding 63 A three phase or 70 A single phase, for use in conductive charging of electric vehicles. This document covers the basic interface accessories for vehicle supply as specified in IEC 62196-1:2022. NOTE 1 The term "Electric road vehicles (EV)" comprises all road vehicles, including plug-in hybrid road vehicles (PHEV) that derive all or part of their energy from the rechargeable energy storage systems (RESS). These accessories are intended to be used for circuits specified in IEC 61851-1:2017, which operate at different voltages and frequencies, and which can include extra-low voltage (ELV) and communication signals. The use of these accessories for bidirectional power transfer is under consideration. This document applies to accessories to be used in an ambient temperature between –30 °C and +40 °C. NOTE 2 In the following country, other requirements regarding the lower temperature may apply: NO. NOTE 3 In the following country, −40 °C applies: SE. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. Vehicle inlets and vehicle connectors described in this document are intended to be used for charging in modes 1, 2 and 3, cases B and C. The EV socket-outlets and EV plugs covered by this document are intended to be used for charging mode 3 only, case A and B. The modes and permissible connections are specified in IEC 61851-1:2017.

Keel: en
Alusdokumendid: 23H/552/CDV; prEN IEC 62196-2:2024
Asendab dokumenti: EVS-EN IEC 62196-2:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 62196-3:2024

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers

This part of IEC 62196 is applicable to vehicle couplers with pins and contact tubes of standardized configuration, herein also referred to as "accessories", intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage and current in accordance with IEC 62196-1:2022. This document applies to high power DC interfaces and combined AC/DC interfaces of vehicle couplers that are intended for use in conductive charging systems for circuits specified in IEC 61851-1:2017 and IEC 61851-23. This document applies to accessories and cable assemblies that employ – thermal sensing, or – thermal transport and thermal sensing with the system architecture described in CCC.4.100 of Annex CCC. The DC vehicle connectors and inlets covered by this document are used only in charging mode 4, according to IEC 61851-1:2017, 6.2.4, and case C, as shown in IEC 61851-1:2017, Figure 3. These vehicle couplers are intended to be used for circuits specified in IEC 61851-23:— which operate at different voltages, and which can include ELV and communication signals. This document applies to the vehicle couplers to be used in an ambient temperature between –30 °C and +40 °C. NOTE 1 In some countries, other requirements may apply. NOTE 2 In the following country, −40 °C applies: SE. These vehicle couplers are intended to be connected only to cables with copper or copper-alloy conductors. These accessories are intended to be connected to cables according to the IEC 62893 series for DC cables.

Keel: en
Alusdokumendid: 23H/551/CDV; prEN IEC 62196-3:2024
Asendab dokumenti: EVS-EN IEC 62196-3:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 63402-1:2024

Energy efficiency systems - Smart grid - Application specification - Interface and framework for customer; interface between the CEM and home/building resource manager - General requirements and architecture

This document General Requirements and Architecture of an application layer interface between the Point of common coupling (PCC) and Smart Devices (SD) operating within the smart grid premises-side system (i.e. residential / commercial but not industrial premises). This standard does not include requirements for: – Safety; – EMC; – Data security; it is assumed that the underlying protocols will take the data security aspect into account; Note: Although data security is not within the scope of this standard, clause 4 provides some high-level design guidelines for data security. – Special equipment (e.g. legacy heat pumps) with a direct physical connection to the grid, as such equipment bypasses the CEM and is not HBES/BACS enabled (covered by other standards than the IEC 63402 series).

Keel: en
Alusdokumendid: 23K/92/CDV; prEN IEC 63402-1:2024
Asendab dokumenti: EVS-EN 50491-12-1:2018

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 63508:2024

CDD database - Circuit-breakers and similar equipment for household use

The purpose of this document is to draft product classes and properties, representing the MCB (Miniature Circuit-Breaker), to become a part of the IEC 63508 DB. It includes data needed for product selection as well as data needed for engineering. This IEC 63508 DB intends, as a contribution to the IEC Common Data Dictionary, to be used by catalogue consortia, other database

standards and software as a data reference for Circuit-breakers and similar equipment for household use. Note: In the future, it is intended to extend the IEC 63508 DB to other type of products managed by IEC/SC 23E.

Keel: en
Alusdokumendid: 23E/1349/CDV; prEN IEC 63508:2024

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 63522-37:2024

Electrical relays - Tests and Measurements - Part 37: Terminal temperature rise at rated load

This part of IEC 62522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this part is to define a standard test method to measure terminal temperature rise at rated load, included solder terminals, flat quick-connect terminations, screw and screwless type terminals, alternative termination types and sockets.

Keel: en
Alusdokumendid: 94/979/CDV; prEN IEC 63522-37:2024

Arvamusküsitluse lõppkuupäev: 13.06.2024

31 ELEKTROONIKA

prEN IEC 62391-2:2024

Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specfication - Electric double layer capacitors for power application

This part of IEC 62391 applies to double-layer capacitors for power application. Electric double-layer capacitors for power are intended for applications that require discharge currents in the range from mA to A. The characteristics of the capacitors include such performance as relatively high capacitance and low internal resistance, which is applicable to Class 3 and Class 5 of the measurement classification specified in IEC 62391-1:2022. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 62391-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification shall be of equal or higher performance level; lower performance levels are not permitted. The definition of power density and its calculating procedure should be in accordance with Annex A.

Keel: en
Alusdokumendid: 40/3122/CDV; prEN IEC 62391-2:2024
Asendab dokumenti: EVS-EN 62391-2:2006

Arvamusküsitluse lõppkuupäev: 13.06.2024

33 SIDETEHNIKA

prEN IEC 60794-1-110:2024

Optical fibre cables - Part 1-110: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Kink, Method E10

This part of IEC 60794 applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. The object of this standard is to define test procedures to be used in establishing uniform requirements for mechanical performance - kink. See IEC 60794-1-2 for general requirements and definitions and for a complete reference guide to test methods of all types.

