EVS TEATAJA

Avaldatud 02.09.2024

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

Ilmub alates 1993. aastast

ISSN 2806-1802

SISUKORD

ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

Lõpetatud on komitee EVS/TK 74 „Postiteenused“ registreering.

Komitee tähis: EVS/TK 74
Komitee nimi: Postiteenused
Komitee käsitlusalaks oli: Postiteenused alates lihtkirjadest kuni postipakkideni, sealhulgas kaasates digitaalteenuseid, mis on seotud nii füüsiliste postitoodete kui ka -teenustega. Standardiseerimise käsitlusala hõlmab erinevaid aspekte seoses teenuste kvaliteedi mõõtmise, (automaatse) postisaadetiste identifitseerimise ja jälgimise, andmete ja vormide tuvastamise ja jälgimise, et suurendada postivõrkude koostalitlusvõimet ja parendada teenuse kvaliteeti.

Komitee registreeringu tühistamise kuupäev: 23.08.2024

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 4258:2024

Aerospace series - Metallic materials - General organization of standardization - Link between types of European Standards and their use

This document specifies the general organization of metallic material standards for aerospace applications, their links with other types of European standards and their use. It corresponds to level 0 (see 4.2). From the date of publication of this document, specifications for different welding and brazing products can be written in only one standard instead of separated material standards. Already existing material standards for filler metals for welding and for brazing can continue to follow this organization.

Keel: en
Alusdokumendid: EN 4258:2024
Asendab dokumenti: EVS-EN 4258:2000

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 10705-3:2024

Water quality - Detection and enumeration of bacteriophages - Part 3: Validation of methods for concentration of bacteriophages from water (ISO 10705-3:2003)

This part of ISO 10705 specifies the general principles for assessing the performance of methods for the concentration of bacteriophages from water. Concentration is recommended for those water samples expected to contain < 3 pfp (plaque-forming particles) per millilitre. Concentration methods can be applied to all kinds of water provided that the amount and nature of suspended solids and/or dissolved matter do not interfere with the concentration procedure. This part of ISO 10705 does not give specific details of concentration methods, but outlines the fundamental principles for evaluating the suitability of a particular method for a given type and volume of water. Annex A gives examples of methods that have been found satisfactory and their fields of application.

Keel: en
Alusdokumendid: ISO 10705-3:2003; EN ISO 10705-3:2024

11 TERVISEHOOLDUS

EVS-EN ISO 6872:2024

Dentistry - Ceramic materials (ISO 6872:2024)

This document specifies the requirements, recommendations and the corresponding test methods for dental ceramic materials for fixed all-ceramic and metal-ceramic restorations and prostheses.

Keel: en
Alusdokumendid: ISO 6872:2024; EN ISO 6872:2024
Asendab dokumenti: EVS-EN ISO 6872:2015
Asendab dokumenti: EVS-EN ISO 6872:2015/A1:2018

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 1143-2:2024

Secure storage units - Requirements, classification and methods of tests for resistance to burglary - Part 2: Deposit systems

This document specifies requirements and tests methods for deposit systems, and classifies the systems according to their burglary resistance and their resistance to the theft of deposits. This document comprises two types of deposit system: — Night safes which provide depositing services for the customers of financial institutions without giving access to the content of the night safe. — Deposit safes which enable the personnel of a company to place money or valuables in safe custody without giving access to the content of the deposit safe. The installation condition for deposit safe according to this document is that the depositing functions are installed inside the premises of the company and are only disposable for the personnel of the company. NOTE Parts of a deposit system are a receiving unit, an input unit and in some cases, a chute. This document includes design requirements for deposit systems controlled by programmable controllers and for the software for these. Controller hardware testing is restricted to mechanical or electromechanical attacks of electric motors, sensors, coils and similar devices; but software testing as attempts to influence controller software or controller hardware is not part of this document. Deposit systems can have devices for functions such as user identification and/or counting and registration of money. Tests of and requirements for classification of such functions are not included. This document does not cover protection of persons using the deposit system or the prevention of fraud committed by operators of the deposit system.

Keel: en
Alusdokumendid: EN 1143-2:2024
Asendab dokumenti: EVS-EN 1143-2:2014

EVS-EN 12259-14:2020+A2:2024

Fixed firefighting systems - Components for sprinkler and water spray systems - Part 14: Sprinklers for residential applications

This document specifies requirements for the construction and performance of residential sprinklers as well as test methods for their type approval, which are operated by a change of state of an element or bursting of a glass bulb under the influence of heat and incorporating the following types of water seals: — conical metal spring with a PTFE gasket or coating; — metal cap or disc with PTFE gasket or coating; — copper gasket, with or without a PTFE coating. Sprinklers in accordance with this document are only used in automatic sprinkler systems for domestic and residential applications as defined in EN 16925.

Keel: en
Alusdokumendid: EN 12259-14:2020+A2:2024
Asendab dokumenti: EVS-EN 12259-14:2020+A1:2022

EVS-EN 15347-1:2024

Plastics - Sorted plastics wastes - Part 1: General characterisation

This document provides a scheme for the characterization of sorted plastics wastes, laying out those properties for which the supplying party of the waste makes information available to the receiving party. This document 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 is the general part of a series on sorted plastics wastes. This document does not cover the description of quality grades per polymer(s) and stream as well as test methods specific to each plastic waste stream; these aspects are addressed in the other parts of EN 15347.

Keel: en
Alusdokumendid: EN 15347-1:2024
Asendab dokumenti: EVS-EN 15347:2008

EVS-EN ISO 15923-1:2024

Water quality - Determination of selected parameters by discrete analysis systems - Part 1: Ammonium, nitrate, nitrite, chloride, orthophosphate, sulfate and silicate with photometric detection (ISO 15923-1:2013)

ISO 15923-1:2013 specifies methods for the automatic performance of spectrophotometric and turbidimetric analyses with a discrete analysis system for determining ammonium, nitrate, nitrite, chloride, orthophosphate, sulfate, and silicate. The field of application is ground, potable, surface, waste, eluates, and boiler water.

Keel: en
Alusdokumendid: ISO 15923-1:2013; EN ISO 15923-1:2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

CWA 18133:2024

Raman instruments calibration and verification protocols

This CEN Workshop Agreement (CWA) provides a data harmonization protocol for Raman instruments that allows: - Calibration adjustment of data and instruments already calibrated by the manufacturer; - Calibration of instruments without any previous calibration; - Verification of the calibration for instruments that were calibrated with this protocol in the past. The protocol consists of the following calibration and verification stages: x-axis positions, x-axis resolution and y-axis relative intensity correction. In addition to the use of the full protocol to harmonize an instrument, independent sections of the protocol can be used to verify/calibrate certain qualities (x-axis calibration, resolution, or y-axis calibration) of the instrument. The protocol is applicable to any kind of Raman instrument within the boundaries described in chapter 5. Primary use of this protocol is for fixed grating dispersive spectrometer systems. In scanning spectrometer systems, the exact settings of the scanning are to be considered as part of the optical path. The protocol may have application beyond the boundaries stated, such as systems using 514.5 nm or 633 nm excitation sources, but it has been developed using only 532 nm and 785 nm instruments, and as such its effectiveness with other excitation wavelengths is unconfirmed. NOTE Term ‘calibration’ can have legal meaning in a metrology environment, this is not the focus of this CEN Workshop Agreement.

Keel: en
Alusdokumendid: CWA 18133:2024

CWA 18134:2024

Raman instruments twinning protocol

This CEN Workshop Agreement (CWA) provides a procedure for twinning Raman instruments using a test sample to harmonize their Raman spectra in terms of intensity. This twinning protocol allows to correlate different Raman instruments to obtain equal Raman spectra in terms of Raman intensity, improving comparability, reproducibility and reliability. It is intended to be applied by end-users of Raman spectroscopy instruments, Raman manufacturers or users of Raman data. The twinning protocol is applicable to any kind of Raman instrument (non-confocal and confocal) within the boundaries described in Section 6.1. The protocol has been developed using Raman instruments using 532 nm and 785 laser sources. Prior to use, this protocol requires that the Raman instrument or the acquired test sample data has already undergone a full calibration on x and y-axis. This twinning protocol has been tested after applying the calibration protocol described in CWA 18133:2024. The protocol may have applications beyond the stated limits, such as other previous calibration protocols or systems using different excitation sources, but its effectiveness is not confirmed.

Keel: en

Alusdokumendid: CWA 18134:2024

EVS-EN IEC 62631-3-12:2024

Dielectric and resistive properties of solid insulating materials - Part 3-12: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - Method for casting resins

IEC 62631-3-12:2024 specifies a method of test for the determination of volume resistance and volume resistivity of electrical insulation materials by applying a DC voltage. It covers casting resins described in IEC 60455-3-1, IEC 60455-3-2, IEC 60455-3-3, IEC 60455-3-4, IEC 60455-3-8 and similar products. For other specific types of materials, other standards or the general method described in IEC 62631-3-1 can be more suitable.

Keel: en
Alusdokumendid: IEC 62631-3-12:2024; EN IEC 62631-3-12:2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13445-5:2021+A1:2024

Leekkuumutuseta surveanumad. Osa 5: Kontroll ja katsetamine
Unfired pressure vessels - Part 5: Inspection and testing

See dokumendi osa määrab kindlaks standardi EN 13445-2:2021 järgi terasest üksikult ja seeriaviisiliselt toodetavate surveanumate kontrollimise ja katsetamise. Erisätted tsüklilise talitluse kohta on toodud selle osa lisas G. Erisätted mahutitele ja mahutite osadele töötamisel roomavuse tingimustes on toodud selle osa lisas F ja lisas I. MÄRKUS Vastavushindamise protseduuri osaliste vastutusalad on toodud direktiivis 2014/68/EL. Juhised selle kohta leiab dokumendist CR 13445-7.

Keel: en, et
Alusdokumendid: EN 13445-5:2021+A1:2024
Asendab dokumenti: EVS-EN 13445-5:2021

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 62841-2-12:2024

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-12: Erinõuded käeshoitavatele betoonivibraatoritele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-12: Particular requirements for hand-held concrete vibrators

IEC 62841-2-12:2024 is to be used in conjunction with IEC 62841-1:2014. This document supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC Standard: Particular requirements for hand-held concrete vibrators. IEC 62841-1:2014, Clause 1 is applicable, except as follows. Addition: This document applies to hand-held concrete vibrators.

Keel: en
Alusdokumendid: IEC 62841-2-12:2024; EN IEC 62841-2-12:2024

EVS-EN IEC 62841-2-12:2024/A11:2024

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-12: Erinõuded käeshoitavatele betoonivibraatoritele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-12: Particular requirements for hand-held concrete vibrators

Amendment to EN IEC 62841-2-12:2024

Keel: en
Alusdokumendid: EN IEC 62841-2-12:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 62841-2-12:2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN IEC 61400-8:2024

Wind energy generation systems - Part 8: Design of wind turbine structural components

IEC 61400-8:2024 outlines the minimum requirements for the design of wind turbine nacelle-based structures and is not intended for use as a complete design specification or instruction manual. This document focuses on the structural integrity of the structural components constituted within and in the vicinity of the nacelle, including the hub, mainframe, main shaft, associated structures of direct-drives, gearbox structures, yaw structural connection, nacelle enclosure. It also addresses connections of the structural components to control and protection mechanisms, as well as structural connections of electrical units and other mechanical systems. This document focuses primarily on ferrous material-based nacelle structures but can apply to other materials also as appropriate

Keel: en
Alusdokumendid: IEC 61400-8:2024; EN IEC 61400-8:2024

EVS-EN IEC 63252:2020/A11:2024

Müügiautomaatide energiatarbimine
Energy consumption of vending machines

Amendment to EN IEC 63252:2020

Keel: en
Alusdokumendid: EN IEC 63252:2020/A11:2024
Muudab dokumenti: EVS-EN IEC 63252:2020

EVS-EN IEC 63461:2024

Pelton hydraulic turbines - Model acceptance tests

IEC 63461:2024 applies to laboratory model tests of any type of Pelton hydraulic turbine with unit power greater than 5 MW. It contains the rules governing test conduct and provides measures to be taken if any phase of the tests is disputed. The main objectives of this document are: - to define the terms and quantities used; - to specify methods of testing and of measuring the quantities involved, in order to ascertain the hydraulic performance of the model; - to specify the methods of computation of results and of comparison with guarantees; - to determine if the contract guarantees that fall within the scope of this document have been fulfilled; - and to define the extent, content and structure of the final report. Full application of the procedures herein described is not generally justified for machines with smaller power. Nevertheless, this document can be used for such machines by agreement between the purchaser and the supplier.

Keel: en
Alusdokumendid: IEC 63461:2024; EN IEC 63461:2024
Asendab dokumenti: EVS-EN IEC 60193:2019

EVS-EN ISO 17827-1:2024

Tahked biokütused. Kokkusurumata kütuste osakeste suurusjaotuse määramine. Osa 1: Ostsilleeriva sõela meetod, kasutades 3,15 mm ja suuremate avadega sõelu
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2024)

See dokument määratleb meetodi tahkete osakeste biokütuste suurusjaotuse määramiseks horisontaalselt ostsilleeriva sõela meetodil. See kehtib tahkete osakeste kokkusurumata kütuste kohta, mille nimisuurus on 3,15 mm ja rohkem, nt puiduhake, purustatud puitkütus, oliivikivid. Meetod on ette nähtud materjali iseloomustamiseks kuni osakeste suurusklassini (P) P63. Suuremate P-klasside ja PL-klasside puhul toimub iseloomustamine peamiselt käsitsi sorteerimise teel. MÄRKUS P- ja PL-klasside määratlused ja spetsifikatsioonid on toodud standardites ISO 17225-1, ISO 17225-4 ja ISO 17225-9.

Keel: en, et
Alusdokumendid: ISO 17827-1:2024; EN ISO 17827-1:2024
Asendab dokumenti: EVS-EN ISO 17827-1:2016

EVS-EN ISO 17827-2:2024

Tahked biokütused. Kokkusurumata kütuste osakeste suurusjaotuse määramine. Osa 2: Vibreeriva sõela meetod, kasutades 3,15 mm ja alla selle avadega sõelu
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2024)

See dokument määratleb meetodi tahkete osakeste biokütuste suurusjaotuse määramiseks vibreeriva sõela meetodil. Kirjeldatud meetod on mõeldud ainult tahkete osakeste biokütustele, nimelt materjalidele, mis on kas vähendatud mõõtmetega, nagu enamik puitkütuseid, või on füüsiliselt tahkete osakeste kujul. See dokument kehtib tahkete osakeste kokkusurumata kütuste kohta, mille nimisuurus on 3,15 mm ja alla selle (nt saepuru).

Keel: en, et
Alusdokumendid: ISO 17827-2:2024; EN ISO 17827-2:2024
Asendab dokumenti: EVS-EN ISO 17827-2:2016

EVS-EN ISO 17830:2024

Tahked biokütused. Lagunenud graanulite osakeste suurusjaotus
Solid biofuels - Particle size distribution of disintegrated pellets (ISO 17830:2024)

See dokument määratleb nõuded ja meetodi, mida kasutatakse lagunenud graanulite osakeste suuruse jaotuse määramiseks. Seda kasutatakse kuumas vees täielikult lagunevate graanulite puhul.

Keel: en, et
Alusdokumendid: ISO 17830:2024; EN ISO 17830:2024
Asendab dokumenti: EVS-EN ISO 17830:2016

29 ELEKTROTEHNIKA

EVS-EN IEC 62271-200:2021/A1:2024

High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

Amendment to EN IEC 62271-200:2021

Keel: en
Alusdokumendid: IEC 62271-200:2021/AMD1:2024; EN IEC 62271-200:2021/A1:2024
Muudab dokumenti: EVS-EN IEC 62271-200:2021

EVS-EN IEC 62631-3-12:2024

Dielectric and resistive properties of solid insulating materials - Part 3-12: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - Method for casting resins

IEC 62631-3-12:2024 specifies a method of test for the determination of volume resistance and volume resistivity of electrical insulation materials by applying a DC voltage. It covers casting resins described in IEC 60455-3-1, IEC 60455-3-2, IEC 60455-3-3, IEC 60455-3-4, IEC 60455-3-8 and similar products. For other specific types of materials, other standards or the general method described in IEC 62631-3-1 can be more suitable.

Keel: en
Alusdokumendid: IEC 62631-3-12:2024; EN IEC 62631-3-12:2024

33 SIDETEHNIKA

EVS-EN 18031-2:2024

Raadioseadmete ühised turvanõuded. Osa 2: Andmeid töötlevad raadioseadmed, nimelt Internetiga ühendatud raadioseadmed, lapsehoidmise raadioseadmed, mänguasjade raadioseadmed ja ihuraadioseadmed
Common security requirements for radio equipment - Part 2: radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment

Common security requirements for radio equipment processing personal data or traffic data or location data being either internet connected radio equipment, radio equipment designed or intended exclusively for childcare; toys and wearable radio equipment. The standard provides technical specifications for radio equipment processing personal data, traffic data or location data, which concerns electrical or electronic products that are capable to communicate over the internet, regardless of whether these products communicate directly or via any other equipment, childcare, toys or wearable radio equipment. The scope does not apply to 5G network equipment used by providers of public electronic communications networks and publicly available electronic communications services within the meaning of in Directive (EU) 2018/1972 of the European Parliament and of the Council as defined in that Regulation.