Keel: en
Alusdokumendid: 86A/2436/CDV; prEN IEC 60794-1-110:2024

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 60794-1-124:2024

Optical fibre cables - Part 1-124: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Installation test for microduct cabling, Method E24

This standard contains test procedures for evaluating the behaviour of microduct cabling (microduct optical cable, fibre unit or hybrid cable etc.) when blown into a microduct or protected microduct . Two blowing track layouts are described: Method A consists of two mandrels and two long straight section in between (same curvature). Method B consists of 3 mandrels. The middle mandrel enforces the cable to experience both left and right hand bends, which is a feature of any realistic blowing route. In addition an optional procedure is described to check the capability of blowing out an installed cable.

Keel: en
Alusdokumendid: 86A/2434/CDV; prEN IEC 60794-1-124:2024

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 62037-8:2024

Passive RF and microwave devices, intermodulation level measurement - Part 8: Measurement of passive intermodulation generated by objects exposed to RF radiation

This part of IEC 62037 defines a radiated passive intermodulation (PIM) test to determine PIM levels generated by a device or object when it is exposed to RF radiation. This test can be conducted on any material or object and is not limited to devices designed to propagate RF signals. This test can be conducted as either a near field or far field test as defined by the test specification in an outdoor test site or in an anechoic test chamber.

Keel: en
Alusdokumendid: 46/993/CDV; prEN IEC 62037-8:2024
Asendab dokumenti: EVS-EN IEC 62037-8:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

35 INFOTEHNOLOOGIA

prEN ISO/IEC 25059

Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality model for AI systems (ISO/IEC 25059:2023)

This document outlines a quality model for AI systems and is an application-specific extension to the SQuaRE series. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating AI system quality. The characteristics and sub-characteristics detailed in the model also provide a set of quality characteristics against which stated quality requirements can be compared for completeness.

Keel: en
Alusdokumendid: ISO/IEC 25059:2023; prEN ISO/IEC 25059

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO/IEC 27005

Information security, cybersecurity and privacy protection - Guidance on managing information security risks (ISO/IEC 27005:2022)

This document provides guidance to assist organizations to: — fulfil the requirements of ISO/IEC 27001 concerning actions to address information security risks; — perform information security risk management activities, specifically information security risk assessment and treatment. This document is applicable to all organizations, regardless of type, size or sector.

Keel: en
Alusdokumendid: ISO/IEC 27005:2022; prEN ISO/IEC 27005
Asendab dokumenti: EVS-ISO/IEC 27005:2024

Arvamusküsitluse lõppkuupäev: 13.06.2024

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 62196-1:2024

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements

This part of IEC 62196 is applicable to EV plugs, EV socket-outlets, vehicle connectors, vehicle inlets, herein referred to as "accessories", and to cable assemblies for electric vehicles (EV) intended for use in conductive charging systems which incorporate control means, with a rated operating voltage not exceeding: – 690 V AC 50 Hz to 60 Hz, at a rated current not exceeding 250 A; – 1 500 V DC at a rated current not exceeding 800 A. These accessories and cable assemblies are intended to be installed by instructed persons (IEV 195-04-02) or skilled persons (IEV 195-04-01) only. These accessories and cable assemblies are intended to be used for circuits specified in IEC 61851 (all parts), which operate at different voltages and frequencies, and which can include extra-low voltage and communication signals. These accessories and cable assemblies are anticipated to be used at an ambient temperature between −30 °C and +40 °C. NOTE 1 In some countries, other requirements can apply. NOTE 2 In the following country, −40 °C applies: SE. NOTE 3 The manufacturer can enlarge the temperature range on the condition that the specified range information is provided. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. The accessories covered by this document are intended for use in electric vehicle supply equipment in accordance with IEC 61851 (all parts). This document does not apply to standard plug and socket-outlets used for mode 1 and mode 2 according to IEC 61851-1:2017, 6.2. NOTE 4 In the following countries, mode 1 is not allowed: UK, US, CA, SG.

Keel: en
Alusdokumendid: 23H/550/CDV; prEN IEC 62196-1:2024
Asendab dokumenti: EVS-EN IEC 62196-1:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 62196-2:2024

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories

This part of IEC 62196 applies to EV plugs, EV socket-outlets, vehicle connectors and vehicle inlets with pins and contact-tubes of standardized configurations, herein referred to as accessories. These accessories have a nominal rated operating voltage not exceeding 480 V AC, 50 Hz to 60 Hz, and a rated current not exceeding 63 A three phase or 70 A single phase, for use in conductive charging of electric vehicles. This document covers the basic interface accessories for vehicle supply as specified in IEC 62196-1:2022. NOTE 1 The term "Electric road vehicles (EV)" comprises all road vehicles, including plug-in hybrid road vehicles (PHEV) that derive all or part of their energy from the rechargeable energy storage systems (RESS). These accessories are intended to be used for circuits specified in IEC 61851-1:2017, which operate at different voltages and frequencies, and which can include extra-low voltage (ELV) and communication signals. The use of these accessories for bidirectional power transfer is under consideration. This document applies to accessories to be used in an ambient temperature between –30 °C and +40 °C. NOTE 2 In the following country, other requirements regarding the lower temperature may apply: NO. NOTE 3 In the following country, −40 °C applies: SE. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. Vehicle inlets and vehicle connectors described in this document are intended to be used for charging in modes 1, 2 and 3, cases B and C. The EV socket-outlets and EV plugs covered by this document are intended to be used for charging mode 3 only, case A and B. The modes and permissible connections are specified in IEC 61851-1:2017.

Keel: en
Alusdokumendid: 23H/552/CDV; prEN IEC 62196-2:2024
Asendab dokumenti: EVS-EN IEC 62196-2:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 62196-3:2024

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers

This part of IEC 62196 is applicable to vehicle couplers with pins and contact tubes of standardized configuration, herein also referred to as "accessories", intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage and current in accordance with IEC 62196-1:2022. This document applies to high power DC interfaces and combined AC/DC interfaces of vehicle couplers that are intended for use in conductive charging systems for circuits specified in IEC 61851-1:2017 and IEC 61851-23. This document applies to accessories and cable assemblies that employ – thermal sensing, or – thermal transport and thermal sensing with the system architecture described in CCC.4.100 of Annex CCC. The DC vehicle connectors and inlets covered by this document are used only in charging mode 4, according to IEC 61851-1:2017, 6.2.4, and case C, as shown in IEC 61851-1:2017, Figure 3. These vehicle couplers are intended to be used for circuits specified in IEC 61851-23:— which operate at different voltages, and which can include ELV and communication signals. This document applies to the vehicle couplers to be used in an ambient temperature between –30 °C and +40 °C. NOTE 1 In some countries, other requirements may apply. NOTE 2 In the following country, −40 °C applies: SE. These vehicle couplers are intended to be connected only to cables with copper or copper-alloy conductors. These accessories are intended to be connected to cables according to the IEC 62893 series for DC cables.

Keel: en
Alusdokumendid: 23H/551/CDV; prEN IEC 62196-3:2024
Asendab dokumenti: EVS-EN IEC 62196-3:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 15118-21

Road vehicles - Vehicle to grid communication interface - Part 21: Common 2nd generation network layer and application layer requirements conformance test plan (ISO/DIS 15118-21:2024)

The document specifies all common test cases to be applied to and correctly handled by EVs (EVCC) and EVSEs (SECC) implementing ISO 15118-20 that are independent of a particular charging type (AC, DC, ACD, WPT charging). The document considers the use cases defined in ISO 15118-1:2019 The test system will comprise: - A simulated SECC to verify the correct behaviour of a real EVCC - A simulated EVCC to verify the correct behaviour of a real SECC The document specifies test cases for all requirements defined in ISO 15118-20, verifying at least the following aspects: - Charge spot discovery and initialization of communication (TCP / TLS connection establishment). - Session establishment, session interruption and session re-establishment. - Authentication process for charging session (e.g. EIM and PNC) - Service discovery and selection - Common and charging type independent service implementation - Termination of charging session - Error handling The test cases cover positive tests (according to ISO 15118-20). In addition, error scenarios (e.g., incorrectly formatted requests, invalid content of messages, etc.) as well as tests for timing behaviour are defined which are also handled by EVCC and SECC ensuring interoperability between EVs and EVSEs. The test cases will be structured according to OSI-layers 3 to 7 depending on their testability from a (non-) functional perspective (e.g., IPv6, TCP, TLS. The test cases will include standard test case attributes like pre-conditions, test behaviours, expected results to evaluate pass or fail and post-conditions to be applied returning the system under test to a safe state.

Keel: en
Alusdokumendid: ISO/DIS 15118-21; prEN ISO 15118-21

Arvamusküsitluse lõppkuupäev: 13.06.2024

45 RAUDTEETEHNIKA

EN 16839:2022/prA1
Railway applications - Rolling stock - Head stock layout

This document is applicable to vehicles equipped with buffers and screw coupling systems. In order to allow operation and coupling of trainsets or vehicles, this document specifies the defined free space for the shunter called the "Berne rectangle" and the necessary free space for the installation of the rescue coupler. This document specifies the location, fixing and free spaces on the headstock of: - buffers; - screw coupling systems; - end cocks; - pneumatic half couplings; - connections for electric cables. It also specifies the calculation of the width of the buffer heads. Unless otherwise displayed, all dimensions given in this document are nominal values.

Keel: en
Alusdokumendid: EN 16839:2022/prA1
Muudab dokumenti: EVS-EN 16839:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 24478
Railway applications - Braking - General vocabulary (ISO 24478:2023)

This document defines terms for brakes and braking in rolling stock.

Keel: en
Alusdokumendid: ISO 24478:2023; prEN ISO 24478
Asendab dokumenti: EVS-EN 14478:2017

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEVS 867
Raudteealased rakendused. Reisijate ooteplatvormid
Railway applications - Passenger platforms

Raudtee reisijate ooteplatvormide nõuded (mõõtmed, materjalid, juurdepääs jne)

Keel: et
Asendab dokumenti: EVS 867:2011
Asendab dokumenti: EVS 867:2011/A1:2013
Asendab dokumenti: EVS 867:2011/A1:2013/AC:2021
Asendab dokumenti: EVS 867:2011+A1:2013

Arvamusküsitluse lõppkuupäev: 14.05.2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EN 1885:2018/prA1
Feather and down - Terms and definitions

This European Standard defines the principal terms used in the field of feather and down.

Keel: en
Alusdokumendid: EN 1885:2018/prA1
Muudab dokumenti: EVS-EN 1885:2018

Arvamusküsitluse lõppkuupäev: 13.06.2024

65 PÕLLUMAJANDUS

prEN 17984-4
Assistance dogs - Part 4: Pre-training, training and tasks

This document defines standards for the training of assistance dogs. Assistance dogs may be trained by structured programmes/schools, owner-trained under supervision or ownertrainers. Specifically, this document deals with the following topics: - Preparation of assistance dogs - Socialization and puppy raising of assistance dogs - Training of assistance dogs - Guide Dogs - Hearing Dogs - Mobility Assistance Dogs - PTSD Assistance Dogs - Medical Alert Response Assistance Dogs - Autism and Developmental Disorder Assistance Dogs - Dual Purpose Assistance Dogs

Keel: en
Alusdokumendid: prEN 17984-4

Arvamusküsitluse lõppkuupäev: 13.06.2024

71 KEEMILINE TEHNOLOOGIA

prEN ISO 16408

Dentistry - Oral care products - Oral rinses (ISO/DIS 16408:2024)

ISO 16408:2015 specifies physical and chemical requirements and test methods for oral rinses. It also specifies the accompanying information such as the manufacturer's instructions for use, marking, and/or labelling requirements. ISO 16408:2015 is not applicable to other delivery systems (e.g. mouthsprays, foams, powders). It is not intended to describe regulatory aspects, e.g. methods of prescription. ISO 16408:2015 is not applicable to oral rinses available by prescription only.