Keel: en
Alusdokumendid: EN 18031-2:2024

EVS-EN 18031-3:2024

Raadioseadmete ühised turvanõuded. Osa 3: Internetiga ühendatud raadioseadmed, mis töötlevad virtuaalraha või rahalist väärtust
Common security requirements for radio equipment - Part 3: Internet connected radio equipment processing virtual money or monetary value

Common security requirements for internet connected radio equipment that equipment enables the holder or user to transfer money, monetary value or virtual currency. This document provides technical specifications for radio equipment processing virtual money or monetary value, which apply to electrical or electronic products that are capable to communicate over the internet, regardless of whether these products communicate directly or via any other equipment.

Keel: en
Alusdokumendid: EN 18031-3:2024

EVS-EN 302 307-2 V1.4.1:2024

Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications; Part 2: DVB-S2 Extensions (DVB-S2X)

The present document specifies the optional extensions of the S2 system, identified by the S2X denomination. The present document also includes amendments to the standard to enable beam hopping operation.

Keel: en
Alusdokumendid: ETSI EN 302 307-2 V1.4.1

EVS-EN 303 798 V2.1.1:2024

Intelligent Transport Systems (ITS); LTE-V2X and NR-V2X Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band; Release 2

The present document defines the physical layer, the data link layer and radio resource configuration, grouped into the access layer of the ITS station reference architecture ETSI TS 103 898. The access layer technology that is specified in the present document refers to what is known as the sidelink or PC5 interface of cellular V2X for the following frequency bands: • Operation in frequency band dedicated to ITS for safety related applications in the frequency range 5,875 GHz to 5,925 GHz. • Operation in frequency bands dedicated to ITS non-safety applications in the frequency range 5,855 GHz to 5,875 GHz. The present document is a revision of ETSI EN 303 613, and extends the LTE-V2X access layer specification to include NR-V2X. Whether LTE-V2X or NR-V2X is used for message transmission in an ITS channel is determined by a system level configuration and outside the scope of the present document.

Keel: en
Alusdokumendid: ETSI EN 303 798 V2.1.1

EVS-EN 303 883-1 V2.1.1:2024

Short Range Devices (SRD) and Ultra Wide Band (UWB); Part 1: Measurement techniques for transmitter requirements

The present document summarizes the available information of possible measurement techniques and procedures for the conformance measurement of various signal formats (e.g. Ultra Wide Band (UWB)) in order to comply with the given transmission limits given in the current regulation.

Keel: en
Alusdokumendid: ETSI EN 303 883-1 V2.1.1

EVS-EN 303 883-2 V2.1.1:2024

Short Range Devices (SRD) and Ultra Wide Band (UWB); Part 2: Measurement techniques for receiver requirements

The present document provides measurement procedures for receiver requirements to address the spectrum efficiency requirements set out in article 3.2 of the RED. The baseline receiver concept is a set of two parameters given in clause 5 of the present document providing guidance for HS development, which can be further refined by the responsible TB. Baseline receiver concept comprises the following parameters: • Receiver Baseline Sensitivity (RBS); and • Receiver Baseline Resilience (RBR). The Baseline receiver concept is a further development of the signal interferer handling concept, see ETSI TS 103 361.

Keel: en
Alusdokumendid: ETSI EN 303 883-2 V2.1.1

EVS-EN 304 220-1 V1.2.1:2024

Lairiba andmeedastuse lähitoimeseadmed (SRD); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. Lairiba andmeedastusseadmed: sagedusalades 863 MHz kuni 868 MHz ja 915,8 MHz kuni 919,4 MHz töötavad pääsupunktid
Wideband data transmission SRD; Harmonised Standard for access to radio spectrum; Part 1: Wideband data transmission devices: network access points operating in the frequency bands 863 MHz to 868 MHz and 915,8 MHz to 919,4 MHz

The present document specifies technical characteristics and test methods to be used in the conformance assessment of wideband data transmission Short Range Device (SRD) network access point equipment in the frequency range 863 MHz to 868 MHz and 915,8 MHz to 919,4 MHz. The wideband data transmission device category covers radio devices that use wideband modulation techniques to access the spectrum. The present document specifies technical characteristics and methods of measurements for equipment operated in the following designated frequency bands given in Table 1-1. Table 1-1: Designated frequency bands SRD frequency bands 863 MHz to 868 MHz; According to band no 84 of Commission Implementing Decision (EU) 2022/180 and Annex 3 band a1 of CEPT/ERC/REC 70 03. 915,8 MHz to 919,4 MHz; According to band a2 of Annex 3 of CEPT/ERC/REC 70 03. 917,4 MHz to 919,4 MHz; According to band no 2 of Commission Implementing Decision (EU) 2022/172. In the designated bands the following types of equipment are defined: Type 1: Wideband Data Transmission Network Access Point (NAP) in data networks in 863,0 MHz to 868,0 MHz. Type 2: Wideband Data Transmission Master Network Access Point (NAP) in data networks in 915,8 MHz to 919,4 MHz and in 917,4 MHz to 919,4 MHz. Type 3: Wideband Data Transmission Network Access Point (NAP) in data networks in 915,8 MHz to 919,4 MHz and in 917,4 MHz to 919,4 MHz. NOTE 1: The availability of the frequency bands for type 2 and type 3 equipment in the European Union and CEPT countries can be obtained from EFIS (https://efis.cept.org/) and is also listed in Appendices 1 and 3 of CEPT/REC 70-03. In addition, it should be noted that, in some countries, part or all of the bands for type 2 and type 3 equipment may be unavailable, and/or other frequency bands may be available, for networked and/or network based short range devices. See National Radio Interfaces (NRI) as relevant for additional guidance. NOTE 2: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given Annex A.

Keel: en
Alusdokumendid: ETSI EN 304 220-1 V1.2.1

EVS-EN 304 220-2 V1.2.1:2024

Lairiba andmeedastuse lähitoimeseadmed (SRD); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 2. Lairiba andmeedastusseadmed: sagedusalades 863 MHz kuni 868 MHz ja 915,8 MHz kuni 919,4 MHz töötav lõpppunkt
Wideband data transmission SRD; Harmonised Standard for access to radio spectrum; Part 2: Wideband data transmission devices: terminal node operating in the frequency bands 863 MHz to 868 MHz and 915,8 MHz to 919,4 MHz

The present document specifies technical characteristics and test methods to be used in the conformance assessment of wideband data transmission Short Range Device (SRD) terminal node equipment in the frequency range 863 MHz to 868 MHz and 915,8 MHz to 919,4 MHz. The wideband data transmission device category covers radio devices that use wideband modulation techniques to access the spectrum. The present document specifies technical characteristics and methods of measurements for equipment operated in the following designated frequency bands given in Table 1-1. Table 1-1: Designated frequency bands SRD frequency bands 863 MHz to 868 MHz; According to band no 84 of Commission Implementing Decision (EU) 2022/180 and Annex 3 band a1 of CEPT/ERC/REC 70 03. 915,8 MHz to 919,4 MHz; According to band a2 of Annex 3 of CEPT/ERC/REC 70 03. 917,4 MHz to 919,4 MHz; According to band no 2 of Commission Implementing Decision (EU) 2022/172. In the designated bands the following types of equipment are defined: Type 1: Wideband Data Transmission Terminal Node (TN) in data networks in 863,0 MHz to 868,0 MHz. Type 2: Wideband Data Transmission Terminal Node (TN) in data network in 915,8 MHz to 919,4 MHz and in 917,4 MHz to 919,4 MHz: 1) Type 2a: Nomadic Terminal Node (TN) of Type 2 or Mobile Terminal Node (TN) of Type 2. NOTE 1: The availability of the frequency bands for type 2 equipment in the European Union and CEPT countries can be obtained from EFIS (https://efis.cept.org/) and is also listed in Appendices 1 and 3 of CEPT/ERC/REC 70 03. In addition, it should be noted that, in some countries, part or all of the bands for type 2 equipment may be unavailable, and/or other frequency bands may be available, for networked and/or network based short range devices. See National Radio Interfaces (NRI) as relevant for additional guidance. NOTE 2: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given annex A.

Keel: en
Alusdokumendid: ETSI EN 304 220-2 V1.2.1

EVS-EN IEC 60793-1-22:2024

Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement

IEC 60793-1-22:2024 establishes uniform requirements for measuring the length and elongation of optical fibre (typically within cable). The length of an optical fibre is a fundamental value for the evaluation of transmission characteristics such as losses and bandwidths.

Keel: en
Alusdokumendid: IEC 60793-1-22:2024; EN IEC 60793-1-22:2024
Asendab dokumenti: EVS-EN 60793-1-22:2003

EVS-EN IEC 60793-1-46:2024

Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in attenuation

IEC 60793-1-46:2024 establishes uniform requirements for the monitoring of changes in attenuation, thereby assisting in the inspection of fibres and cables for commercial purposes. This document gives two methods for monitoring the changes in attenuation of optical fibres and cables that occur during mechanical or environmental testing, or both. It provides a monitor in the change of attenuation characteristics arising from optical discontinuity, physical defects and modifications of the attenuation slope: - method A: change in attenuation by transmitted power; - method B: change in attenuation by backscattering. Methods A and B apply to the monitoring of all categories of the following fibres: - class A: multimode fibres; - class B: single-mode fibres; - class C: single-mode intraconnection fibres. Information common to both measurements is contained in Clause 1 to Clause 10, and information pertaining to each individual method appears in Annex A, and Annex B respectively.

Keel: en
Alusdokumendid: IEC 60793-1-46:2024; EN IEC 60793-1-46:2024
Asendab dokumenti: EVS-EN 60793-1-46:2003

35 INFOTEHNOLOOGIA

EVS-EN 18031-1:2024

Raadioseadmete ühised turvanõuded. Osa 1: Internetiga ühendatud raadioseadmed
Common security requirements for radio equipment - Part 1: Internet connected radio equipment

This document specifies common security requirements for internet-connected radio equipment. This document provides technical specifications for radio equipment, which concerns electrical or electronic products that are capable to communicate over the internet, regardless of whether these products communicate directly or via any other equipment.

Keel: en
Alusdokumendid: EN 18031-1:2024

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 17963:2024
Natural gas vehicles - LNG vehicle fuelling procedures

This document gives guidelines for safe fuelling operations of vehicles that use liquefied natural gas (LNG) as a fuel for propulsion, covering the activities and procedures to be followed for safe operation. It provides procedures applicable to different fuelling systems and technologies. NOTE Regarding the responsibility surrounding the training of drivers of LNG vehicles, see the framework of Directive 89/391 EEC.

Keel: en
Alusdokumendid: EN 17963:2024

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2467:2024
Aerospace series - Steel X2CrNi18-9 (1.4307) - Air melted - Softened - Plates, sheets and strips - 0,4 mm ≤ a ≤ 20 mm - 520 MPa ≤ Rm ≤ 670 MPa

This document specifies the requirements relating to: Steel X2CrNi18-9 (1.4307) Air melted Softened Plates, sheets and strips 0,4 mm ≤ a ≤ 20 mm 520 MPa ≤ Rm ≤ 670 MPa for aerospace applications. W. nr: 1.4307. ASD-STAN designation: FE-PA3901.

Keel: en
Alusdokumendid: EN 2467:2024
Asendab dokumenti: EVS-EN 2467:2007

EVS-EN 2821:2024
Aerospace series - Steel X5CrNiCu15-5 (1.4545) - Consumable electrode remelted - Solution treated and precipitation treated - Bars for machining - a or D ≤ 200 mm - Rm ≥ 1 310 MPa

This document specifies the requirements relating to: Steel X5CrNiCu15-5 (1.4545) Consumable electrode remelted Solution treated and precipitation treated Bars for machining a or D ≤ 200 mm Rm ≥ 1 310 MPa for aerospace applications.

Keel: en
Alusdokumendid: EN 2821:2024
Asendab dokumenti: EVS-EN 2821:2007

EVS-EN 3361:2024
Aerospace series - Steel X5CrNiCu15-5 (1.4545) - Consumable electrode remelted - Solution treated and precipitation treated - Sheets and strips - a ≤ 6mm - 1 070 MPa ≤ Rm ≤ 1 220 MPa

This document specifies the requirements relating to: Steel X5CrNiCu15-5 (1.4545) Consumable electrode remelted Solution treated and precipitation treated Sheets and strips a ≤ 6 mm 1 070 MPa ≤ Rm ≤ 1 220 MPa for aerospace applications.

Keel: en
Alusdokumendid: EN 3361:2024
Asendab dokumenti: EVS-EN 3361:2007

EVS-EN 3488:2024
Aerospace series - Steel X6CrNiTi18-10 (1.4541) - Air melted - Softened - Sheets and strips - a ≤ 6 mm - 500 MPa ≤ Rm ≤ 700 MPa

This document specifies the requirements relating to: Steel X6CrNiTi18–10 (1.4541) Air melted Softened Sheets and strips a ≤ 6 mm 500 MPa ≤ Rm ≤ 700 MPa for aerospace applications. W. Nr: 1.4541. ASD-STAN designation: FE-PA3601.

Keel: en
Alusdokumendid: EN 3488:2024
Asendab dokumenti: EVS-EN 3488:2007

EVS-EN 4258:2024
Aerospace series - Metallic materials - General organization of standardization - Link between types of European Standards and their use

This document specifies the general organization of metallic material standards for aerospace applications, their links with other types of European standards and their use. It corresponds to level 0 (see 4.2). From the date of publication of this document, specifications for different welding and brazing products can be written in only one standard instead of separated material standards. Already existing material standards for filler metals for welding and for brazing can continue to follow this organization.

Keel: en
Alusdokumendid: EN 4258:2024
Asendab dokumenti: EVS-EN 4258:2000

EVS-EN 4630:2024

Aerospace series - Steel X4CrNiMo16-5-1 (1.4418) - Air melted - Hardened and tempered - Forgings - De ≤ 200 mm - 900 MPa ≤ Rm ≤ 1 050 MPa

This document specifies the requirements relating to: Steel X4CrNiMo16-5-1 (1.4418) Air melted Hardened and tempered Forgings De ≤ 200 mm 900 MPa ≤ Rm ≤ 1 050 MPa for aerospace applications. NOTE Other common designations: AIR: Z 8 CND 17 04. Only the chemical composition of this document are considered.

Keel: en
Alusdokumendid: EN 4630:2024
Asendab dokumenti: EVS-EN 4630:2015

EVS-EN 4631:2024

Aerospace series - Steel X4CrNiMo16-5-1 (1.4418) - Air melted - Hardened and tempered - Bars - De ≤ 200 mm - 900 MPa ≤ Rm ≤ 1 050 MPa

This document specifies the requirements relating to: Steel X4CrNiMo16-5-1 (1.4418) Air melted Hardened and tempered Bars De ≤ 200 mm 900 MPa ≤ Rm ≤ 1 050 MPa for aerospace applications. NOTE Other common designations: AIR: Z 8 CND 17 04. Only the chemical composition of this document are considered.

Keel: en
Alusdokumendid: EN 4631:2024
Asendab dokumenti: EVS-EN 4631:2013

EVS-EN 4641-301:2024

Aerospace series - Cables, optical, 125 µm diameter cladding - Part 301: Tight structure 50/125 µm GI, fibre nominal 1,8 mm, outside diameter - Product standard

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

Keel: en
Alusdokumendid: EN 4641-301:2024
Asendab dokumenti: EVS-EN 4641-301:2022

EVS-EN 9239:2024

Aerospace series - Programme Management - Recommendations to implement risk management and opportunity management

This document enables the specific needs of the aeronautical, space and defence fields to be met. It can also apply to other fields. However, the specificity of some fields can lead to the use of existing sectorial standards such as EN 16601-80, Space project management - Risk management (derived from ECSS-M-80). This document: - proposes a framework for implementing organization of risk management and opportunity management within programme management; this framework may serve as a basis for writing risk management specifications and opportunity management specifications; - describes a process for keeping programme risks within the defined limitations that are considered tolerable; this standard process can be used as a methodological guide for writing the programme risk control plan; - describes a process for addressing and developing opportunities that have positive consequences on the execution of a programme; this standard process can be used as a methodological guide for writing the strategic programme opportunity control plan; - recognizes the need for knowledge management in order to capitalize and to share lessons learned with other programmes, as well as the maturity assessment of the risk management and opportunity management processes; - identifies useful documents for risk management and opportunity management; - proposes an example of a typical list of risks and opportunities.

Keel: en
Alusdokumendid: EN 9239:2024
Asendab dokumenti: EVS-EN 9239:2016

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 13431:2024

Geotextiles and geotextile-related products - Determination of tensile creep and creep rupture behaviour (ISO 13431:2024)

This document specifies a method for determining the tensile creep and creep rupture behaviour of geotextiles and geotextile-related products in an unconfined situation. Application of this document is limited to products and applications where the risk of collapse of a structure due to premature failure or to strain and time variation of the reinforcement under constant load is of essential importance.

Keel: en
Alusdokumendid: ISO 13431:2024; EN ISO 13431:2024
Asendab dokumenti: EVS-EN ISO 13431:2000

EVS-EN ISO 20701:2024

Leather - Tests for colour fastness - Colour fastness to saliva (ISO 20701:2024)

This document specifies a method for determining the colour fastness to saliva of all kinds of leathers, independent of the colouring procedure applied. The method uses an artificial saliva solution to simulate whether colouring materials can migrate from leather to the mouth or to the mucous membranes.

Keel: en
Alusdokumendid: ISO 20701:2024; EN ISO 20701:2024
Asendab dokumenti: EVS-EN ISO 20701:2018

EVS-EN ISO 2419:2024

Leather - Physical and mechanical tests - Specimen and test piece conditioning (ISO 2419:2024)

This document specifies the conditioning of leather for physical and mechanical testing in standard atmospheres. It is applicable to all types of dry leather.