Keel: en
Alusdokumendid: ISO/DIS 16408; prEN ISO 16408
Asendab dokumenti: EVS-EN ISO 16408:2015

Arvamusküsitluse lõppkuupäev: 13.06.2024

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 15589-1

Oil and gas industries including lower carbon energy - Cathodic protection of pipeline systems - Part 1: On-land pipelines (ISO/DIS 15589-1:2024)

ISO 15589-1:2015 specifies requirements and gives recommendations for the pre-installation surveys, design, materials, equipment, installation, commissioning, operation, inspection, and maintenance of cathodic protection systems for on-land pipelines, as defined in ISO 13623 or EN 14161 for the petroleum, petrochemical, and natural gas industries, and in EN 1594 or EN 12007-1 and EN 12007-3 used by gas supply industries in Europe. All contents of this part of ISO 15589 are applicable to on-land pipelines and piping systems used in other industries and transporting other media such as industrial gases, waters, or slurries. ISO 15589-1:2015 applies to buried pipelines, landfalls of offshore pipeline sections protected by on-shore based cathodic protection installations, and to immersed sections of on-land pipelines such as river or lake crossings. ISO 15589-1:2015 specifies requirements for pipelines of carbon steel, stainless steel, cast iron, galvanized steel, or copper. If other pipeline materials are used, the criteria to apply are defined under the responsibility of the pipeline operator. ISO 15589-1:2015 does not apply to pipelines made of reinforced concrete for which EN 12696 can be applied. NOTE Special conditions sometimes exist where cathodic protection is ineffective or only partially effective. Such conditions can include shielding (e.g. disbonded coatings, thermal-insulating coatings, rocky soil, etc.) and unusual contaminants in the electrolyte.

Keel: en
Alusdokumendid: ISO/DIS 15589-1; prEN ISO 15589-1
Asendab dokumenti: EVS-EN ISO 15589-1:2017

Arvamusküsitluse lõppkuupäev: 13.06.2024

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN ISO 19628

Fine ceramics (advanced ceramics, advanced technical ceramics) - Thermophysical properties of ceramic composites - Determination of specific heat capacity (ISO/DIS 19628:2024)

ISO 19628:2017 describes two methods for the determination of the specific heat capacity of ceramic matrix composites with continuous reinforcements (1D, 2D, 3D). Unidirectional (1D), bi-directional (2D) and tridirectional (XD, with $2 < x \leq 3$). The two methods are: - method A: drop calorimetry; - method B: differential scanning calorimetry. They are applicable from ambient temperature up to a maximum temperature, depending on the method: method A can be used up to 2 250 K, while method B is limited to 1 900 K. NOTE Method A is limited to the determination of an average value of the specific heat capacity over a given temperature range and can give a larger spread of results.

Keel: en
Alusdokumendid: ISO/DIS 19628; prEN ISO 19628
Asendab dokumenti: EVS-EN ISO 19628:2021

Arvamusküsitluse lõppkuupäev: 13.06.2024

83 KUMMI- JA PLASTITÖÖSTUS

prEN 15347-2

Plastics - Sorted plastics wastes - Part 2: Quality grades of sorted Polyethylene (PE) wastes and specific test methods

This document describes the quality grades for sorted Polyethylene (PE) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. Polyethylene waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-2

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-3

Plastics - Sorted plastics wastes - Part 3: Quality grades of sorted Polypropylene (PP) wastes and specific test methods

This document describes the quality grades for sorted Polypropylene (PP) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. Polypropylene waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-3

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-4

Plastics - Sorted plastics wastes - Part 4: Quality grades of sorted poly(ethylene terephtalate) (PET) wastes and specific test methods

This document describes the quality grades for sorted poly(ethylene terephtalate) (PET) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. PET waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-4

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-5

Plastics - Sorted plastics wastes - Part 5: Quality grades of sorted poly(vinyl chloride) (PVC) wastes and specific test methods

This document describes the quality grades for sorted poly(vinyl chloride) (PVC) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. PVC waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-5

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 15347-6

Plastics - Sorted plastics wastes - Part 6: Quality grades of sorted polystyrene (PS) wastes and specific test methods

This document describes the quality grades for sorted polystyrene (PS) waste streams as well as specific test methods laying out those properties for which the supplying party of the waste makes information available to the receiving party. PS waste quality grades are based on pre-determined sets of characteristics, taking into account sectorial and market specificities and related information needs and tests methods. The scheme provides for a division of information between "Required Data", where a statement is required, and additional "Optional Data" as agreed between the supplying and receiving party. This document does not cover the general characterization addressed in EN 15347-1.

Keel: en
Alusdokumendid: prEN 15347-6

Arvamusküsitluse lõppkuupäev: 13.06.2024

85 PABERITEHNOLOOGIA

prEN ISO 3035

Corrugated fibreboard - Determination of flat crush resistance (ISO/DIS 3035:2024)

This International Standard specifies a method for the determination of the flat crush resistance of corrugated fibreboard used in the manufacture of shipping containers. This International Standard is applicable to single-faced and single-wall (double-faced) corrugated fibreboard. This International Standard is not applicable to double-wall (double-double-faced) corrugated fibreboard and to microflute corrugated fibreboard, since the end-point of the test is not clearly defined or observable.

Keel: en
Alusdokumendid: ISO/DIS 3035; prEN ISO 3035

Asendab dokumenti: EVS-EN ISO 3035:2011

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 9706

Information and documentation - Paper for documents - Requirements for permanence (ISO/DIS 9706:2024)

Specifies the requirements for permanent paper intended for documents given in terms of minimum strength measured by a tear test, minimum content of substance (such as calcium carbonate) that neutralize acid action measured by the alkali reserve, maximum content of easily oxidized material measured by the kappa number, maximum and minimum pH values of a cold water extract of the paper. Is applicable to unprinted papers. Is not applicable to boards.

Keel: en
Alusdokumendid: ISO/DIS 9706; prEN ISO 9706
Asendab dokumenti: EVS-EN ISO 9706:2001

Arvamusküsitluse lõppkuupäev: 13.06.2024

91 EHITUSMATERJALID JA EHITUS

EVS 927:2018/prA1

Ehituslik põletatud põlevkivi. Spetsifikatsioon, toimivus ja vastavus
Burnt shale for building materials. Specification, performance and conformity

See Eesti standard rakendub põletatud põlevkivile (PP-le), mis saadakse põlevkivi termilisel töötlemisel ja saadud peendispersse mineraalosa separeerimise teel. PP koosneb klinkermineraalidest, vabast lubjast, dehüdratiseerunud kaltsiumsulfaadist, klaasifaasist ja lahustumatust vabast jäägist. Selle standardi kohaselt eristatakse PP eriliike: - CEM BS; - CON BS; - AAC BS; - COM BS. Selles Eesti standardis määratakse kindlaks põletatud põlevkivi omadused, vajalikud katsemeetodid ja vastavushindamise kord.

Keel: et
Muudab dokumenti: EVS 927:2018

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 14336

Heating and cooling systems in buildings - Installation and commissioning of water based heating and cooling systems

This document specifies the requirements for the installation and commissioning of water-based heating, water-based cooling, and heating of domestic hot water (DHW) systems in buildings with a maximum operating temperature of 105 °C. This document does not cover superheated water systems and steam systems. This document covers the commissioning of the system as a whole, in case of new systems, renovations, replacement of equipment. It does not cover the specific commissioning requirements for these components (e.g. how to set fuel/air ratio on a burner). This document does not cover the installation or commissioning of attached systems (e.g. air conditioning, domestic hot water distribution, ventilation systems). This document covers only the technical requirements and does not cover any commercial or contractual arrangements between parties.

Keel: en
Alusdokumendid: prEN 14336
Asendab dokumenti: EVS-EN 14336:2004

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 16903

Plastic piping systems buried outside the building structure - Environmental product declarations - Product Category rules complementary to EN 15804

This document provides product category rules (PCR) for Type III environmental product declarations, as described in EN ISO 14025 and EN 15942, for plastic piping systems buried outside building structure and their main structural components, as specified by the list of product standards provided in Annex CC. Main structural components are: - pipes; - fittings (e.g. flange couplers, bends and reducers, valves and electrofusion fittings); - manholes and inspection chambers (where applicable, e.g. for drains and sewers). This document encompasses both pressure and non-pressure applications. The intended function of the system considered is to convey fluids according to EN 476 (for sewers, drain and surface water); EN 805 (water supply), or EN 12007 (gas supply). In case there is no application standard available, this document can also be used for other plastics piping systems such as cable conduits and surface water piping systems. This document specifies the rules for the product category of construction products as defined in and is intended to be used in conjunction with EN 15804+A2. In addition to EN 15804+A2, this document specifies: - the functional unit (consisting of pipes, fittings, manholes and inspection chambers and ancillary components) and declared unit (consisting of pipes and/or fittings and/or manholes and /or inspection chambers); - the system boundaries and additional mandatory modules to be declared; - the processes to be included in the installation phase; - scenarios for module A4, A5; - use conditions for the use phase (B modules); - reference service life (RSL); - end of life scenarios.

Keel: en
Alusdokumendid: prEN 16903

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN 16904

Plastics piping systems inside the building structure - Environmental product declarations - Product category rules complementary to EN 15804

This document provides product category rules (PCR) for Type III environmental product declarations, as described in EN ISO 14025 and EN 15942, for plastics piping systems inside the building structures and their main structural components, as specified by the list of product standards provided in Annex CC. This document encompasses: - both pressure and non-pressure applications; - metal fittings which are used in a plastic piping system. The intended function of the system considered is to convey liquids according to EN 806 (for potable water supply), EN 1264 (for heating and cooling systems), EN 12828 (for radiators), EN 12056 (for soil and waste discharge and for water traps). In case there is no application standard available, this document can also be used for other plastics piping systems such as for example for rainwater gutters, ventilation systems or electrical conduits. This document specifies product category rules of construction products as defined in and is intended to be used in conjunction with EN 15804+A2. In addition to EN 15804+A2, this document specifies: - the functional unit (consisting of pipes, fittings and ancillary components) and declared unit (consisting of pipes and/or fittings); - the system boundaries and additional mandatory modules to be declared; - the processes to be included in the installation phase; - scenarios for module A4, A5; - use conditions for the use phase (B modules); - reference service life (RSL); - end of life scenarios.

Keel: en
Alusdokumendid: prEN 16904

Arvamusküsitluse lõppkuupäev: 13.06.2024

93 RAJATISED

prEVS 867

Raudteealased rakendused. Reisijate ooteplatvormid
Railway applications - Passenger platforms

Raudtee reisijate ooteplatvormide nõuded (mõõtmed, materjalid, juurdepääs jne)

Keel: et
Asendab dokumenti: EVS 867:2011
Asendab dokumenti: EVS 867:2011/A1:2013
Asendab dokumenti: EVS 867:2011/A1:2013/AC:2021
Asendab dokumenti: EVS 867:2011+A1:2013

Arvamusküsitluse lõppkuupäev: 14.05.2024

97 OLME. MEELELAHUTUS. SPORT

EN 71-2:2020/prA1

Safety of toys - Part 2: Flammability

This European Standard specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a small source of ignition. The test methods described in Clause 5 are used for the purposes of determining the flammability of toys under the particular test conditions specified. The test results thus obtained cannot be considered as providing an overall indication of the potential fire hazard of toys or materials when subjected to other sources of ignition. This European Standard includes general requirements relating to all toys and specific requirements and methods of test relating to the following toys, which are considered as being those presenting the greatest hazard: - toys to be worn on the head: beards, moustaches, wigs, etc. made from hair, pile or material with similar features; masks; hoods, head-dresses, etc.; flowing elements of toys to be worn on the head, but excluding paper novelty hats of the type usually supplied in party crackers; - toy disguise costumes and toys intended to be worn by a child in play; - toys intended to be entered by a child; - soft-filled toys. NOTE Additional requirements for flammability of electric toys are specified in EN 62115.

Keel: en
Alusdokumendid: EN 71-2:2020/prA1
Muudab dokumenti: EVS-EN 71-2:2020

Arvamusküsitluse lõppkuupäev: 13.06.2024

EN IEC 60335-2-82:2022/prA1:2024

Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines

Amendment to EN IEC 60335-2-82:2022

Keel: en
Alusdokumendid: EN IEC 60335-2-82:2022/prA1:2024; IEC 60335-2-82:2017/AMD1:2020
Muudab dokumenti: EVS-EN IEC 60335-2-82:2022

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN IEC 60436:2024

Electric dishwashers for household use - Methods for measuring the performance

This International Standard applies to electric dishwasher (3.1.1) for household and similar use that are supplied with hot and/or cold water. The object is to state and define the principal performance characteristics of electric dishwasher (3.1.1) for household

and similar use and to describe the standard methods of measuring these characteristics. This standard is concerned neither with safety nor with minimum performance requirements.