Keel: en
Alusdokumendid: ISO 2419:2024; EN ISO 2419:2024
Asendab dokumenti: EVS-EN ISO 2419:2012

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 17963:2024

Natural gas vehicles - LNG vehicle fuelling procedures

This document gives guidelines for safe fuelling operations of vehicles that use liquefied natural gas (LNG) as a fuel for propulsion, covering the activities and procedures to be followed for safe operation. It provides procedures applicable to different fuelling systems and technologies. NOTE Regarding the responsibility surrounding the training of drivers of LNG vehicles, see the framework of Directive 89/391 EEC.

Keel: en
Alusdokumendid: EN 17963:2024

EVS-EN 589:2024/NA:2024

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa
Automotive fuels - LPG - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 589:2024

Keel: et, en
Täiendab rahvuslikult dokumenti: EVS-EN 589:2024

EVS-EN 589:2024+NA:2024

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid
Automotive fuels - LPG - Requirements and test methods

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)“ ja „% (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, en
Konsolideerib dokumenti: EVS-EN 589:2024
Konsolideerib dokumenti: EVS-EN 589:2024/NA:2024

EVS-EN ISO 17827-1:2024

Tahked biokütused. Kokkusurumata kütuste osakeste suurusjaotuse määramine. Osa 1: Ostsilleeriva sõela meetod, kasutades 3,15 mm ja suuremate avadega sõelu
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2024)

See dokument määratleb meetodi tahkete osakeste biokütuste suurusjaotuse määramiseks horisontaalselt ostsilleeriva sõela meetodil. See kehtib tahkete osakeste kokkusurumata kütuste kohta, mille nimisuurus on 3,15 mm ja rohkem, nt puiduhake, purustatud puitkütus, oliivikivid. Meetod on ette nähtud materjali iseloomustamiseks kuni osakeste suurusklassini (P) P63.

Suuremate P-klasside ja PL-klasside puhul toimub iseloomustamine peamiselt käsitsi sorteerimise teel. MÄRKUS P- ja PL-klasside määratlused ja spetsifikatsioonid on toodud standardites ISO 17225-1, ISO 17225-4 ja ISO 17225-9.

Keel: en, et
Alusdokumendid: ISO 17827-1:2024; EN ISO 17827-1:2024
Asendab dokumenti: EVS-EN ISO 17827-1:2016

EVS-EN ISO 17827-2:2024

Tahked biokütused. Kokkusurumata kütuste osakeste suurusjaotuse määramine. Osa 2: Vibreeriva sõela meetod, kasutades 3,15 mm ja alla selle avadega sõelu
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2024)

See dokument määratleb meetodi tahkete osakeste biokütuste suurusjaotuse määramiseks vibreeriva sõela meetodil. Kirjeldatud meetod on mõeldud ainult tahkete osakeste biokütustele, nimelt materjalidele, mis on kas vähendatud mõõtmetega, nagu enamik puitkütuseid, või on füüsiliselt tahkete osakeste kujul. See dokument kehtib tahkete osakeste kokkusurumata kütuste kohta, mille nimisuurus on 3,15 mm ja alla selle (nt saepuru).

Keel: en, et
Alusdokumendid: ISO 17827-2:2024; EN ISO 17827-2:2024
Asendab dokumenti: EVS-EN ISO 17827-2:2016

EVS-EN ISO 17830:2024

Tahked biokütused. Lagunenud graanulite osakeste suurusjaotus
Solid biofuels - Particle size distribution of disintegrated pellets (ISO 17830:2024)

See dokument määratleb nõuded ja meetodi, mida kasutatakse lagunenud graanulite osakeste suuruse jaotuse määramiseks. Seda kasutatakse kuumas vees täielikult lagunevate graanulite puhul.

Keel: en, et
Alusdokumendid: ISO 17830:2024; EN ISO 17830:2024
Asendab dokumenti: EVS-EN ISO 17830:2016

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15347-1:2024

Plastics - Sorted plastics wastes - Part 1: General characterisation

This document provides a scheme for the characterization of sorted plastics wastes, laying out those properties for which the supplying party of the waste makes information available to the receiving party. This document 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 is the general part of a series on sorted plastics wastes. This document does not cover the description of quality grades per polymer(s) and stream as well as test methods specific to each plastic waste stream; these aspects are addressed in the other parts of EN 15347.

Keel: en
Alusdokumendid: EN 15347-1:2024
Asendab dokumenti: EVS-EN 15347:2008

EVS-EN ISO 8028:2024

Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO 8028:2024)

This document specifies the requirements for four types of hose and hose assemblies for use in airless paint spraying. The four types are differentiated by burst pressure and operating temperature, and can be constructed from rubber or plastic materials, or a combination of rubber and plastic material.

Keel: en
Alusdokumendid: ISO 8028:2024; EN ISO 8028:2024
Asendab dokumenti: EVS-EN ISO 8028:2018

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 8028:2024

Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO 8028:2024)

This document specifies the requirements for four types of hose and hose assemblies for use in airless paint spraying. The four types are differentiated by burst pressure and operating temperature, and can be constructed from rubber or plastic materials, or a combination of rubber and plastic material.

Keel: en
Alusdokumendid: ISO 8028:2024; EN ISO 8028:2024
Asendab dokumenti: EVS-EN ISO 8028:2018

93 RAJATISED

EVS-EN 13880-3:2024
Hot applied joint sealants - Part 3: Test method for the determination of penetration and recovery (resilience)

This document specifies a test method as an indicator both for the penetration resistance (hardness) and elastic recovery after de-loading (resilience) of hot applied joint sealants according to EN 14188-1 at 25 °C using a standard penetrometer fitted with a ball penetration tool.

Keel: en
Alusdokumendid: EN 13880-3:2024
Asendab dokumenti: EVS-EN 13880-3:2003

EVS-EN 13880-4:2024
Hot applied joint sealants - Part 4: Test method for the characterization of heat resistance - Change in penetration value

This document specifies a method to characterize the heat resistance on samples of hot applied joint sealants according to EN 14188 1 by comparing the cone penetration and resilience values before and after exposure.

Keel: en
Alusdokumendid: EN 13880-4:2024
Asendab dokumenti: EVS-EN 13880-4:2003

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 13451-1:2020+A1:2024
Swimming pool equipment - Part 1: General safety requirements and test methods for equipment installed in pools for public use

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

Keel: en
Alusdokumendid: EN 13451-1:2020+A1:2024
Asendab dokumenti: EVS-EN 13451-1:2020

EVS-EN 15288-1:2018+A1:2024
Swimming pools for public use - Part 1: Safety requirements for design

This document specifies safety requirements relevant to certain aspects of the design and construction of classified pools according to Clause 4. It is intended for those concerned with the design, construction, planning and operation of classified swimming pools. It provides guidance about the risks associated by identifying the design characteristics required for a safe environment. The requirements of this document are applicable to all new classified pools and, as appropriate, to specific refurbishments of classified existing pools. This document has limited application to classified pools which consist of segregated areas of rivers, lakes or the sea but this document should be followed where relevant. National and/or local legislation may apply. This document is not applicable to domestic swimming pools according to EN 16582 (all parts). Further definitions of domestic swimming pools and/or use are given in EN 16582.

Keel: en
Alusdokumendid: EN 15288-1:2018+A1:2024
Asendab dokumenti: EVS-EN 15288-1:2018

EVS-EN IEC 63252:2020/A11:2024
Müügiautomaatide energiatarbimine
Energy consumption of vending machines

Amendment to EN IEC 63252:2020

Keel: en
Alusdokumendid: EN IEC 63252:2020/A11:2024
Muudab dokumenti: EVS-EN IEC 63252:2020

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

11 TERVISEHOOLDUS

EVS-EN ISO 6872:2015
Dentistry - Ceramic materials (ISO 6872:2015)

Keel: en
Alusdokumendid: ISO 6872:2015; EN ISO 6872:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 6872:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 6872:2015/A1:2018
Standardi staatus: Kehtetu

EVS-EN ISO 6872:2015/A1:2018
Dentistry - Ceramic materials (ISO 6872:2015/Amd 1:2018)

Keel: en
Alusdokumendid: ISO 6872:2015/Amd 1:2018; EN ISO 6872:2015/A1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 6872:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 1143-2:2014
Secure storage units - Requirements, classification and methods of tests for resistance to burglary - Part 2: Deposit systems

Keel: en
Alusdokumendid: EN 1143-2:2014
Asendatud järgmise dokumendiga: EVS-EN 1143-2:2024
Standardi staatus: Kehtetu

EVS-EN 12259-14:2020+A1:2022
Fixed firefighting systems - Components for sprinkler and water spray systems - Part 14: Sprinklers for residential applications

Keel: en
Alusdokumendid: EN 12259-14:2020+A1:2022
Asendatud järgmise dokumendiga: EVS-EN 12259-14:2020+A2:2024
Standardi staatus: Kehtetu

EVS-EN 15347:2008
Plastics - Recycled Plastics - Characterisation of plastics wastes

Keel: en
Alusdokumendid: EN 15347:2007
Asendatud järgmise dokumendiga: EVS-EN 15347-1:2024
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13445-5:2021
Leekkuumutuseta surveanumad. Osa 5: Kontroll ja katsetamine
Unfired pressure vessels - Part 5: Inspection and testing

Keel: en, et
Alusdokumendid: EN 13445-5:2021
Asendatud järgmise dokumendiga: EVS-EN 13445-5:2021+A1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 8028:2018
Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO 8028:2017)

Keel: en
Alusdokumendid: ISO 8028:2017; EN ISO 8028:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 8028:2024
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN IEC 60193:2019
Hydraulic turbines, storage pumps and pump-turbines - Model acceptance tests

Keel: en
Alusdokumendid: IEC 60193:2019; EN IEC 60193:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 63461:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17827-1:2016
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2016)

Keel: en
Alusdokumendid: ISO 17827-1:2016; EN ISO 17827-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 17827-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17827-2:2016
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2016)

Keel: en
Alusdokumendid: ISO 17827-2:2016; EN ISO 17827-2:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 17827-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17830:2016
Solid biofuels - Particle size distribution of disintegrated pellets (ISO 17830:2016)

Keel: en
Alusdokumendid: ISO 17830:2016; EN ISO 17830:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 17830:2024
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60793-1-22:2003
Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement

Keel: en
Alusdokumendid: IEC 60793-1-22:2001; EN 60793-1-22:2002
Asendatud järgmise dokumendiga: EVS-EN IEC 60793-1-22:2024
Standardi staatus: Kehtetu

EVS-EN 60793-1-46:2003
Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in optical transmittance

Keel: en
Alusdokumendid: IEC 60793-1-46:2001; EN 60793-1-46:2002
Asendatud järgmise dokumendiga: EVS-EN IEC 60793-1-46:2024
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2467:2007
Aerospace series - Steel FE-PA3901 (X2CrNi18-9) - Air melted - Softened - Plate, sheet and strip - 0,4 mm ≤ a ≤ 20 mm - 520 MPa ≤ Rm ≤ 670 Mpa

Keel: en
Alusdokumendid: EN 2467:2007
Asendatud järgmise dokumendiga: EVS-EN 2467:2024
Standardi staatus: Kehtetu

EVS-EN 2821:2007

Aerospace series - Steel FE-PM1802 (X5CrNiCu15-5) - Consumable electrode remelted - Solution treated and precipitation treated - Bar for machining - a or D ≤ 200 mm – Rm ≥ 1 310 Mpa

Keel: en
Alusdokumendid: EN 2821:2007
Asendatud järgmise dokumendiga: EVS-EN 2821:2024
Standardi staatus: Kehtetu

EVS-EN 3361:2007

Aerospace series - Steel FE-PM1802 (X5CrNiCu15-5) - Consumable electrode remelted, solution treated and precipitation treated, sheet and strip a ≤ 6mm, 1 070 MPa ≤ Rm ≤ 1 220 Mpa

Keel: en
Alusdokumendid: EN 3361:2007
Asendatud järgmise dokumendiga: EVS-EN 3361:2024
Standardi staatus: Kehtetu

EVS-EN 3488:2007

Aerospace series - Steel FE-PA3601 (X6CrNiTi18-10) - Air melted - Softened - Sheet and strip - a ≤ 6 mm - 500 MPa ≤ Rm ≤ 700 Mpa

Keel: en
Alusdokumendid: EN 3488:2007
Asendatud järgmise dokumendiga: EVS-EN 3488:2024
Standardi staatus: Kehtetu

EVS-EN 4258:2000

Lennunduse ja kosmonautika seeria. Metallilised materjalid. Standardimise üldine korraldus. Seosed EN standardite tüüpide vahel ja nende kasutamine
Aerospace series - Metallic materials - General organization of standardization - Links between types of EN standards and their use

Keel: en
Alusdokumendid: EN 4258:1998
Asendatud järgmise dokumendiga: EVS-EN 4258:2024
Standardi staatus: Kehtetu

EVS-EN 4630:2015

Aerospace series - Steel X4CrNiMo16-5-1 (1.4418) - Air melted - Hardened and tempered - Forgings - De ≤ 200 mm - 900 MPa ≤ Rm ≤ 1 050 MPa

Keel: en
Alusdokumendid: EN 4630:2014
Asendatud järgmise dokumendiga: EVS-EN 4630:2024
Standardi staatus: Kehtetu

EVS-EN 4631:2013

Aerospace series - Steel X4CrNiMo16-5-1 (1.4418) - Air melted - Hardened and tempered - Bar - De ≤ 200 mm - 900 MPa ≤ Rm ≤ 1 050 MPa

Keel: en
Alusdokumendid: EN 4631:2013
Asendatud järgmise dokumendiga: EVS-EN 4631:2024
Standardi staatus: Kehtetu

EVS-EN 4641-301:2022

Aerospace series - Cables, optical 125 µm diameter cladding - Part 301: Tight structure 50/125 µm GI, fibre nominal 1,8 mm, outside diameter - Product standard

Keel: en
Alusdokumendid: EN 4641-301:2022
Asendatud järgmise dokumendiga: EVS-EN 4641-301:2024
Standardi staatus: Kehtetu

EVS-EN 9239:2016

Aerospace series - Programme Management - Guide for the risk management

Keel: en
Alusdokumendid: EN 9239:2016
Asendatud järgmise dokumendiga: EVS-EN 9239:2024

Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 12644-1:2001+A1:2008
Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 1: Juhendid KONSOLIDEERITUD TEKST
Cranes - Information for use and testing - Part 1: Instructions CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 12644-1:2001+A1:2008
Standardi staatus: Kehtetu

EVS-EN 12644-2:2000+A1:2008
Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 2: Märgistus KONSOLIDEERITUD TEKST
Cranes - Information for use and testing - Part 2: Marking CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 12644-2:2000+A1:2008
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 13431:2000
Geotekstiil ja samalaadsed tooted. Tõmberoome ja roomepurunemislike omaduste määramine Geotextiles and geotextile-related products - Determination of the tensile creep and creep rupture behaviour

Keel: en
Alusdokumendid: ISO 13431:1998; EN ISO 13431:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 13431:2024
Standardi staatus: Kehtetu

EVS-EN ISO 20701:2018
Leather - Tests for colour fastness - Colour fastness to saliva (ISO 20701:2017)

Keel: en
Alusdokumendid: ISO 20701:2017; EN ISO 20701:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 20701:2024
Standardi staatus: Kehtetu

EVS-EN ISO 2419:2012
Leather - Physical and mechanical tests - Sample preparation and conditioning (ISO 2419:2012)

Keel: en
Alusdokumendid: ISO 2419:2012; EN ISO 2419:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 2419:2024
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 17827-1:2016
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2016)

Keel: en
Alusdokumendid: ISO 17827-1:2016; EN ISO 17827-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 17827-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17827-2:2016
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2016)

Keel: en
Alusdokumendid: ISO 17827-2:2016; EN ISO 17827-2:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 17827-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17830:2016
Solid biofuels - Particle size distribution of disintegrated pellets (ISO 17830:2016)

Keel: en
Alusdokumendid: ISO 17830:2016; EN ISO 17830:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 17830:2024
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15347:2008
Plastics - Recycled Plastics - Characterisation of plastics wastes

Keel: en
Alusdokumendid: EN 15347:2007
Asendatud järgmise dokumendiga: EVS-EN 15347-1:2024
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 8028:2018
Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO 8028:2017)

Keel: en
Alusdokumendid: ISO 8028:2017; EN ISO 8028:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 8028:2024
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 206:2014+A1:2016/AC:2019
Betoon. Spetsifitseerimine, toimivus, tootmine ja vastavus
Concrete - Specification, performance, production and conformity

Keel: et
Asendatud järgmise dokumendiga: EVS-EN 206:2014+A2:2021
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 13880-3:2003
Hot applied joint sealants - Test methods - Part 3: Determination of penetration and recovery (resilience)

Keel: en
Alusdokumendid: EN 13880-3:2003
Asendatud järgmise dokumendiga: EVS-EN 13880-3:2024
Standardi staatus: Kehtetu

EVS-EN 13880-4:2003
Hot applied joint sealants - Part 4: Test method for the determination of heat resistance - Change in penetration value

Keel: en
Alusdokumendid: EN 13880-4:2003
Asendatud järgmise dokumendiga: EVS-EN 13880-4:2024
Standardi staatus: Kehtetu

95 SÕJANDUS. SÕJALISED EHITISED (SÕJATEHNIKA). RELVAD

CWA 17094-1:2016
Police firearms technology - Part 1: Police pistol and rifle ammunition features - Recommendations

Keel: en
Alusdokumendid: CWA 17094-1:2016
Standardi staatus: Kehtetu

CWA 17094-2:2016
Police firearms technology - Part 2: Police pistol and support weapon - Recommendations

Keel: en
Alusdokumendid: CWA 17094-2:2016
Standardi staatus: Kehtetu

CWA 17094-3:2016
Police firearms technology - Part 3: Police shotgun ammunition features - Recommendations

Keel: en
Alusdokumendid: CWA 17094-3:2016
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 13451-1:2020
Swimming pool equipment - Part 1: General safety requirements and test methods for equipment installed in pools for public use

Keel: en
Alusdokumendid: EN 13451-1:2020
Asendatud järgmise dokumendiga: EVS-EN 13451-1:2020+A1:2024
Standardi staatus: Kehtetu

EVS-EN 15288-1:2018
Swimming pools for public use - Part 1: Safety requirements for design

Keel: en
Alusdokumendid: EN 15288-1:2018
Asendatud järgmise dokumendiga: EVS-EN 15288-1:2018+A1:2024
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 ISO 7010:2020/prA7
Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 7 (ISO 7010:2019/Amd 7:2023)

Amendment to EN ISO 7010:2020

Keel: en
Alusdokumendid: EN ISO 7010:2020/prA7; ISO 7010:2019/Amd 7:2023
Muudab dokumenti: EVS-EN ISO 7010:2020

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 7010:2020/prA8
Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 8 (ISO 7010:2019/Amd 8:2024)

Amendment to EN ISO 7010:2020

Keel: en
Alusdokumendid: EN ISO 7010:2020/prA8; ISO 7010:2019/Amd 8:2024
Muudab dokumenti: EVS-EN ISO 7010:2020

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-10:2019/prA1
Quantities and units - Part 10: Atomic and nuclear physics - Amendment 1 (ISO 80000-10:2019/DAM 1:2024)

Amendment to EN ISO 80000-10:2019

Keel: en
Alusdokumendid: EN ISO 80000-10:2019/prA1; ISO 80000-10:2019/DAM 1:2024
Muudab dokumenti: EVS-EN ISO 80000-10:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-11:2020/prA1
Quantities and units - Part 11: Characteristic numbers - Amendment 1 (ISO 80000-11:2019/DAM 1:2024)

Amendment to EN ISO 80000-11:2020

Keel: en
Alusdokumendid: EN ISO 80000-11:2020/prA1; ISO 80000-11:2019/DAM 1:2024
Muudab dokumenti: EVS-EN ISO 80000-11:2020

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-12:2019/prA1

Quantities and units - Part 12: Condensed matter physics - Amendment 1 (ISO 80000-12:2019/DAM 1:2024)

Amendment to EN ISO 80000-12:2019

Keel: en
Alusdokumendid: EN ISO 80000-12:2019/prA1; ISO 80000-12:2019/DAM 1:2024
Muudab dokumenti: EVS-EN ISO 80000-12:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-3:2020/prA1

Quantities and units - Part 3: Space and time - Amendment 1 (ISO 80000-3:2019/DAmd1:2024)

Amendment to EN ISO 80000-3:2020

Keel: en
Alusdokumendid: EN ISO 80000-3:2020/prA1; ISO 80000-3:2019/DAmd1:2024
Muudab dokumenti: EVS-EN ISO 80000-3:2020

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-4:2019/prA1

Quantities and units - Part 4: Mechanics - Amendment 1 (ISO 80000-4:2019/DAmd 1:2024)

Amendment to EN ISO 80000-4:2019

Keel: en
Alusdokumendid: EN ISO 80000-4:2019/prA1; ISO 80000-4:2019/DAmd 1:2024
Muudab dokumenti: EVS-EN ISO 80000-4:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-5:2019/prA1

Quantities and units - Part 5: Thermodynamics - Amendment 1 (ISO 80000-5:2019/DAamd1:2024)

Amendment to EN ISO 80000-5:2019

Keel: en
Alusdokumendid: EN ISO 80000-5:2019/prA1; ISO 80000-5:2019/DAamd1:2024
Muudab dokumenti: EVS-EN ISO 80000-5:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-8:2020/prA1

Quantities and units - Part 8: Acoustics - Amendment 1 (ISO 80000-5:2020/DAmd1:2024)

Amendment to EN ISO 80000-8:2020

Keel: en
Alusdokumendid: EN ISO 80000-8:2020/prA1; ISO 80000-5:2020/DAmd1:2024
Muudab dokumenti: EVS-EN ISO 80000-8:2020

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN ISO 80000-9:2019/prA1

Quantities and units - Part 9: Physical chemistry and molecular physics - Amendment 1 (ISO 80000-9:2019/DAmd1:2024)

Amendment to EN ISO 80000-9:2019

Keel: en
Alusdokumendid: EN ISO 80000-9:2019/prA1; ISO 80000-9:2019/DAmd1:2024
Muudab dokumenti: EVS-EN ISO 80000-9:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEVS-ISO 1087

Terminoloogiatöö ja terminoloogiateadus. Sõnastik
Terminology work and terminology science -- Vocabulary

See dokument kehtestab terminoloogiatöö ja terminiõpetuse põhiterminid ja määratlused. Ta ei sisalda termineid ja määratlusi, mis on omased terminoloogiatöös kasutatavatele arvutirakendustele.

Keel: en
Alusdokumendid: ISO 1087:2019
Asendab dokumenti: EVS-ISO 1087-1:2002

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEVS-ISO 11620

Informatsioon ja dokumentatsioon. Raamatukogu tulemusindikaatorid
Information and documentation - Library performance indicators (ISO 11620:2014)

Selles dokumendis on kindlaks määratud raamatukogu tulemusindikaatorile esitatavad nõuded ja kehtestatud valik indikaatoreid, mida saab kasutada kõikides raamatukogudes. Peale selle on antud juhiseid tulemusindikaatorite rakendamiseks raamatukogudes, kus neid seni kasutatud pole. See dokument on rakendatav kõigis maades igat tüüpi raamatukogudes. Kõik tulemusindikaatorid pole siiski kasutatavad kõigis raamatukogudes. Rakendamise piirangud on loetletud iga indikaatori kirjelduses kasutusala punkti all (vt lisa A). Dokumendis esitatakse tulemusindikaatorite standardnimetused ja lühikesed määratlused. Edasi kirjeldatakse indikaatoreid ning vajalike andmete kogumist ja analüüsi lähemalt. Dokumendiga ei välistata nende tulemusindikaatorite kasutamist, mida selles pole kirjeldatud.

Keel: en
Alusdokumendid: ISO 11620:2023
Asendab dokumenti: EVS-ISO 11620:2015

Arvamusküsitluse lõppkuupäev: 31.10.2024

11 TERVISEHOOLDUS

EN ISO 7376:2020/prA1

Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation - Amendment 1: Clarification about optical output and illumination requirements (ISO 7376:2020/DAmd1:2024)

Amendment to EN ISO 7376:2020

Keel: en
Alusdokumendid: ISO 7376:2020/DAmd 1; EN ISO 7376:2020/prA1
Muudab dokumenti: EVS-EN ISO 7376:2020

Arvamusküsitluse lõppkuupäev: 31.10.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 13946

Water quality - Guidance standard for the routine sampling and preparation of benthic diatoms from rivers and lakes

This document specifies a method for the sampling and laboratory preparation of benthic diatoms for ecological status and water quality assessments. The sampling and preparation procedures described can be used for later investigations using either light microscopy or molecular methods. Data produced by this method are suitable for production of indices based on the relative abundance of taxa. Analysis using molecular methods is not within the scope of the document.

Keel: en
Alusdokumendid: prEN 13946
Asendab dokumenti: EVS-EN 13946:2014

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 15843

Water quality - Guidance standard on determining the degree of modification of river hydromorphology

This document provides guidance on characterizing the modifications of river hydromorphological features described in EN 14614:2020. Both standards focus more on morphology than on hydrology and continuity, and include a consideration of sediment and vegetation. This document will enable consistent comparisons of hydromorphological forms and processes between rivers within a country and between different countries in Europe, providing guidance for broad-based characterization across a wide spectrum of hydromorphological modification of river channels, banks, riparian zones and floodplains. Although of lesser focus, it considers the indirect effects of catchment-wide modifications to these river and floodplain environments. Its primary aim is to assess ‘departure from naturalness’ as a result of historical and modern human pressures on river hydromorphology, and it suggests suitable sources of information (see EN 14614:2020, Table A.1) which may contribute to characterizing the modification of hydromorphological properties. In doing so, it does not replace methods that have been developed for local assessment and reporting. Decisions on river management for individual reaches or catchments require expert local knowledge and vary according to river type.

Keel: en
Alusdokumendid: prEN 15843
Asendab dokumenti: EVS-EN 15843:2010

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60335-2-120:2024

Household and similar electrical appliances - Safety - Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols

This standard deals with the safety of appliances for generation of directly inhalable aerosols, their rated voltage being not more than 250 V for single-phase appliances, and other appliances including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-120:2024; IEC 60335-2-120:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60335-2-120:2024/prAA:2024

Household and similar electrical appliances - Safety - Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols

This Standard deals with the safety of appliances for generation of directly inhalable aerosols, their rated voltage being not more than 250 V for single-phase appliances, and other appliances including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-120:2024/prAA:2024
Muudab dokumenti: prEN IEC 60335-2-120:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 11465

Sludge, treated biowaste, soil and waste - Determination of dry residue or water content and calculation of the dry matter fraction on a mass basis (ISO/DIS 11465:2024)

The method specified can be applied to all types of soil samples. Different procedures are specified for air-dried soil samples, e.g. samples pretreated according to ISO 11464, and for field-moist soil samples. Its principle is drying soil samples to constant mass at 105 °C and using the difference in mass of an amount of soil before and after the drying procedure to calculate the dry matter and water contents on a mass basis. For the determination of soil water content on a volume basis, refer to ISO 11461.

Keel: en
Alusdokumendid: ISO/DIS 11465; prEN ISO 11465

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 17601

Soil quality - Estimation of abundance of selected microbial gene sequences by quantitative PCR from DNA directly extracted from soil (ISO/DIS 17601:2024)

ISO 17601:2016 specifies the crucial steps of a quantitative real-time polymerase chain reaction (qPCR) method to measure the abundance of selected microbial gene sequences from soil DNA extract which provides an estimation of selected microbial groups. It is noteworthy that the number of genes is not necessarily directly linked to the number of organisms that are measured. For example, the number of ribosomal operon is ranging from one copy to 20 copies in different bacterial phyla. Therefore, the number of 16S rRNA sequences quantified from soil DNA extracts does not give an exact estimate of the number of soil bacteria. Furthermore, the number of sequences is not necessarily linked to living microorganisms and can comprise sequences amplified from dead microorganisms.

Keel: en
Alusdokumendid: ISO/DIS 17601; prEN ISO 17601
Asendab dokumenti: EVS-EN ISO 17601:2018

Arvamusküsitluse lõppkuupäev: 31.10.2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 2361

Electrodeposited nickel coatings on magnetic and non-magnetic substrates - Measurement of coating thickness - Magnetic method (ISO/DIS 2361:2024)

This second edition cancels and replaces the first edition (i. e. ISO 2361:1972). Specifies the method of using coating thickness instruments of the magnetic type ror non-destructive measurements of the thickness. The method may nkot be applicable to autocatalytic (electroless) nickel coatings. For the purpose of this Standasd, two types of nickel coating are disringuished: coatings on magnetic substrates and on non-magnetic substrates.

Keel: en
Alusdokumendid: ISO/DIS 2361; prEN ISO 2361
Asendab dokumenti: EVS-EN ISO 2361:1999

Arvamusküsitluse lõppkuupäev: 31.10.2024

19 KATSETAMINE

prEN IEC 60068-2-88:2024

Environmental testing - Part 2-88: Tests - Test xd: Resistance of components and assemblies to liquid cleaning media

This part of IEC 60068-2 establishes test methods for the resistance of electronic and electromechanical components, unpopulated circuit boards and assemblies to liquid cleaning media and cleaning processes, which are agreed between user and supplier for applications, where cleaning is required. These tests are not applicable to components, unpopulated circuit boards and assemblies, which are not intended to be subjected to cleaning processes. Tests XD1 and XD2 primarily are intended for qualification testing of components and unpopulated circuit boards suitable for cleaning processes, but can be adopted as well to testing of material compatibility and specific cleaning media used in manufacturing processes of components and unpopulated circuit boards. Test XD3 is intended to determine the resistance of electronic assemblies suitable for cleaning processes to the various cleaning processes to which they are exposed during manufacturing, including the effects of assembly and soldering processes.

Keel: en
Alusdokumendid: 91/1964/CDV; prEN IEC 60068-2-88:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

25 TOOTMISTEHNOLOOGIA

prEN 12814-1

Testing of welded joints of thermoplastics semi-finished products - Part 1: Bend test

This document specifies the dimensions and the method for sampling and preparing test specimens, together with the conditions for carrying out the bend test. The result of the test is also influenced by the deformation behaviour of the tested material, the kind of welding process and the geometry of the sample. The test is applicable to plate and tube butt jointed assemblies made from thermoplastic materials filled or unfilled, but not reinforced, irrespective of the welding process used. It is not applicable to assemblies with a wall thickness < 3 mm.

Keel: en
Alusdokumendid: prEN 12814-1
Asendab dokumenti: EVS-EN 12814-1:2000

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 12814-5

Testing of welded joints of thermoplastics semi-finished products - Part 5: Macroscopic examination

This document specifies the cutting and preparation of test specimens and the conditions for performing the macroscopic examination of the test specimens. The test is applicable to welded assemblies made from thermoplastics materials filled or unfilled, using the following processes: - hot gas welding: round nozzle, high speed nozzle, wedge; - extrusion welding; - heated tool welding: butt, saddle, socket, wedge; - electrofusion welding: socket, saddle.

Keel: en
Alusdokumendid: prEN 12814-5
Asendab dokumenti: EVS-EN 12814-5:2000

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 11127-8

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 8: Field determination of water-soluble chlorides (ISO 11127-8:2020)

This document specifies a field method for the determination of water-soluble chlorides in non-metallic blast-cleaning abrasives. This field method is provided as a kit with all components and premeasured extraction solution. This document differs from ISO 11127-7 in that equal volumes of the sample of abrasive and extraction solution are used for the determination of chloride level in the abrasive. In comparison, ISO 11127-7 uses a weight to volume ratio of abrasive to solvent (deionized water) to extract soluble salts from the abrasive. It is intended for use in the field as compared to ISO 11127-7, which is well suited for use in the laboratory.

Keel: en
Alusdokumendid: ISO 11127-8:2020; prEN ISO 11127-8

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 5821

Resistance welding - Spot welding electrodes - Female electrode caps (ISO/DIS 5821:2024)

ISO 5821:2009 specifies the dimensions and tolerances of resistance spot welding electrode caps, where a female taper is used to fix the cap to an electrode adaptor. ISO 5821:2009 applies only to electrode caps for which the electrode force given for diameters 13 mm, 16mm and 20 mm (taper 1:10) and for diameters 12,7 mm, 15,8 mm and 19,1 mm (taper 1:9,6) is not exceeded.

Keel: en
Alusdokumendid: ISO/DIS 5821; prEN ISO 5821

Asendab dokumenti: EVS-EN ISO 5821:2010

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 8502-15

Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 15: Extraction of soluble contaminants for analysis by acid extraction (ISO 8502-15:2020)

This document specifies a method of extracting, for analysis, acid soluble contaminants from a surface by use of flexible cells in the form of adhesive patches or sleeves which can be attached to any surface, regardless of its shape (flat or curved) and its orientation (facing in any direction, including downwards). The described method is suitable for use in the field to determine the presence of acid soluble contaminants before painting or a similar treatment. This document does not cover the subsequent analysis of the contaminants that have been dissolved off. Methods of analysis suitable for field use are described in other parts of ISO 8502 such as ISO 8502-5. This document is similar in procedure to, but not equal to, ISO 8502-6. The main difference is the solvent used and the subsequent analysis that can be performed on the extraction solution.

Keel: en
Alusdokumendid: ISO 8502-15:2020; prEN ISO 8502-15

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 8504-4

Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 4: Acid pickling (ISO 8504-4:2022)

This document describes the typical method for acid pickling generally used in a shop facility for the preparation of steel substrates before application of paints and related products. It is in general applicable to new steelwork. This method is essentially intended to remove rust and mill scale. Typically, only slight oil residues can be removed during this process. It can be used on steel surfaces that are easily deformed by abrasive blasting.