Keel: en
Alusdokumendid: 59A/261/CDV; prEN IEC 60436:2024
Asendab dokumenti: EVS-EN 60436:2020
Asendab dokumenti: EVS-EN 60436:2020/A11:2020
Asendab dokumenti: EVS-EN 60436:2020/A12:2022
Asendab dokumenti: EVS-EN 60436:2020/AC:2020

Arvamusküsitluse lõppkuupäev: 13.06.2024

prEN ISO 9239-1

Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source (ISO/DIS 9239-1:2024)

This part of ISO 9239 specifies a method for assessing the wind-opposed burning behaviour and spread of flame of horizontally mounted floorings exposed to a heat flux radiant gradient in a test chamber, when ignited with pilot flames. Annex A gives details of assessing the smoke development, when required. This method is applicable to all types of flooring, e.g. textile carpet, cork, wood, rubber and plastics coverings as well as coatings. Results obtained by this method reflect the performance of the flooring, including any substrate if used. Modifications of the backing, bonding to a substrate, underlay or other changes of the flooring may affect test results. This part of ISO 9239 is applicable to the measurement and description of the properties of floorings in response to heat and flame under controlled laboratory conditions. It should not be used alone to describe or appraise the fire hazard or fire risk of floorings under actual fire conditions. Information on the precision of the test method is given in Annex B.

Keel: en
Alusdokumendid: ISO/DIS 9239-1; prEN ISO 9239-1
Asendab dokumenti: EVS-EN ISO 9239-1:2010

Arvamusküsitluse lõppkuupäev: 13.06.2024

TÕLKED KOMMENTEERIMISEL

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

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

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

EVS-EN 12153:2023

Rippfassaadid. Õhuläbilaskvus. Analüüsimeetodid

See dokument määratleb meetodi, mida kasutatakse rippfassaadide, nii nende kinniste kui ka avatavate osade õhuläbilaskvuse määramiseks. See kirjeldab, kuidas tuleb katsekeha üle- ja alarõhu all katsetada. Seda dokumenti rakendatakse iga standardi EN 13830 kohase rippfassaadi toote kohta.

Keel: et
Alusdokumendid: EN 12153:2023

Kommenteerimise lõppkuupäev: 14.05.2024

EVS-EN 13645:2002

Veeldatud maagaasi paigaldised ja seadmed - Maismaal asuvate 5 kuni 200 tonnise mahutavusega paigaldiste projekteerimine

This standard specifies requirements for the design and construction of onshore stationary liquefied natural gas (LNG) installations with a total storage capacity between 5 t and 200 t.

Keel: et
Alusdokumendid: EN 13645:2001

Kommenteerimise lõppkuupäev: 14.05.2024

EVS-EN 589:2024

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid

See dokument määratleb nõuded ja katsemeetodid turustatavale ja tarnitavale mootorsõiduki LPG-le (üldtuntud kui madalarõhuline gaas või vedelgaas). Seda dokumenti kohaldatakse mootorsõiduki LPG-le, mida kasutatakse LPG mootoritega autodes, mis on mõeldud kasutama mootorsõiduki LPG-d. MÄRKUS Selles dokumendis kasutatakse massiosade, μ, ja mahuosade, φ, eristamiseks vastavalt tähiseid “% (m/m)” and “% (V/V)”. EE MÄRKUS Selles Eesti standardis kasutatakse vastavalt tähiseid „massi%“ ja „mahu%“ HOIATUS — Tähelepanu tuleb pöörata LPG käsitlemisel tulekahju ja plahvatuse ohule ning ülemäärase LGP sissehingamisel tekkivale terviseohule. LPG on väga lenduv süsivesinike vedelik, mida tavaliselt hoitakse rõhu all. Rõhu vabanedes tekib suur kogus gaasi, mis moodustab õhuga tuleohtlikke segusid vahemikus umbes 2 mahu% kuni 10 mahu%. See dokument hõlmab LPG proovide võtmist, käitlemist ja katsetamist. Lahtised leegid, kaitsmata elektriseadmete sädemeohud jne süütavad LPG. LPG võib põhjustada nahale põletusi. Võivad rakenduda riiklikud tervishoiu- ja ohutusnõuded. LPG on õhust raskem ja koguneb õõnsustesse. LPG suurtes kogustes sissehingamisel on oht lämbuda. ETTEVAATUST! Üks selles dokumendis kirjeldatud katse hõlmab katsetaja õhu ja LPG aurude segu sissehingamist. Erilist tähelepanu tuleb pöörata seda katset kirjeldavas jaotises A.1 sätestatud hoiatustele.

Keel: et
Alusdokumendid: EN 589:2024

Kommenteerimise lõppkuupäev: 14.05.2024

EVS-EN ISO 7393-1:2000

Vee kvaliteet. Vaba ja üldkloori määramine. Osa 1: Tiitrimine N,N-dietüül-1,4-fenüleendiamiiniga

See ISO 7393 osa täpsustab titrimeetrilist meetodit vaba kloori ja üldkloori määramiseks vees. Merevesi ja veed, mis sisaldava bromiide ja jodiide moodustavad rühma, mille jaoks on vaja erilisi protseduure.[2] See meetod sobib kontsentratsioonidele, kus kloor (Cl2) üldkloorina on 0,0004 kuni 0,07 mmol/l (0,03 kuni 0,5 mg/l) ja kõrgemate kontsentratsioonide jaoks proovide lahjendamise korral. Kõrgemate kontsentratsioonide kui 0,07 mmol/l saab kasutada ka standardit ISO 7393-3. Lisa A kirjeldab protseduuri, kus eristatakse monoklooramiini tüüpi seotud kloori, diklooramiini tüüpi seotud kloori ja seotud kloori lämmastik trikloriidi kujul. Mitmed ühendid segavad käesoleva standardi ISO 7393 osas kirjeldatud määramist. Segavad mõjud on välja toodud peatükkides 7 ja 9.

Keel: et
Alusdokumendid: ISO 7393-1:1985; EN ISO 7393-1:2000

Kommenteerimise lõppkuupäev: 14.05.2024

EVS-EN ISO 7393-3:2000

Veel kvaliteet. Vaba ja üldkloori määramine. Osa 3: Üldkloori määramine jodomeetriliselt

See ISO 7393 osa täpsustab vees üldkloori määramiseks jodomeetrilise tiitrimisega meetodi. See meetod sobib kloori (Cl2) kontsentratsioonidele 0,01 mmol/l kuni 0,21 mmol/l (0,71 mg/l kuni 15 mg/l). Mitmed ühendid segavad määramist (vt peatükki 10).