Keel: en
Alusdokumendid: ISO 8504-4:2022; prEN ISO 8504-4

Arvamusküsitluse lõppkuupäev: 31.10.2024

29 ELEKTROTEHNIKA

prEN IEC 60072-2:2024

Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1000 and flange numbers 1180 to 2360

This part of IEC 60072-2 covers the majority of rotating electrical machines for industrial purposes within the dimension range and output powers: Foot-mounted: shaft heights: 355 mm to 1000 mm Flange-mounted: pitch circle diameter of flange: 1180 mm to 2360 mm It gives tables of fixing dimension, shaft extension dimensions and their tolerances. However, the variety of construction and the wide range of applications for the large machines with shaft heights above 315 mm have led to the establishment of a relatively large number of values for the dimension in order to cover all possible constructions. Owing to this, the present part covers a wider range than IEC 60072-1 within which, range values suitable for all designs or for a more detailed standardization can be chosen. Note: the mounting dimensions given in this part for shaft heights 355 mm and 400 mm have been chosen from values given in IEC 60072-1

Keel: en
Alusdokumendid: 2/2208/CDV; prEN IEC 60072-2:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60127-9:2024

Miniature fuses - Part 9: Miniature fuse-links for special applications with partial-range breaking capacity

This part of IEC 60127 covers requirements for miniature fuse-links for special applications with partial-range breaking capacity. This part of IEC 60127 is applicable to fuse-links with a rated voltage not exceeding 1 000 V, a rated current not exceeding 150 A and a rated breaking capacity not exceeding 50 kA. Miniature fuse-links with partial-range breaking capacity are used only to operate under short circuit conditions. They cannot be applied under overload conditions. The design engineer needs to ensure no overload conditions can be seen by the fuse approved under IEC 60127-9. This part of IEC 60127 does not apply to fuses completely covered by IEC 60127-7 as well as the subsequent parts of IEC 60269-1. It does not apply to miniature fuse-links for appliances intended to be used under special conditions, such as in corrosive or explosive atmospheres. This part of IEC 60127 applies in addition to the requirements of IEC 60127-1. Miniature fuse-links for special applications with partial-range breaking capacity are not intended to be replaced by the end-user of an electrical / electronic appliance. The object of this part of IEC 60127 is to establish uniform test methods for miniature fuse-links for special applications with partial-range breaking capacity, so as to allow verification of the values (for example melting time and breaking capacity values) specified by the manufacturer.

Keel: en
Alusdokumendid: 32C/644/CDV; prEN IEC 60127-9:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60947-5-5:2024

Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function

This part of IEC 60947-5 provides detailed specifications relating to the electrical and mechanical construction of emergency stop devices with mechanical latching function and to their testing. This standard is applicable to electrical control circuit devices and switching elements which are used to initiate an emergency stop signal. Such devices can be provided with their own enclosure and shall be installed according to the product documentation. This standard does not apply to: – emergency stop devices for non-electrical control applications, for example hydraulic or pneumatic; – emergency stop devices without mechanical latching function. An emergency stop device conforming to this document can also be used as part of an emergency switching off means in compliance with IEC 60364-5-53. NOTE See also 9.2.3.4 of IEC 60204-1:2016+AMD1:2021. This standard does not deal with any specific requirements on acoustic noise as the noise emission of electrical emergency stop devices with mechanical latching function is not considered to be a relevant hazard.

Keel: en
Alusdokumendid: 121A/612/CDV; prEN IEC 60947-5-5:2024
Asendab dokumenti: EVS-EN 60947-5-5:2001
Asendab dokumenti: EVS-EN 60947-5-5:2001/A1:2005
Asendab dokumenti: EVS-EN 60947-5-5:2001/A11:2013
Asendab dokumenti: EVS-EN 60947-5-5:2001/A2:2017

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 63119-1:2024

Information exchange for electric vehicle charging roaming service - Part 1: General

This part of IEC 63119 establishes a basis for the other parts of IEC 63119, specifying the terms and definitions, general description of the system model, classification, information exchange and security mechanisms for roaming between EV charge service providers (CSPs), charging station operators (CSOs) and clearing house platforms through roaming endpoints. It provides an overview and describes the general requirements of the EV roaming service system. IEC 63119 (all parts) is applicable to high-level communication involved in information exchange/interaction between different CSPs, as well as between a CSP and a CSO with or without a clearing house platform through the roaming endpoint. IEC 63119 (all parts) does not specify the information exchange, either between the charging station (CS) and the charging station operator (CSO), or between the EV and the CS.

Keel: en
Alusdokumendid: 69/972/CDV; prEN IEC 63119-1:2024
Asendab dokumenti: EVS-EN IEC 63119-1:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

31 ELEKTROONIKA

prEN IEC 60068-2-88:2024

Environmental testing - Part 2-88: Tests - Test xd: Resistance of components and assemblies to liquid cleaning media

This part of IEC 60068-2 establishes test methods for the resistance of electronic and electromechanical components, unpopulated circuit boards and assemblies to liquid cleaning media and cleaning processes, which are agreed between user and supplier for applications, where cleaning is required. These tests are not applicable to components, unpopulated circuit boards and assemblies, which are not intended to be subjected to cleaning processes. Tests XD1 and XD2 primarily are intended for qualification testing of components and unpopulated circuit boards suitable for cleaning processes, but can be adopted as well to testing of material compatibility and specific cleaning media used in manufacturing processes of components and unpopulated circuit boards. Test XD3 is intended to determine the resistance of electronic assemblies suitable for cleaning processes to the various cleaning processes to which they are exposed during manufacturing, including the effects of assembly and soldering processes.

Keel: en
Alusdokumendid: 91/1964/CDV; prEN IEC 60068-2-88:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60122-2:2024

Quartz crystal units of assessed quality - Part 2: Guidelines for the use

This part of IEC 60122 has been compiled in response to a generally expressed desire on the part of both users and manufacturers for a guide to the use of quartz crystal units for filters and oscillators so that the crystal units may be used to their best advantage. It draws attention to some of the more fundamental questions which should be considered by the user before it places its order for a unit for a new application, and in so doing will, it is hoped, help ensure against unsatisfactory performance, unfavourable cost and non-availability. It is not the function of this standard to explain theory, nor to attempt to cover all the eventualities that may arise in practical circumstances. Lastly, it should not be considered as a substitute for close liaison between manufacturer and user. Standard specifications, such as those of the IEC of which this guide forms a part, and national specifications or detail specifications issued by manufacturers, will define the available combinations of the resonant characteristics and the temperature characteristic. These specifications are compiled to include a wide range of quartz crystal units with standardized performances. It cannot be over-emphasized that the user should, wherever possible, select the quartz crystal units from these specifications, when available, even if it may lead to making small modifications to the circuit to enable the use of standard resonators. This applies particularly to the selection of the nominal frequency.

Keel: en

Alusdokumendid: 49/1461/CDV; prEN IEC 60122-2:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

33 SIDETEHNIKA

EN IEC 61300-2-5:2022/prA1:2024

Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion

Amendment to EN IEC 61300-2-5:2022

Keel: en
Alusdokumendid: 86B/4938/CDV; EN IEC 61300-2-5:2022/prA1:2024
Muudab dokumenti: EVS-EN IEC 61300-2-5:2022

Arvamusküsitluse lõppkuupäev: 31.10.2024

EN IEC 61300-3-7:2021/prA1:2024

Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-7: Examinations and measurements - Wavelength dependence of attenuation and return loss of single mode components

Amendment to EN IEC 61300-3-7:2021

Keel: en
Alusdokumendid: 86B/4939/CDV; EN IEC 61300-3-7:2021/prA1:2024
Muudab dokumenti: EVS-EN IEC 61300-3-7:2021

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 13757-4

Communication systems for meters - Part 4: Wireless M-Bus communication

This document specifies the requirements of parameters for the physical and the link layer for systems using radio to remotely read meters. The primary focus is to use the Short Range Device (SRD) unlicensed bands. The standard encompasses systems for walk-by, drive-by and fixed installations. As a broad definition, this document can be applied to various application layers.

Keel: en
Alusdokumendid: prEN 13757-4
Asendab dokumenti: EVS-EN 13757-4:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 319 412-4 V1.3.2

Electronic Signatures and Trust Infrastructures (ESI); Certificate Profiles; Part 4: Certificate profile for web site certificates

The present document specifies a certificate profile for web site certificates that are accessed by the TLS protocol. The profile defined in the present document builds on the CA/Browser Forum Baseline requirements, Extended validation guidelines and other parts of the present multi-part deliverable. The present document focuses on requirements on certificate content. Requirements on decoding and processing rules are limited to aspects required to process certificate content defined in the present document. Further processing requirements are only specified for cases where it adds information that is necessary for the sake of interoperability. This profile can be used for legal and natural persons. For certificates issued to legal persons, the profile builds on the CAB Forum EV Profile or baseline requirements. For certificates issued to natural persons, the profile builds only on CAB Forum baseline requirements.

Keel: en
Alusdokumendid: Draft ETSI EN 319 412-4 V1.3.2

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60794-1-119:2024

Optical fibre cables - Part 1-119: Generic specification - Basic optical cable test procedures - Aeolian vibration, method e19

This part of IEC 60794 applies to aerial optical fibre cables like ADSS, OPGW and OPPC that might be exposed to aeolian vibrations. The object of this standard is to define test procedures to be used in establishing uniform requirements for mechanical performance – aeolian vibration. 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/2484/CDV; prEN IEC 60794-1-119:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 63315:2024

Audio/video, information and communication technology equipment - Safety - DC power transfer between ICT equipment ports using ICT wiring and cables at ≤ 60 v DC

This document applies to any equipment intended to supply and/or receive charging and/or operating power from Information and Communication Technology (ICT) interfaces using ICT wiring or cables. It covers particular requirements for circuits that are designed to transfer DC power through an ICT interface from a power sourcing equipment (PSE (3.2)) to a powered device (PD (3.3)) for equipment that uses rated interfaces at voltage not exceeding 60 V DC and PS2 or PS3. Examples of equipment interfaces that are considered to be within the scope of this document: – PoE – USB – HDMI – etc. NOTE 1 Any wiring or cable that permits DC power transfer between ICT equipment is considered a communication cable or ICT cable even if communication does not take place on the conductors. For example, a USB cable can be used just to recharge a portable device battery. PSE (3.2) and PD (3.3) using other power delivery specifications (3.1) that differ from the industry standard power delivery specification (3.1) defined for use with the industry standard connector are in scope of this document. Non-static power sources (3.12) and static power sources (3.13) are covered in this document. Unless otherwise stated, this document does not cover: – power sources with output connectors not associated with a local ICT interface (3.9) or remote ICT interface (3.11); – power sources with custom connectors that are not interchangeable with common ICT interface connectors; – non-static power sources (3.12) which can deliver power to multiple PDs (3.3) through a single port or cable simultaneously; – power sources with only wireless power transfer; – power sources which utilize a wireless communication protocol (3.10) to control the power transfer through a physical cable connection. – remote feeding telecommunication (RFT) circuits and other specific communication technologies within the scope of IEC 63316. NOTE 2 A custom connector is a connector that is not used with an industry communication standard. NOTE 3 Bluetooth® is an example of a wireless communication protocol (3.10) to control the power transfer through a physical cable connection. Refer to Annex E for examples of common interfaces which are in or out of scope of this document.

Keel: en
Alusdokumendid: 108/828/CDV; prEN IEC 63315:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

35 INFOTEHNOLOOGIA

prEN 13757-4

Communication systems for meters - Part 4: Wireless M-Bus communication

This document specifies the requirements of parameters for the physical and the link layer for systems using radio to remotely read meters. The primary focus is to use the Short Range Device (SRD) unlicensed bands. The standard encompasses systems for walk-by, drive-by and fixed installations. As a broad definition, this document can be applied to various application layers.

Keel: en
Alusdokumendid: prEN 13757-4
Asendab dokumenti: EVS-EN 13757-4:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 17016-2

Electronic Public Procurement - Ordering - Part 2: Transactions

This document describes the transaction information requirements of the transactions used in the collaborations described in EN 17016-1:2024, Electronic Public Procurement - Ordering - Part 1: Choreographies. For each transaction are specified the transaction business requirements, the transaction information data model containing definitions of terms, usage descriptions and cardinality of the information elements and the transaction business rules. This document describes the following transactions: 1) Order; 2) Order Change; 3) Order Cancellation; 4) Order Response Simple 5) Order Confirmation; 6) Order Rejection; 7) Order Response; 8) Order Change Confirmation; 9) Order Change Rejection; 10) Order Cancellation Confirmation; 11) Order Cancellation Rejection; 12) Order Agreement. The identifier of this transactions document is EN 17016-2:20XX. How to claim compliance to a transaction is specified in Clause 6. How to claim conformance to a transaction is also specified in Clause 6.

Keel: en
Alusdokumendid: prEN 17016-2

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 63119-1:2024

Information exchange for electric vehicle charging roaming service - Part 1: General

This part of IEC 63119 establishes a basis for the other parts of IEC 63119, specifying the terms and definitions, general description of the system model, classification, information exchange and security mechanisms for roaming between EV charge service providers (CSPs), charging station operators (CSOs) and clearing house platforms through roaming endpoints. It provides an overview and describes the general requirements of the EV roaming service system. IEC 63119 (all parts) is applicable to high-level communication involved in information exchange/interaction between different CSPs, as well as between a CSP and a CSO with or without a clearing house platform through the roaming endpoint. IEC 63119 (all parts) does not specify the information exchange, either between the charging station (CS) and the charging station operator (CSO), or between the EV and the CS.

Keel: en
Alusdokumendid: 69/972/CDV; prEN IEC 63119-1:2024
Asendab dokumenti: EVS-EN IEC 63119-1:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 63315:2024

Audio/video, information and communication technology equipment - Safety - DC power transfer between ICT equipment ports using ICT wiring and cables at ≤ 60 v DC

This document applies to any equipment intended to supply and/or receive charging and/or operating power from Information and Communication Technology (ICT) interfaces using ICT wiring or cables. It covers particular requirements for circuits that are designed to transfer DC power through an ICT interface from a power sourcing equipment (PSE (3.2)) to a powered device (PD (3.3)) for equipment that uses rated interfaces at voltage not exceeding 60 V DC and PS2 or PS3. Examples of equipment interfaces that are considered to be within the scope of this document: – PoE – USB – HDMI – etc. NOTE 1 Any wiring or cable that permits DC power transfer between ICT equipment is considered a communication cable or ICT cable even if communication does not take place on the conductors. For example, a USB cable can be used just to recharge a portable device battery. PSE (3.2) and PD (3.3) using other power delivery specifications (3.1) that differ from the industry standard power delivery specification (3.1) defined for use with the industry standard connector are in scope of this document. Non-static power sources (3.12) and static power sources (3.13) are covered in this document. Unless otherwise stated, this document does not cover: – power sources with output connectors not associated with a local ICT interface (3.9) or remote ICT interface (3.11); – power sources with custom connectors that are not interchangeable with common ICT interface connectors; – non-static power sources (3.12) which can deliver power to multiple PDs (3.3) through a single port or cable simultaneously; – power sources with only wireless power transfer; – power sources which utilize a wireless communication protocol (3.10) to control the power transfer through a physical cable connection. – remote feeding telecommunication (RFT) circuits and other specific communication technologies within the scope of IEC 63316. NOTE 2 A custom connector is a connector that is not used with an industry communication standard. NOTE 3 Bluetooth® is an example of a wireless communication protocol (3.10) to control the power transfer through a physical cable connection. Refer to Annex E for examples of common interfaces which are in or out of scope of this document.

Keel: en
Alusdokumendid: 108/828/CDV; prEN IEC 63315:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO/IEC 15408-1

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 1: Introduction and general model (ISO/IEC DIS 15408-1:2024)

This document establishes the general concepts and principles of IT security evaluation and specifies the general model of evaluation given by various parts of the standard which in its entirety is meant to be used as the basis for evaluation of security properties of IT products. This document provides an overview of all parts of the ISO/IEC 15408 series. It describes the various parts of the ISO/IEC 15408 series; defines the terms and abbreviations to be used in all parts of the standard; establishes the core concept of a Target of Evaluation (TOE); describes the evaluation context and describes the audience to which the evaluation criteria is addressed. An introduction to the basic security concepts necessary for evaluation of IT products is given. This document introduces: — the key concepts of Protection Profiles (PP), PP-Modules, PP-Configurations, packages, Security Targets (ST), and conformance types; — a description of the organization of security components throughout the model; — the various operations by which the functional and assurance components given in ISO/IEC 15408-2 and ISO/IEC 15408-3 can be tailored through the use of permitted operations; — general information about the evaluation methods given in ISO/IEC 18045; — guidance for the application of ISO/IEC 15408-4 in order to develop evaluation methods (EM) and evaluation activities (EA) derived from ISO/IEC 18045; — general information about the pre-defined Evaluation Assurance Levels (EALs) defined in ISO/IEC 15408-5; — information in regard to the scope of evaluation schemes.

Keel: en
Alusdokumendid: ISO/IEC DIS 15408-1; prEN ISO/IEC 15408-1
Asendab dokumenti: EVS-EN ISO/IEC 15408-1:2023

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO/IEC 15408-2

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 2: Security functional components (ISO/IEC DIS 15408-2:2024)

This document defines the required structure and content of security functional components for the purpose of security evaluation. It includes a catalogue of functional components that meets the common security functionality requirements of many IT products.

Keel: en
Alusdokumendid: ISO/IEC DIS 15408-2; prEN ISO/IEC 15408-2
Asendab dokumenti: EVS-EN ISO/IEC 15408-2:2023

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO/IEC 15408-3

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 3: Security assurance components (ISO/IEC DIS 15408-3:2024)

This document defines the assurance requirements of the ISO/IEC 15408 series. It includes the individual assurance components from which the evaluation assurance levels and other packages contained in ISO/IEC 15408-5 are composed, and the criteria for evaluation of Protection Profiles (PPs), PP-Configurations, PP-Modules, and Security Targets (STs).

Keel: en
Alusdokumendid: ISO/IEC DIS 15408-3; prEN ISO/IEC 15408-3
Asendab dokumenti: EVS-EN ISO/IEC 15408-3:2023

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO/IEC 15408-4

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 4: Framework for the specification of evaluation methods and activities (ISO/IEC DIS 15408-4:2024)

This document provides a standardized framework for specifying objective, repeatable and reproducible evaluation methods and evaluation activities. This document does not specify how to evaluate, adopt, or maintain evaluation methods and evaluation activities. These aspects are a matter for those originating the evaluation methods and evaluation activities in their particular area of interest.

Keel: en
Alusdokumendid: ISO/IEC DIS 15408-4; prEN ISO/IEC 15408-4
Asendab dokumenti: EVS-EN ISO/IEC 15408-4:2023

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO/IEC 15408-5

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 5: Pre-defined packages of security requirements (ISO/IEC DIS 15408-5:2024)

This document provides packages of security assurance and security functional requirements that have been identified as useful in support of common usage by stakeholders. EXAMPLE Examples of provided packages include the evaluation assurance levels (EAL) and the composed assurance packages (CAPs). This document presents: — evaluation assurance level (EAL) family of packages that specify pre-defined sets of security assurance components that may be referenced in PPs and STs and which specify appropriate security assurances to be provided during an evaluation of a target of evaluation (TOE); — composition assurance (CAP) family of packages that specify sets of security assurance components used for specifying appropriate security assurances to be provided during an evaluation of composed TOEs; — composite product (COMP) package that specifies a set of security assurance components used for specifying appropriate security assurances to be provided during an evaluation of a composite product TOEs; — protection profile assurance (PPA) family of packages that specify sets of security assurance components used for specifying appropriate security assurances to be provided during a protection profile evaluation; — security target assurance (STA) family of packages that specify sets of security assurance components used for specifying appropriate security assurances to be provided during a security target evaluation. The users of this document can include consumers, developers, and evaluators of secure IT products.

Keel: en
Alusdokumendid: ISO/IEC DIS 15408-5; prEN ISO/IEC 15408-5
Asendab dokumenti: EVS-EN ISO/IEC 15408-5:2023

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO/IEC 18045

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Methodology for IT security evaluation (ISO/IEC DIS 18045:2024)

This document defines the minimum actions to be performed by an evaluator in order to conduct an ISO/IEC 15408 series evaluation, using the criteria and evaluation evidence defined in the ISO/IEC 15408 series.

Keel: en
Alusdokumendid: ISO/IEC DIS 18045; prEN ISO/IEC 18045
Asendab dokumenti: EVS-EN ISO/IEC 18045:2023

Arvamusküsitluse lõppkuupäev: 31.10.2024

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 63119-1:2024

Information exchange for electric vehicle charging roaming service - Part 1: General

This part of IEC 63119 establishes a basis for the other parts of IEC 63119, specifying the terms and definitions, general description of the system model, classification, information exchange and security mechanisms for roaming between EV charge service providers (CSPs), charging station operators (CSOs) and clearing house platforms through roaming endpoints. It provides an overview and describes the general requirements of the EV roaming service system. IEC 63119 (all parts) is applicable to high-level communication involved in information exchange/interaction between different CSPs, as well as between a CSP and a CSO with or without a clearing house platform through the roaming endpoint. IEC 63119 (all parts) does not specify the information exchange, either between the charging station (CS) and the charging station operator (CSO), or between the EV and the CS.

Keel: en
Alusdokumendid: 69/972/CDV; prEN IEC 63119-1:2024
Asendab dokumenti: EVS-EN IEC 63119-1:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

45 RAUDTEETEHNIKA

EN 50463-4:2017/prA1:2024
Railway applications - Energy measurement on board trains - Part 4: Communication

Amendment to EN 50463-4 in order to update the reference to prEN 61375-2-6:2016 following the publication of the EN 61375-2-6:2018.

Keel: en
Alusdokumendid: EN 50463-4:2017/prA1:2024
Muudab dokumenti: EVS-EN 50463-4:2017

Arvamusküsitluse lõppkuupäev: 31.10.2024

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 3750
Aerospace series - Nut, anchor, self-locking, fixed, 90° corner, reduced series, with counterbore, in heat resisting steel, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature) / 315 °C

This document specifies the characteristics of 90° corner, reduced series, counterbored fixed anchor nuts, with a self-locking feature achieved by forming the upper portion out-of-round, in heat resisting steel, MoS2 lubricated. Classification: 1 100 MPa / 315 °C .

Keel: en
Alusdokumendid: prEN 3750
Asendab dokumenti: EVS-EN 3750:2010

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 6122
Aerospace series - Blind bolt, 130° flush head, high strength

This document specifies the configuration, dimensions, tolerances and mass of a stainless steel and titanium blind bolt with 130° flush head for aerospace application.

Keel: en
Alusdokumendid: prEN 6122

Arvamusküsitluse lõppkuupäev: 31.10.2024

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 18862
Coffee and coffee products - Determination of acrylamide - Methods using HPLC-MS/MS and GC-MS after derivatization (ISO/DIS 18862:2024)

ISO 18862:2016 specifies methods for the determination of acrylamide in coffee and coffee products by extraction with water, clean-up by solid-phase extraction and determination by HPLC-MS/MS and GC-MS. It was validated in a method validation study on roasted coffee, soluble coffee, coffee substitutes and coffee products with ranges from 53 µg/kg to 612,1 µg/kg.

Keel: en
Alusdokumendid: ISO/DIS 18862; prEN ISO 18862
Asendab dokumenti: EVS-EN ISO 18862:2019

Arvamusküsitluse lõppkuupäev: 31.10.2024

71 KEEMILINE TEHNOLOOGIA

prEN 17422
Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of teat disinfectants used in the veterinary area - Test method and requirements (phase 2 step 2)

This document specifies a test method and the minimum requirements for bactericidal activity of teat disinfectants that form a homogeneous, physically stable preparation when diluted with hard water or - in the case of ready-to-use products - with water. This method applies to teat disinfectants that are used on teat skin without mechanical action as pre-milking and/or post-milking teat disinfectants in the veterinary area, e.g. in the breeding, husbandry, production, veterinary care facilities, transport and disposal of all animals except when in the food chain following death and entry into processing industry. NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used. NOTE 2 This method corresponds to a phase 2 step 2 test.

Keel: en
Alusdokumendid: prEN 17422
Asendab dokumenti: EVS-EN 17422:2022

Arvamusküsitluse lõppkuupäev: 31.10.2024

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 19901-1

Oil and gas industries including lower carbon energy - Specific requirements for offshore structures - Part 1: Metocean design and operating considerations (ISO/DIS 19901-1:2024)

ISO 19901-1:2015 gives general requirements for the determination and use of meteorological and oceanographic (metocean) conditions for the design, construction and operation of offshore structures of all types used in the petroleum and natural gas industries. The requirements are divided into two broad types: - those that relate to the determination of environmental conditions in general, together with the metocean parameters that are required to adequately describe them; - those that relate to the characterization and use of metocean parameters for the design, the construction activities or the operation of offshore structures. The environmental conditions and metocean parameters discussed are: - extreme and abnormal values of metocean parameters that recur with given return periods that are considerably longer than the design service life of the structure, - long-term distributions of metocean parameters, in the form of cumulative, conditional, marginal or joint statistics of metocean parameters, and - normal environmental conditions that are expected to occur frequently during the design service life of the structure. Metocean parameters are applicable to: - the determination of actions for the design of new structures, - the determination of actions for the assessment of existing structures, - the site-specific assessment of mobile offshore units, - the determination of limiting environmental conditions, weather windows, actions and action effects for pre-service and post-service situations (i.e. fabrication, transportation and installation or decommissioning and removal of a structure), and - the operation of the platform, where appropriate. NOTE Specific metocean requirements for site-specific assessment of jack-ups are contained in ISO 19905-1, for arctic offshore structures in ISO 19906 and for topside structures in ISO 19901-3.

Keel: en
Alusdokumendid: ISO/DIS 19901-1; prEN ISO 19901-1
Asendab dokumenti: EVS-EN ISO 19901-1:2015

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 2719

Determination of flash point - Pensky-Martens closed cup method (ISO/DIS 2719:2024)

ISO 2719:2016 describes three procedures, A, B and C, using the Pensky-Martens closed cup tester, for determining the flash point of combustible liquids, liquids with suspended solids, liquids that tend to form a surface film under the test conditions, biodiesel and other liquids in the temperature range of 40 °C to 370 °C. CAUTION - For certain mixtures no flash point, as defined, is observed; instead a significant enlargement of the test flame (not halo effect) and a change in colour of the test flame from blue to yellowish-orange can occur. Continued heating can result in significant burning of vapours outside the test cup, and can be a potential fire hazard. NOTE 1 Although, technically, kerosene with a flash point above 40 °C can be tested using this International Standard, it is standard practice to test kerosene according to ISO 13736.[5] Similarly, lubricating oils are normally tested according to ISO 2592[2]. Procedure A is applicable to distillate fuels (diesel, biodiesel blends, heating oil and turbine fuels), new and in-use lubricating oils, paints and varnishes, and other homogeneous liquids not included in the scope of Procedures B or C. Procedure B is applicable to residual fuel oils, cutback residua, used lubricating oils, mixtures of liquids with solids, liquids that tend to form a surface film under test conditions or are of such kinematic viscosity that they are not uniformly heated under the stirring and heating conditions of Procedure A. Procedure C is applicable to fatty acid methyl esters (FAME) as specified in specifications such as EN 14214[11] or ASTM D6751[13]. ISO 2719:2016 is not applicable to water-borne paints and varnishes. NOTE 2 Water-borne paints and varnishes can be tested using ISO 3679[3]. Liquids containing traces of highly volatile materials can be tested using ISO 1523[1] or ISO 3679.

Keel: en
Alusdokumendid: ISO/DIS 2719; prEN ISO 2719
Asendab dokumenti: EVS-EN ISO 2719:2016
Asendab dokumenti: EVS-EN ISO 2719:2016/A1:2021
Asendab dokumenti: EVS-EN ISO 2719:2016+A1:2021

Arvamusküsitluse lõppkuupäev: 31.10.2024

77 METALLURGIA

prEN 10338

Hot rolled and cold rolled non-coated products of multiphase steels for cold forming - Technical delivery conditions

This document applies to hot rolled and cold rolled non-coated steel flat products made of multiphase steels for cold forming. It covers cold rolled products of thicknesses t < 3 mm and hot rolled products of thicknesses t ≤ 6,5 mm. These products are delivered in sheet, hot rolled strip, slit hot rolled strip, cold strip, slit cold rolled strip or cut lengths obtained from slit wide strip. Flat products of multiphase steels for cold forming can be delivered with an electrolytic zinc coating according to EN 10152.

Keel: en
Alusdokumendid: prEN 10338
Asendab dokumenti: EVS-EN 10338:2015

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 26203-1

Metallic materials - Tensile testing at high strain rates - Part 1: Elastic-bar-type systems (ISO/DIS 26203-1:2024)

ISO 26203-1:2018 specifies methods for testing metallic sheet materials to determine the stress-strain characteristics at high strain rates. This document covers the use of elastic-bar-type systems. The strain-rate range between 10−3 and 103 s−1 is considered to be the most relevant to vehicle crash events based on experimental and numerical calculations such as the finite element analysis (FEA) work for crashworthiness. In order to evaluate the crashworthiness of a vehicle with accuracy, reliable stress-strain characterization of metallic materials at strain rates higher than 10−3 s−1 is essential. This test method covers the strain-rate range above 102 s−1. NOTE 1 At strain rates lower than 10−1 s−1, a quasi-static tensile testing machine that is specified in ISO 7500-1 and ISO 6892-1 can be applied. NOTE 2 This testing method is also applicable to tensile test-piece geometries other than the flat test pieces considered here.

Keel: en
Alusdokumendid: ISO/DIS 26203-1; prEN ISO 26203-1
Asendab dokumenti: EVS-EN ISO 26203-1:2018

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN ISO 2738

Sintered metal materials, excluding hardmetals - Permeable sintered metal materials - Determination of density, oil content and open porosity (ISO/DIS 2738:2024)

This document specifies methods of determining the density, oil content and open porosity of permeable sintered metal materials. It applies in particular to porous metal bearings and to structural parts produced by pressing and sintering metal powders.

Keel: en
Alusdokumendid: prEN ISO 2738; ISO/DIS 2738:2024
Asendab dokumenti: EVS-EN ISO 2738:2000

Arvamusküsitluse lõppkuupäev: 31.10.2024

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 6270-2

Paints and varnishes - Determination of resistance to humidity - Part 2: Condensation (in-cabinet exposure with heated water reservoir) (ISO/DIS 6270-2:2024)

ISO 6270-2:2017 specifies the general conditions and procedures which need to be observed when testing coated test specimens in constant condensation-water atmospheres or in alternating condensation-water atmospheres, in order to ensure that the results of tests carried out in different laboratories are reproducible. NOTE The shape and preparation of the test specimens, the duration of the test and the assessment of the test results are not covered in this document.

Keel: en
Alusdokumendid: ISO/DIS 6270-2; prEN ISO 6270-2
Asendab dokumenti: EVS-EN ISO 6270-2:2018

Arvamusküsitluse lõppkuupäev: 31.10.2024

91 EHITUSMATERJALID JA EHITUS

EN 17526:2021/prA1

Gas meter - Thermal-mass flow-meter based gas meter

This document specifies requirements and tests for the construction, performance, safety and production of battery powered class 1,5 Capillary Thermal-Mass Flow sensor gas meters (hereinafter referred to as meter(s)). This applies to meters having co-axial single pipe, or two pipe connections, which are used to measure volumes of fuel gases of the 2nd and/or 3rd family, as given in EN 437:2018. In general, the term “thermal mass flow meters” applies to a flow-measuring device using heat transfer to measure and indicate gas flowrate, as defined in ISO 14511. NOTE 1 Although the word “mass” is present in the definition of the measurement principle, gas meters covered by this document provide measurement of gas at base conditions of temperature and pressure. These meters have a maximum working pressure not exceeding 0,5 bar and a maximum flowrate not exceeding 160 m3/h over a minimum ambient temperature range of −10 °C to +40 °C and a gas temperature range as specified by the manufacturer with a minimum range of 40 °C. This document applies to meters indicating volume at base conditions, which are installed in locations with vibration and shocks of low significance. It applies to meters in: - closed locations (indoor or outdoor with protection, as specified by the manufacturer) with condensing humidity or with non-condensing humidity; or, if specified by the manufacturer: - open locations (outdoor without any covering) both with condensing humidity or with non-condensing humidity; and in locations with electromagnetic disturbances likely to be found in residential, commercial and light industrial use. For meters which indicate unconverted volume, reference can be made to Annex C. Unless otherwise stated, all pressures given in this document are gauge pressures. Requirements for electronic indexes, valves and additional requirements for batteries incorporated in the meter and any other additional functionalities are given in EN 16314:2013. Unless otherwise stated in a particular test, the tests are carried out on meters that include additional functionality devices intended by the manufacturer. Clauses 1 to 13 are for design and type testing only.

Keel: en
Alusdokumendid: EN 17526:2021/prA1
Muudab dokumenti: EVS-EN 17526:2021

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 17625

Rooftop units - Testing and rating at standard rating conditions and part load conditions for calculation of seasonal performance

This document specifies the terms and definitions, the test conditions and the test methods of air-sourced and water-cooled roof-top units, driven by electric compressor(s), which may be equipped with a supplementary heater using electrical resistance or combustion of fossil fuel. This document covers roof-top units with 2, 3 or 4 dampers, including several features as the free-cooling, mixing air flows (on both sides) and heat recovery. This document deals with roof-top units providing space heating and/or cooling for comfort application. Process applications are not covered by this document. This document provides the part load conditions and the calculation methods taking into account roof-top units features for the determination of seasonal energy efficiency SEER and SEERon, seasonal space cooling energy efficiency ηs,c, seasonal coefficient of performance SCOP, SCOPon and SCOPnet, seasonal space heating energy efficiency ηs,h and the overall annual efficiency. Such calculation methods may be based on calculated or measured values. In case of measured values, this document covers the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also covers test methods for the determination of power input during thermostat-off mode, standby mode, off-mode and crankcase heater mode. A roof-top unit that is not using at least the thermodynamic cycle for space heating is considered as a cooling only unit. Roof-top units equipped with additional air heating and/or cooling heat exchangers will be rated without operation of these heat exchangers.

Keel: en
Alusdokumendid: prEN 17625

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 206-1

Concrete - Specification, performance, production and conformity - Part 1: Performance, requirements, factory production control and assessment criteria for individual values

(1) This document applies to concrete for structures cast in situ, precast structures, and structural precast products for buildings and civil engineering structures. (2) The concrete under this document can be: - normal-weight, heavy-weight and lightweight; - mixed on site, ready-mixed or produced in a plant for precast concrete products; - compacted or self-compacting to retain no appreciable amount of entrapped air other than entrained air. (3) This document specifies requirements for: - the constituents of concrete; - the properties of fresh and hardened concrete; - the limitations for concrete composition; - the specification of concrete; - the delivery of fresh concrete, - the production control procedures; - the assessment criteria for individual values. (4) This document does not apply to: - aerated concrete; - foamed concrete; - concrete with density less than 800 kg/m3; - refractory concrete. (5) This document does not cover health and safety requirements for the protection of workers during production and delivery of concrete.

Keel: en
Alusdokumendid: prEN 206-1
Asendab dokumenti: EVS-EN 206:2014+A2:2021

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 206-2

Concrete - Specification, performance, production and conformity - Part 2: Conformity assessment and certification

(1) This document specifies the scheme for the conformity assessment and assessment criteria for concrete. (2) The document provides technical rules for testing of samples and assessment of the performance of the concrete. It also provides rules for actions to be followed in the event of non-conformity of the product or negative assessment. (3) In this document, the word “concrete” is used to refer concrete as defined in prEN 206 1. Such a concrete is produced at a given plant and belongs to a particular type and a particular strength class, as defined and specified in prEN 206 1.