Lisa B täpsustab otsetiitrimise meetodit. Seda rakendatakse töödeldud joogivees kloori määramisel kontsentratsioonidel üle 7 □mol/l (0,5 mg/l).

Keel: et
Alusdokumendid: ISO 7393-3:1990; EN ISO 7393-3:2000

Kommenteerimise lõppkuupäev: 14.05.2024

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 IEC 61162-460:2018

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security

IEC 61162-460:2018 is an add-on to IEC 61162-450 where higher safety and security standards are needed, for example due to higher exposure to external threats or to improve network integrity. This document provides requirements and test methods for equipment to be used in an IEC 61162-460 compliant network as well as requirements for the network itself and requirements for interconnection from the network to other networks. This document also contains requirements for a redundant IEC 61162-460 compliant network. This document does not introduce new application level protocol requirements to those that are defined in IEC 61162-450. This second edition of IEC 61162-460 cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) 460-Switches and 460-Forwarders are required to implement IGMP snooping; b) connection between secure and non-secure areas requires a 460-Forwarder as an isolation element; c) SFI collision detection added as function of network monitoring; d) 460-Gateway and 460-Wireless gateway are no longer required to report to the network monitoring; e) all alerts from network monitoring have standardized alert identifiers.

Keel: en
Alusdokumendid: IEC 61162-460:2018; EN IEC 61162-460:2018
Tühistamisküsitluse lõppkuupäev: 14.05.2024

EVS-EN IEC 61162-460:2018/A1:2020

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security

Amendment for EN IEC 61162-460:2018

Keel: en
Alusdokumendid: IEC 61162-460:2018/A1:2020; EN IEC 61162-460:2018/A1:2020
Tühistamisküsitluse lõppkuupäev: 14.05.2024

EVS-EN ISO 18846:2016

Solid biofuels - Determination of fines content in quantities of pellets (ISO 18846:2016)

ISO 18846:2016 specifies a method for determining the amount of material passing through a sieve with 3,15 mm diameter round hole.

Keel: en
Alusdokumendid: ISO 18846:2016; EN ISO 18846:2016
Tühistamisküsitluse lõppkuupäev: 14.05.2024

EVS-EN ISO 20108:2017

Simultaneous interpreting - Quality and transmission of sound and image input - Requirements (ISO 20108:2017)

ISO 20108:2017 sets out requirements for the quality and transmission of sound and image input to interpreters and specifies the characteristics of the audio and video signals. The components of typical interpreting systems are specified in ISO 20109. Together with either permanent (see ISO 2603) or mobile (see ISO 4043) booths, these interpreting systems form the interpreters' working environment. In addition to setting out the requirements for on-site interpreting, where participants (speakers and members of the audience) and interpreters are at the same location, ISO 20108:2017 specifies requirements for different varieties of distance interpreting situations in which the interpreters are not at the same location as one or more of the conference participants. ISO 20108:2017 also addresses the work of manufacturers and providers of simultaneous interpreting equipment and technical staff. In conjunction with either ISO 2603 or ISO 4043, ISO 20108:2017 and ISO 20109 provide the relevant requirements both for the quality and transmission of sound and image provided to interpreters and for the equipment needed in the booths, the conference room and the distant site(s).

Keel: en
Alusdokumendid: ISO 20108:2017; EN ISO 20108:2017
Tühistamisküsitluse lõppkuupäev: 14.05.2024

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Eesti Standardimis- ja Akrediteerimiskeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mille Eesti standardina avaldamiseks on vajalik täiendav ettevalmistusaeg. Selliste teadete avaldamine võib olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samal ajal nii eesti- kui ka ingliskeelsena.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist. Lisateave standardiosakonnast: standardiosakond@evs.ee.

EN 13282-3:2024
Hydraulic road binders - Part 3: Assessment and verification of constancy of performance

Eeldatav avaldamise aeg Eesti standardina 07.2024

EN 1993-1-3:2024
Eurocode 3 - Design of steel structures - Part 1-3: Cold-formed members and sheeting

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN 1993-1-8:2024
Eurocode 3: Design of steel structures - Part 1-8: Design of joints

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN ISO 12185:2024
Crude petroleum, petroleum products and related products - Determination of density - Laboratory density meter with an oscillating U tube sensor (ISO 12185:2024)

Eeldatav avaldamise aeg Eesti standardina 06.2024

EN ISO 7519:2024
Technical product documentation (TPD) - Construction documentation - General principles of presentation for general arrangement and assembly drawings (ISO 7519:2024)

Eeldatav avaldamise aeg Eesti standardina 06.2024

EN 1991-2:2023
Eurocode 1 - Actions on structures - Part 2: Traffic loads on bridges and other civil engineering works

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN 1992-1-1:2023
Eurocode 2 - Design of concrete structures - Part 1-1: General rules and rules for buildings, bridges and civil engineering structures

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN 1992-1-2:2023
Eurocode 2 - Design of concrete structures – Part 1-2: Structural fire design

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN 1993-1-13:2024
Eurocode 3 - Design of steel structures - Part 1-13: Beams with large web openings

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN 1996-3:2023
Eurocode 6 - Design of Masonry structures - Part 3: Simplified calculation methods for unreinforced masonry structures

Eeldatav avaldamise aeg Eesti standardina 09.2027

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS 8:2024

Infotehnoloogia reeglid eesti keele ja kultuuri keskkonnas
Requirements on information technology in the Estonian language and cultural environment

See dokument kirjeldab infotehnoloogia reegleid eesti keele ja kultuuri keskkonnas. Standard kirjeldab Eesti märgistikku ja klaviatuuri ning Eesti andmestikku. Eesti andmestik on ülevaade erinevatest teemadest, mis on olulised Eesti ning eesti keele kultuuriandmestiku ja lokaadi seisukohast. Standard esitab need võimalikult üldistatult.