Keel: en
Alusdokumendid: prEN 206-2
Asendab dokumenti: EVS-EN 206:2014+A2:2021

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN 206-3

Concrete - Specification, performance, production and conformity - Part 3: Additional requirements for specification and conformity of concrete for special geotechnical works

(1) This document specifies additional requirements to prEN 206 1 for the constituents, specification and conformity control of concrete used in: - bored piles constructed in accordance with EN 1536; - diaphragm walls constructed in accordance with EN 1538; - cast-in-place displacement piles constructed in accordance with EN 12699; - micropiles constructed in accordance with EN 14199. (2) The requirements provided in this document are specified in accordance with prEN 206 1:2024, 7.2 Specifications for designed concrete. (3) This document can also apply to applications in special geotechnical works other than those listed above. NOTE 1 For special geotechnical works provisions on cement, minimum cement content, minimum fines content, maximum water/binder ratio, target values of fresh concrete properties and maximum tolerances for target values can deviate from the provisions for other works in prEN 206 1. (4) This document is based on the assumption that the specification is based on considerations including the site conditions and the conditions for execution of concrete used in special geotechnical works. NOTE 2 Guidance for the specification of concrete used in special geotechnical works can be found in the informative Annex A.

Keel: en
Alusdokumendid: prEN 206-3
Asendab dokumenti: EVS-EN 206:2014+A2:2021

Arvamusküsitluse lõppkuupäev: 31.10.2024

93 RAJATISED

EN 16272-3-2:2023/prA1

Railway applications - Infrastructure - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 3-2: Normalized railway noise spectrum and single number ratings for direct sound field applications

This document specifies a normalized railway noise spectrum for the evaluation and assessment of the acoustic performance of devices designed to reduce airborne railway noise near railways. All noise reducing devices different from noise barriers and related devices acting on airborne sound propagation, e.g. devices for attenuation of ground borne vibration and on board devices are outside of the scope of this document.

Keel: en
Alusdokumendid: EN 16272-3-2:2023/prA1
Muudab dokumenti: EVS-EN 16272-3-2:2023

Arvamusküsitluse lõppkuupäev: 31.10.2024

97 OLME. MEELELAHUTUS. SPORT

prEN 18122

Children's high chairs - Learning towers

This document specifies safety requirements and test methods for learning towers for domestic use that are intended to raise children to allow them to carry out tasks on kitchen worktops, bathroom sinks, etc. in a standing position. Learning towers are normally used by children up to 6 years old. Note If the product offers other functions other standards can be applied.

Keel: en
Alusdokumendid: prEN 18122

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60335-2-120:2024

Household and similar electrical appliances - Safety - Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols

This standard deals with the safety of appliances for generation of directly inhalable aerosols, their rated voltage being not more than 250 V for single-phase appliances, and other appliances including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-120:2024; IEC 60335-2-120:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

prEN IEC 60335-2-120:2024/prAA:2024

Household and similar electrical appliances - Safety - Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols

This Standard deals with the safety of appliances for generation of directly inhalable aerosols, their rated voltage being not more than 250 V for single-phase appliances, and other appliances including direct current (DC) supplied appliances and battery-operated appliances.

Keel: en
Alusdokumendid: prEN IEC 60335-2-120:2024/prAA:2024
Muudab dokumenti: prEN IEC 60335-2-120:2024

Arvamusküsitluse lõppkuupäev: 31.10.2024

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.

EN 50126-1:2017/prA1

Raudteealased rakendused. Töökindluse, kasutatavuse, hooldatavuse ja ohutuse (RAMS) määratlemine ning esitlemine. Osa 1: Põhinõuded ja üldprotseduur

Standardi EN 50126 1. osa • käsitleb RAMS-i, mida mõistetakse kui töökindlust, kasutatavust, hooldatavust ja ohutust ning nende omavahelist seostatud toimimist; • käsitleb RAMS-i elutsükli üldiseid aspekte. Selles osas olevaid juhiseid võib kasutada konkreetsete standardite rakendamisel; • määratleb: — RAMS-i juhtimise protsessi, mis põhineb süsteemi elutsüklil ja selle sisestel toimingutel; — süsteemse, vaadeldava süsteemi suuruse ja liigiga kohaldatava protsessi RAMS-i nõuete määratlemiseks ja nende nõuete täitmise esitlemiseks; • käsitleb raudtee spetsiifikat; • võimaldab RAMS-i elementide vaheliste konfliktide efektiivset haldamist ja juhtimist; • ei määratle: — RAMS-i eesmärke, mahte, nõudeid või spetsiifiliste raudteealaste rakenduste lahendusi; — raudteevaldkonna toodete selle standardi nõuetele vastavuse sertifitseerimise nõudeid või protsesse; — raudteealaga seotud osapoolte heakskiiduprotsessi. Standardi EN 50126 see 1. osa on rakendatav raudteealastele rakendustele, nimelt juhtkäskude ja signaalimise süsteemidele, veeremile ja püsipaigaldistele ning konkreetselt: • RAMS-i spetsifikatsioonile ja esitlusviisile kõikide raudteealaste rakenduste korral ning selliste rakenduste kõikidel tasanditel alates terviklikest raudteesüsteemidest kuni suuremate süsteemideni ning nende peamiste süsteemide üksikute ja kombineeritud allsüsteemide ning komponentide (sealhulgas tarkvara sisaldavate) korral, eelkõige: — uutele süsteemidele; — uutele süsteemidele, mida integreeritakse juba heaks kiidetud olemasolevatesse süsteemidesse, kuid ainult selles ulatuses ning senikaua, kuni uut, uue funktsionaalsusega süsteemi integreeritakse. Muudel juhtudel ei ole see olemasoleva süsteemi mis tahes muutmatutele aspektidele rakendatav; — niivõrd, kuivõrd see on mõistlikult teostatav, olemasolevate süsteemide muudatustele ja laiendustele, mis on juba heaks kiidetud, kuid üksnes sellises ulatuses, kuivõrd olemasolevaid süsteeme muudetakse. Muudel juhtudel ei ole see olemasoleva süsteemi mis tahes muutmatutele aspektidele rakendatav; • kõigis rakenduse elutsükli asjakohastes etappides; • kasutamiseks raudteevaldajatele ja raudteevaldkonna tarnijatele. Selle standardi rakendamine ei ole nõutav olemasolevate, mittemuudetavate süsteemide korral, sealhulgas nende süsteemide korral, mis juba vastavad varasematele EN 50126 versioonide nõuetele. Selles Euroopa standardis kirjeldatud protsess eeldab, et raudteede valdajad ja tarnijad omavad ettevõtte tasemel kvaliteedi, toimivuse ja ohutuse tagamise tegevuspõhimõtteid. Selles standardis defineeritud lähenemisviis vastab standardis EN ISO 9001 esitatud kvaliteedijuhtimise nõuetele.

Keel: et
Alusdokumendid: EN 50126-1:2017/prA1

Kommenteerimise lõppkuupäev: 01.10.2024

EN 50126-2:2017/prA1

Raudteealased rakendused. Töökindluse, kasutatavuse, hooldatavuse ja ohutuse (RAMS) määratlemine ning esitlemine. Osa 2: Süsteemide ohutuslik lähenemisviis

See standardisarja EN 50126 teine osa • käsitleb RAMS-i elutsükli ohutusega seotud üldiseid aspekte; • määratleb meetodid ja töövahendid, mis on sõltumatud süsteemide ja alamsüsteemide olemasolevaist tehnoloogiaist; • esitab — standardi kasutajale arusaamise süsteemi ohutuslikust lähenemisviisist, mis on standardisarja EN 50126 peamiseks aluseks; — meetodid ohutusnõuete kujundamiseks ja nende ohutuse terviklikkuse nõuded süsteemile ning nende jaotamise allsüsteemide vahel; — meetodid ohutusega seotud elektroonika funktsioonide ohutuse terviklikkuse tasemete (safety integrity levels, SIL) määramiseks; MÄRKUS See standard ei võimalda ohutuse terviklikkuse tasemete määramist mitteelektroonikavaldkonna funktsioonidele. • esitab juhised ja meetodid järgmiste valdkondade jaoks: — ohutuse protsess; — ohutuse esitlemine ja heakskiitmine; — rollide korraldus ja sõltumatus; — riskide hindamine; — ohutusnõuete määratlemine, — funktsionaalsete ohutusnõuete jaotamine; — projekteerimine ja juurutamine; • edastab selle standardi kasutajaile meetodid ohutuse tagamiseks, arvestades sealjuures vaadeldavat süsteemi ja selle koostoimimist; • annab juhised vaadeldava süsteemi, sealhulgas selle liideste ja selle süsteemi tema allsüsteemide või muude süsteemidega koostoimimise tuvastamise kirjeldamiseks ning riskianalüüsi korraldamiseks; • ei määratle — RAMS-i eesmärke, mahte, nõudeid või spetsiifiliste raudteealaste rakenduste lahendusi; — raudteevaldkonna toodete selle standardi nõuetele vastavuse sertifitseerimise nõudeid või protsesse; — ohutusasutusepoolset heakskiidu protsessi. See standardisarja EN 50126 osa 2 on rakendatav raudteealastele rakendustele, täpsemalt juhtkäskude ja signaalimise süsteemidele, veeremile ja püsipaigaldistele ning konkreetselt • ohutuse spetsifikatsioonile ja esitlusviisile kõikide raudteealaste rakenduste jaoks ning seda selliste rakenduste kõikide tasandite puhul, niipalju kui on kohaldatav, alates terviklikest raudteesüsteemidest kuni peamiste süsteemideni ning nende peamiste süsteemide üksikute ja kombineeritud allsüsteemide ja (sealhulgas tarkvara hõlmavate) komponentide korral, eriti: — uutele süsteemidele; — uutele süsteemidele, mida integreeritakse juba heaks kiidetud olemasolevatesse süsteemidesse, kuid ainult selles ulatuses ning senikaua, kuni uut, uue funktsionaalsusega süsteemi integreeritakse. Muudel juhtudel ei ole see olemasoleva süsteemi mistahes muutmatutele aspektidele rakendatav; — ulatuses, kuivõrd see on mõistlikult teostatav, olemasolevate süsteemide muudatustele ja laiendustele, mis on heaks kiidetud enne selle standardi koostamist, kuid üksnes sellises ulatuses, kuivõrd olemasolevaid süsteeme muudetakse. Muudel juhtudel ei ole see rakendatav mingitelegi olemasoleva süsteemi muutumatutele aspektidele; • kõigis rakenduse elutsükli asjakohastes etappides; • kasutamiseks raudteevaldajate ja raudteevaldkonna tarnijate poolt. Selle standardi rakendamine ei ole nõutav olemasolevate, mittemuudetavate süsteemide puhul, sealhulgas nende süsteemide puhul, mis juba vastavad mistahes varasematele standardisarja EN 50126 versioonidele. Selles Euroopa standardis kirjeldatud protsess eeldab, et raudteede valdajatel ja raudteevaldkonna tarnijatel on ettevõtte tasemel kvaliteedi, suutlikkuse ja ohutuse tagamise strateegiaid. Selles standardis määratletud lähenemisviis on vastavuses standardis EN ISO 9001 esitatud kvaliteedijuhtimise taotluse nõuetega.

Keel: et
Alusdokumendid: EN 50126-2:2017/prA1

Kommenteerimise lõppkuupäev: 01.10.2024

EVS-EN 17805:2023

Vee kvaliteet. Veest keskkonna DNA proovide võtmine, kogumine ja säilitamine

See dokument määrab kindlaks veekeskkonnas oleva keskkonna DNA (eDNA) proovide võtmise, kogumise ja säilitamise protseduurid, mis pärinevad organismidest, mis on veekogus või on hiljuti veekogus esinenud, on seda külastanud või mille DNA on veekogusse viidud mingi mehhanismi kaudu. See dokument hõlmab ka proovide saastumise vältimise ja DNA kvaliteedi tagamise protseduure, filtreerimisprotseduuri põhiomadusi ja vahendeid ning aruandlusstandardeid. See dokument ei hõlma eDNA kogumist biokiledest, setetest või sarnastest proovitüüpidest ega hõlma proovivõtu kavandamist.

Keel: et
Alusdokumendid: EN 17805:2023

Kommenteerimise lõppkuupäev: 01.10.2024

EVS-EN ISO 10304-4:2022

Vee kvaliteet. Lahustunud anioonide määramine kasutades ioonvahetus-vedelikkromatograafiat. Osa 4: Kloraadi, kloriidi ja kloriti määramine madala reostusega vees

See dokument täpsustab meetodi kloraadi, kloriidi ja kloriti lahustunud anioonide määramiseks madala reostusega vees (nt joogivesi, toorvesi või basseinivesi). Asjakohaste ja sobivate ülesseadete ja nendest sõltuvate protseduurietappide mitmekesisus võimaldab ainult üldist kirjeldust. Analüütiliste tehnikate kohta leiab rohkem informatsiooni peatükist Kirjandus. Asjakohane proovide eeltöötlus (nt lahjendamine) ja juhtivusdetektori (CD), UV detektori (UV) või amperomeetrilise detektori (AD) kasutamine võimaldab tabelis 1 toodud tööalasid.

Keel: et
Alusdokumendid: ISO 10304-4:2022; EN ISO 10304-4:2022

Kommenteerimise lõppkuupäev: 01.10.2024

FprCEN/TS 54-14

Automaatne tulekahjusignalisatsioonisüsteem. Osa 14: Planeerimise, projekteerimise, paigaldamise, kasutuselevõtu, kasutamise ja hoolduse eeskiri

See dokument sisaldab eeskirju tulekahju avastamise ja tulekahjust alarmeerimise süsteemide kasutamiseks ehitistes ja tsiviilehitistes ning nende ümbruses. Eeskirjad hõlmavad süsteemide planeerimist, projekteerimist, paigaldamist, kasutuselevõttu ja kinnitamist, kolmandate osapoolte kooskõlastust, kasutamist ja hooldamist. Eeskirjad kehtivad süsteemide kohta, mille eesmärk on kaitsta elusid ja/või vara. Eeskirjad kehtivad süsteemide kohta, millel on keskseade ning vähemalt üks tulekahjuteatenupp või üks tulekahjuandur. Tulekahju korral võivad süsteemid olla võimelised genereerima signaale, mis käivitavad lisaseadmeid (näiteks paikseid tulekustutussüsteeme, suitsu ja kuumuse leviku juhtimissüsteeme, tuletõkkesektsioonide eraldamist). Samuti on võimalik rakendada muid ettevaatusabinõusid ja teha toiminguid (näiteks lülitada seadmeid välja või edastada häireid kaugjuhtimise teel). Need eeskirjad ei kehti lisaseadmete või nendega liidese moodustavate ahelate kohta. Nendes eeskirjades võetakse standardisarja EN 54 puhul arvesse avatud kirjelduse (OD) lähenemisviisi võimalikku kasutuselevõttu. Eeskirjad kehtivad ainult selliste tulekahjuga seotud funktsioonidega süsteemide kohta, mille tulekahjuhäire funktsioonid on kombineeritud teiste tulekaitsega mitteseotud funktsioonidega. Eeskirjad ei anna soovitusi selle kohta, kas tulekahju avastamise ja/või tulekahjust alarmeerimise süsteem tuleks konkreetsele alale paigaldada või mitte. Seda dokumenti võib kasutada suunisena tulekahju avastamise ja tulekahjust alarmeerimise süsteemi planeerimisel, projekteerimisel, paigaldamisel, kasutuselevõtul, kasutamisel ja hooldamisel igas riigis, millel puudub samaväärne riigisisene standard või kui samaväärne riigisisene standard on aegunud või ei hõlma teatud aspekte, nt uusi tulekahju avastamise tehnoloogiaid. Neid eeskirju kasutavad pädevad isikud. Eeskirjad on siiski suunatud ka teistele isikutele, kes tulekahju avastamise ja/või tulekahjust alarmeerimise süsteeme tellivad või kasutavad. Standardi EN 14604 kohaselt valmistatud autonoomsed suitsuandurid, sõltumata sellest, kas need on omavahel ühendatud või mitte, pole nende eeskirjade tähenduses tulekahju avastamise ja tulekahjust alarmeerimise süsteemid.