EVS-EN 1594:2024

Gaasitaristu. Torustikud maksimaalse töörõhuga üle 16 bar. Talitluslikud nõuded
Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements

Selles dokumendis kirjeldatakse talitluslikke nõudeid torustikele maksimaalse töörõhuga üle 16 bar. Lisaks kirjeldatakse selles dokumendis mehaaniliste omaduste nõudeid jaamades paiknevatele torustikele maksimaalse töörõhuga üle 16 bar. MÄRKUS Keevitusnõudeid on kirjeldatud standardis EN 12732. Jaamade talitluslikud nõuded on toodud standardites EN 1776, EN 1918-5, EN 12186 ja EN 12583. See dokument on kohaldatav gaasi transportimisel, kui kasutatakse maismaal asuvat terasest valmistatud kõrgrõhu torustikku, mille korral kehtivad järgmised tingimused: — maismaa: — alates kohast, kus torustik lõikub esmakordselt punktiga, mida üldiselt tunnustatakse maismaal asuva osa ja meres asuva osa vastutusalade piirina ning see ei paikne äri- või tööstusettevõtete territooriumil tootmisprotsessi lahutamatu osana, kusjuures erandid on kõik selliste ettevõtete gaasivarustuseks vajalikud torustikud ja rajatised; — maismaal paikneva alguspunktiga torustik, ka siis, kui maismaal paikneva torustiku osad läbivad või ületavad fjorde, järvi jms; — kõrgrõhk: gaas maksimaalse töörõhuga üle 16 bar ning arvutustemperatuuriga vahemikus −40 °C kuni 120 °C; — terastorustik: taristu, mis koosneb torustiku komponentidest, näiteks torudest, kraanidest, liitmikest ja muudest seadmetest, kusjuures komponendid on valmistatud legeerimata või madallegeeritud terasest ning ühendatud keevisõmbluste, äärikute või mehaaniliste liitmikega; — gaas: mittesöövitav maagaas, biometaangaas, vesinikgaas ja nende gaaside segud, kui tehnilise hindamise käigus on tuvastatud, et töötingimused või gaasi koostisosad või omadused ei mõjuta torustiku ohutut talitlust. Selles dokumendis käsitletav gaasitaristu algab pärast gaasitootja gaasimõõtejaama. MÄRKUS 2 Torustiku talitluslik piir paikneb tavaliselt vahetult pärast paigaldise esimest lahutuskraani, kuid võib olenevalt olukorrast erineda. Torustiku talitluslik piir paikneb tavaliselt paigaldise esimesel lahutuskraanil, kuid võib olenevalt olukorrast erineda. Gaasitaristu torustikke on kujutatud skemaatiliselt joonisel 1. Seda dokumenti võib kohaldada ka olemasolevate torustike ümberehitamisel. Selles dokumendis on määratletud gaasitaristu üldised põhimõtted. Selle standardi kasutajad peaksid arvestama, et CEN-i liikmesriikides võivad kehtida üksikasjalikumad rahvuslikud standardid ja/või tegevusjuhised. See dokument on mõeldud rakendamiseks koos nimetatud rahvuslike standardite ja/või tegevusjuhistega, milles on sätestatud eespool mainitud põhimõtted. Vastuolude korral, mis puudutavad riiklikes õigusaktides/eeskirjades sätestatud rangemaid nõudeid võrreldes selle standardi nõuetega, tuleb juhinduda riiklike õigusaktide/eeskirjade nõuetest, nagu märgitud tehnilises aruandes CEN/TR 13737. CEN/TR 13737 sätestab — kõigi liikmesriigis kohaldatavate õigusaktide/eeskirjade selgituse; — vajaduse korral rangemad riiklikud nõuded; — riikliku kontaktpunkti kõige uuema teabe saamiseks.

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Määrus (EL) 2017/745 Meditsiiniseadmed
Komisjoni rakendusotsus (EL) 2024/815
(EL Teataja 2024/L 08.03.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 455-3:2023 Ühekordselt kasutatavad meditsiinilised kindad. Osa 3: Bioloogilise hindamise nõuded ja katsetamine	08.03.2024		
EVS-EN ISO 10993-15:2023 Meditsiiniseadmete bioloogiline hindamine. Osa 15: Metallide ja sulamite degradatsioonisaaduste tuvastamine ja koguseline kindlaksmääramine	08.03.2024		
EVS-EN ISO 10993-17:2023 Meditsiiniseadmete bioloogiline hindamine. Osa 17: Meditsiiniseadme osade toksikoloogilise riski hindamine	08.03.2024		
EVS-EN ISO 10993-18:2020 Meditsiiniseadmete bioloogiline hindamine. Osa 18: Meditsiiniseadme materjalide keemiline iseloomustamine riskihaldusprotsessis	08.03.2024		
EVS-EN ISO 10993-18:2020/A1:2023 Meditsiiniseadmete bioloogiline hindamine. Osa 18: Meditsiiniseadme materjalide keemiline iseloomustamine riskihaldusprotsessis. Muudatus 1: Määramatusteguri leidmine	08.03.2024		
EVS-EN ISO 10993-18:2020+A1:2023 Meditsiiniseadmete bioloogiline hindamine. Osa 18: Meditsiiniseadme materjalide keemiline iseloomustamine riskihaldusprotsessis	08.03.2024		
EVS-EN ISO 11137-2:2015 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine	08.03.2024		
EVS-EN ISO 11137-2:2015/A1:2023 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine	08.03.2024		
EVS-EN ISO 11137-2:2015+A1:2023 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine	08.03.2024		
EVS-EN ISO 11607-1:2020 Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 1: Nõuded materjalile, steriilsele barjäärile ja pakendusele	08.03.2024		
EVS-EN ISO 11607-1:2020/A1:2023 Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 1: Nõuded materjalile, steriilsele barjäärile ja pakendusele. Muudatus 1: Riskihalduse rakendamine	08.03.2024		

EVS-EN ISO 11607-2:2020 Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 2: Valideerimisnõuded vormimis-, hermetiseerimis- ja koosteprotsessile	08.03.2024
EVS-EN ISO 11607-2:2020/A1:2023 Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 2: Valideerimisnõuded vormimis-, hermetiseerimis- ja koosteprotsessile	08.03.2024
EVS-EN ISO 17664-2:2023 Tervishoiutoodete töötlemine. Meditsiiniseadme tootja esitatav teave meditsiiniseadmete töötlemiseks. Osa 2: Mittekriitilised meditsiiniseadmed	08.03.2024