Keel: et
Alusdokumendid: CEN/TS 54-14:2024

Kommenteerimise lõppkuupäev: 01.10.2024

prEN 673

Klaas ehitusmaterjalina. Soojuskandeteguri (U väärtuse) määramine. Arvutusmeetod

See dokument määrab kindlaks arvutusmeetodi tasase ja paralleelsete pindadega klaasi soojuskandeteguri määramiseks. See dokument kehtib katmata klaasile (sh struktuursete pindadega klaas, nt mustriline klaas), kaetud klaasile ja materjalidele, mis ei ole pikas infrapunakiirguses läbipaistvad, milleks on naatriumlubiklaasist tooted, boorsilikaatklaas, klaaskeraamika, leelismuldsilikaatklaas ja alumiiniumsilikaatklaas. See dokument kehtib ka sellistest klaasidest ja/või materjalidest mitmekordsete klaaspakettide kohta. See ei kehti mitmekordsetele klaaspakettidele, mille gaasiruumis on pikale infrapunakiirgusele läbipaistvad lehed või fooliumid. Selles dokumendis kirjeldatud protseduur määrab U väärtuse (soojuskandeteguri) klaaspinna keskosas. Hõlmatud ei ole piirefektid, mis tulenevad isoleeritud klaaspaketi vahetükki läbivast soojussillast. Lisaks ei võeta arvesse päikesekiirgusest tingitud energiaülekannet. Kõikide dekoratiivsete aknaliistude mõju ei kuulu selle dokumendi reguleerimisalasse. MÄRKUS Standardis EN ISO 10077-1:2017 on sätestatud metoodika akende, uste ja aknaluukide [1] üldise U-väärtuse arvutamiseks, võttes arvesse selle dokumendi kohaselt klaasikomponentidele arvutatud U-väärtust. Samuti on arvutusmetoodikast välja jäetud kõik gaasidest tulenevad mõjud, mis neelavad infrapunakiirgust 5–50 µm piirkonnas. Selle dokumendi esmane eesmärk on vertikaalsete klaaspindadega toodete võrdlus. Lisaks arvutatakse U väärtused sama protseduuri abil muudel eesmärkidel, eelkõige järgneva ennustamiseks: — soojuskadu läbi klaasi; — juhtivussoojuse tõus suvel; —

kondensatsioon klaaspindadel; — neeldunud päikesekiirguse mõju päikesefaktori määramisel [2]. Võib viidata allikatele [3], [4] ja [5] või muudele Euroopa standarditele, mis käsitlevad soojuskadude arvutusi selle standardiga määratud klaaspindade U väärtuste rakendamiseks. Klaaspindade U väärtuste üksikasjalikeks arvutusteks koos varjutusseadmetega võib viidata allikale [6]. Vaakumisolatsiooniklaas (Vacuum Insulating Glass - VIG) ei kuulu selle dokumendi reguleerimisalasse. VIG U väärtuse määramiseks vaadake standardit EN 674 või ISO 19916-1. Emissiivsuse määramise protseduur on toodud standardis EN 12898. Reeglid on tehtud võimalikult lihtsaks, olles kooskõlas täpsusega.

Keel: et
Alusdokumendid: prEN 673

Kommenteerimise lõppkuupäev: 01.10.2024

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 50523-1:2010

Household appliances interworking - Part 1: Functional specification

This European Standard focuses on Interworking of household appliances and describes the necessary control and monitoring. It defines a set of functions of household and similar electrical appliances which are connected together and to other devices by a network in the home. This European Standard does not deal with safety requirements.

Keel: en
Alusdokumendid: EN 50523-1:2009
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 50523-2:2010

Household appliances interworking - Part 2: Data structures

This European Standard specifies the message Data structures used for communication between devices that comply with the Household Appliances Interworking standard. It is a companion document to EN 50523-1, Functional specification.

Keel: en
Alusdokumendid: EN 50523-2:2010
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 60794-1-21:2015/A1:2020

Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods

Amendment for EN 60794-1-21:2015

Keel: en
Alusdokumendid: IEC 60794-1-21:2015/A1:2020; EN 60794-1-21:2015/A1:2020
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 62788-1-2:2016

Measurement procedures for materials used in photovoltaic modules - Part 1-2: Encapsulants - Measurement of volume resistivity of photovoltaic encapsulants and other polymeric materials

IEC 62788-1 2:2016 provides a method and guidelines for measuring the volume resistivity of materials used as encapsulation, edge seals, front-sheets, backsheets, or any other insulating material in a photovoltaic (PV) module. The test is performed on dry, humid or wet preconditioned samples. In the case of frontsheets and backsheets comprised of multiple layers, the measured resistivity is an effective value. This test is designed for room temperature measurement, but can also be utilized at higher temperatures.

Keel: en
Alusdokumendid: IEC 62788-1-2:2016; EN 62788-1-2:2016
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 62788-1-4:2016

Measurement procedures for materials used in photovoltaic modules - Part 1-4: Encapsulants - Measurement of optical transmittance and calculation of the solar-weighted photon transmittance, yellowness index, and UV cut-off wavelength

IEC 62788-1-4:2016 provides a method for measurement of the optical transmittance of encapsulation materials used in photovoltaic (PV) modules. The standardized measurements in this procedure quantify the expected transmittance of the encapsulation to the PV cell. Subsequent calculation of solar-weighted transmittance allows for comparison between different materials. The results for unweathered material may be used in an encapsulation manufacturer's datasheets, in manufacturer's material or process development, in manufacturing quality control (material acceptance), or applied in the analysis of module performance. This measurement method can also be used to monitor the performance of encapsulation materials after weathering, to help assess their durability.

Keel: en
Alusdokumendid: IEC 62788-1-4:2016; EN 62788-1-4:2016
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 62788-1-4:2016/A1:2020

Measurement procedures for materials used in photovoltaic modules - Part 1-4: Encapsulants - Measurement of optical transmittance and calculation of the solar-weighted photon transmittance, yellowness index, and UV cut-off wavelength

Amendment to EN 62788-1-4:2016

Keel: en
Alusdokumendid: EN 62788-1-4:2016/A1:2020; IEC 62788-1-4:2016/A1:2020
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 62788-1-5:2016

Measurement procedures for materials used in photovoltaic modules - Part 1-5: Encapsulants - Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions

IEC 62788-1-5:2016 provides a method for measuring the maximum representative change in linear dimensions of encapsulation sheet material in an unrestricted thermal exposure as might or might not be seen during photovoltaic (PV) module fabrication. Data obtained using this method may be used by encapsulation material manufacturers for the purpose of quality control of their encapsulation material as well as for reporting in product datasheets. Data obtained using this method may be used by PV module manufacturers for the purpose of material acceptance, process development, design analysis, or failure analysis.

Keel: en
Alusdokumendid: IEC 62788-1-5:2016; EN 62788-1-5:2016
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 62788-1-6:2017

Measurement procedures for materials used in photovoltaic modules - Part 1-6: Encapsulants - Test methods for determining the degree of cure in Ethylene-Vinyl Acetate

IEC 62788-1-6:2017 defines the terminology, test equipment, test environment, specimen preparation, test procedures, and test report for measuring the degree of cure of Ethylene-Vinyl Acetate (EVA) encapsulation sheet used in photovoltaic (PV) modules. The differential scanning calorimetry (both residual enthalpy and melt/freeze protocols) and gel content methods are included herein. This procedure can be used by material- or module-manufacturers to verify that the cross-linking additive is present and is active. The procedure can also be used to verify the module manufacturing (lamination) process for the purposes of quality- and process-control. The procedure can also be used to assess the uniformity of the EVA formulation within a roll as well as to compare variation of the EVA formulation from roll to roll.

Keel: en
Alusdokumendid: IEC 62788-1-6:2017; EN 62788-1-6:2017
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN 62788-1-6:2017/A1:2020

Measurement procedures for materials used in photovoltaic modules - Part 1-6: Encapsulants - Test methods for determining the degree of cure in Ethylene-Vinyl Acetate

Amendment for EN 62788-1-6:2017

Keel: en
Alusdokumendid: IEC 62788-1-6:2017/A1:2020; EN 62788-1-6:2017/A1:2020
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN IEC 62788-1-7:2020

Measurement procedures for materials used in photovoltaic modules - Part 1-7: Encapsulants - Test procedure of optical durability

IEC 62788-1-7:2020 is designed as a more rigorous qualification test, using accelerated UV exposure at elevated temperature to determine whether polymeric encapsulants can suffer loss of optical transmittance. IEC 61215-2 already includes a UV preconditioning test (MQT 10), however, the parameters for that test only represent a limited level of exposure (~weeks of UV dose). This test procedure is intended for representative coupon specimens, applying stress at a greater intensity (designed relative to Phoenix, AZ), using a radiation spectrum that is more similar to the terrestrial solar spectrum, and using a duration of exposure that is more relevant to the PV application (i.e., equivalent to several years of outdoor exposure). This test quantifies the degradation rate of encapsulants so that the risk of the materials losing optical transmittance during operation in the terrestrial environments can be managed. The quantitative correlation between climate (or location of use), a specific application (utility installation, residential-installation, roof-mount, rack-mount, use of a tracker, the system electrical configuration and its operation), and the test can be established for each specific encapsulant material, but is beyond the scope of this document.

Keel: en
Alusdokumendid: IEC 62788-1-7:2020; EN IEC 62788-1-7:2020
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN IEC 62788-5-1:2020

Measurement procedures for materials used in photovoltaic modules - Part 5-1: Edge seals - Suggested test methods for use with edge seal materials

IEC 62788-5-1:2020 provides procedures for standardized test methods for evaluating the properties of materials designed to be used as edge seals. When modules are constructed with impermeable (or extremely low permeability) front- and backsheets designed to protect moisture-sensitive photovoltaic (PV) materials, there is still the possibility for moisture to get in from the sides. The test methods described in this document are intended to be used to standardize the way edge seals are evaluated. Only some of these tests are applied for IEC 61215 and IEC 61730, and that status depends on the specific design.

Keel: en
Alusdokumendid: IEC 62788-5-1:2020; EN IEC 62788-5-1:2020
Tühistamisküsitluse lõppkuupäev: 01.10.2024

EVS-EN IEC 62788-6-2:2020

Measurement procedures for materials used in photovoltaic modules - Part 6-2: General tests - Moisture permeation testing of polymeric materials

IEC 62788-6-2:2020 provides methods for measuring the steady-state water vapour transmission rate (WVTR), water vapour permeability (P), diffusivity (D), solubility (S), and moisture breakthrough time (T10) (defined as the time to reach 10 % of the steady state WVTR) for polymeric materials such as encapsulants, edge seals, frontsheets and backsheets. These measurements can be made at selected temperatures and humidity levels as deemed appropriate for evaluation of their performance in PV modules. Measurement is accomplished by inspection of the transient WVTR curve and by fitting it to a theoretical Fickian model. This document is best applied to monolithic films. If multilayer films are used, the D and S values are only apparent values, but the steady-state values can still be measured.

Keel: en
Alusdokumendid: IEC 62788-6-2:2020; EN IEC 62788-6-2:2020
Tühistamisküsitluse lõppkuupäev: 01.10.2024

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 14587-2:2024

Raudteealased rakendused. Rööbastee. Rööbaste sulatuspõkk-keevitus (elekterkontaktkeevitus). Osa 2: Uute R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT klassi rööbaste keevitamine mobiilsete keevitusseadmetega väljaspool statsionaarseid keevituskohti
Railway applications - Infrastructure - Flash butt welding of new rails - Part 2: R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT and R400HT grade rails by mobile welding machines at sites other than a fixed plant

Eeldatav avaldamise aeg Eesti standardina 02.2025

EN 16942:2024

Fuels - Identification of vehicle compatibility - Graphical expression for consumer information

Eeldatav avaldamise aeg Eesti standardina 10.2024

EN IEC 60228:2024

Conductors of insulated cables

Eeldatav avaldamise aeg Eesti standardina 10.2024

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 12255-12:2024

Reoveepuhastid. Osa 12: Juhtimis- ja automaatikaseadmed
Wastewater treatment plants - Part 12: Control and automation

See dokument määratleb üldnõuded mõõteseadmetele ja erinõuded protsessijuhtimis- ja automaatikasüsteemidele reoveepuhastites, mille rajamisel on silmas peetud elanike ja inimekvivalentide koguarvu, mis on suurem kui 50. MÄRKUS 1 Arvestades andurite ja juhtimisseadmete kiiret arengut, on dokument mõeldud ülevaatena ning selles kasutatakse näiteid ja üldisi nõudeid, mitte üksikasjalikke seadmete spetsifikatsioone. Üksikasjalikku teavet lisaks standardis sisalduvale leiab kirjanduse loetelus viidatud allikatest. MÄRKUS 2 Kuigi EÜ direktiivid muutuvad EL-i liikmesriikides ja mõnes muus olukorras seaduseks, on see standard mõeldud laiemaks kasutamiseks, mistõttu on tekstis viidatud ja kirjanduse loetelus ära toodud need direktiivid, mis sisaldavad sellist tüüpi selgeid tehnilisi juhiseid, mis on üldiselt asjakohased ühes standardis. Nõuete loetelu kopeerimine direktiividest võiks direktiivide muutmisel tekitada lubamatu konflikti.

EVS-EN 13445-5:2021+A1:2024

Leekkuumutuseta surveanumad. Osa 5: Kontroll ja katsetamine
Unfired pressure vessels - Part 5: Inspection and testing

See dokumendi osa määrab kindlaks standardi EN 13445-2:2021 järgi terasest üksikult ja seeriaviisiliselt toodetavate surveanumate kontrollimise ja katsetamise. Erisätted tsüklilise talitluse kohta on toodud selle osa lisas G. Erisätted mahutitele ja mahutite osadele töötamisel roomavuse tingimustes on toodud selle osa lisas F ja lisas I. MÄRKUS Vastavushindamise protseduuri osaliste vastutusalad on toodud direktiivis 2014/68/EL. Juhised selle kohta leiab dokumendist CR 13445-7.

EVS-EN 17124:2022

Vesinikkütus. Toote spetsifikatsioon ja kvaliteedi tagamine vesiniku tankimispunktides gaasilise vesiniku tankimiseks. Prootonvahetusmembraaniga (PEM) kütuseelement ja selle rakendused sõidukites
Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles

See dokument määrab kindlaks tankimisjaamades väljastatava vesinikkütuse kvaliteediomadused prootonvahetusmembraaniga (PEM) kütuseelemendiga sõidukisüsteemides kasutamiseks ja vastavad kvaliteedi tagamise kaalutlused vesinikkütuse ühtluse tagamiseks.

EVS-EN 17468-1:2022

Tsementkiudtooted. Läbitõmbe ja nihkekindluse määramine ning paindetugevuse arvutused. Osa 1: Lamedad plaadid
Fibre cement products - Determination of pull through and shear resistance and bending strength calculations - Part 1: Flat sheets

Selle dokumendiga kehtestatakse kokkulepitud meetod läbitõmbekindluse (kinnitite pinge/surve läbi plaatide), nihkekindluse, paindetugevuse ja paindeelastsusmooduli hindamiseks ja soovitatakse tsementkiudplaatide heakskiidetud ohutuskontseptsiooni sise- ja välisseinte ning lagede viimistlemiseks, mis põhinevad viimastel aastatel eri riikides saadud kogemustel. Tulemused kehtivad ainult tsementkiudtoote, mitte kogu kinnitussõlme kohta. MÄRKUS 1 Lamedate tsementkiudplaatide projekteerimisel lõpprakenduses ei kuulu kinnituse purunemise või aluskonstruktsioonist väljatõmbamise tõrkerežiimid selle standardi käsitlusalasse. Need võivad muutuda otsustavaks ja neid tuleb katsetada või arvutada kinnituste (näiteks standard EN 14592) või ETA ja aluskonstruktsioonide projekteerimisstandardite kohaselt (näiteks Eurokoodeks 3 terase, Eurokoodeks 5 puidu ja Eurokoodeks 9 alumiiniumist aluskonstruktsioonide puhul) ning võrrelda väljatõmbe- ja nihkekindluse tulemustega. Tulemused on samuti rakendatavad järgnevale: — Kaetud või katmata plaadid, mis on toodetud katsetatud plaatidega samas tootmisüksuses, tingimusel et plaadid on sama tüüpi, neil on vähemalt sama deklareeritud klass standardi EN 12467:2012+A2:2018 tabeli 6 kohaselt ja vähemalt sama nimipaksus. — Katsemeetodit saab rakendada tekstuuriga või tekstuurita lamedate kiudtsemendist plaatide puhul. Tekstuurita plaatide tulemused kehtivad tekstuuriga plaatide puhul ainult siis, kui tekstuuriga plaadi minimaalne nimipaksus on vähemalt võrdne tekstuurita plaadi nimipaksusega. — Vajaduse korral on tulemused rakendatavad ka sama tüüpi kinniti pea või seibi puhul, kui kinniti pea või seibi läbimõõt on 0 mm kuni 2 mm suurem kui katses. — Tihendiga seibi Shore A kõvadus, kui see on kohaldatav, on ±5 ühikut, võrreldes katses kasutatud seibi kõvadusega, arvestades, et seib on vähemalt sama paks, seibi materjal on vähemalt sama tugev ja kuju (kuppel või tasane) on sama kui katsetatud seibil. MÄRKUS 2 A) Läbitõmbekindluse jaoks, kui tsementkiudplaati puuritud augu läbimõõt on 0 mm kuni 2 mm väiksem või võrdne katses puuritud august kuni kinniti varre läbimõõduni, eeldusel, et katse ajal on vajalik vaba auk kinniti varre ümber. B) Nihkekindluse jaoks, kui puuritud augu läbimõõt on võrdne katsetatuga. See kehtib ainult tarnitud toodetele.

EVS-EN 589:2024/NA:2024

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa
Automotive fuels - LPG - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 589:2024

EVS-EN 589:2024+NA:2024

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid
Automotive fuels - LPG - Requirements and test methods

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)“ ja „% (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.

EVS-EN ISO 17294-1:2024

Vee kvaliteet. Induktiivsidestatud plasma massispektromeetria (ICP-MS) rakendamine. Osa 1: Üldnõuded
Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 1: General requirements (ISO 17294-1:2024)

See dokument määratleb induktiivsidestatud plasma massispektromeetria (ICP-MS) põhimõtted ja annab üldised juhised meetodi kasutamiseks elementide määramiseks vees, muda ja sette mineraliseeritud lahuses (nt vee mineraliseeritud lahused nagu kirjeldatud standardites ISO 15587-1 või ISO 15587-2). Üldjuhul tehakse mõõtmine vees, kuid analüüsida võib ka gaase, aure või tahkeid osakesi. See dokument kehtib ICP-MS-i kasutamise kohta vesilahuste analüüsimisel. Elementide lõplikku määramist kirjeldatakse iga elementide ja maatriksi komplekti jaoks eraldi rahvusvahelises standardis. Selle dokumendi eraldiseisvad peatükid esitavad kasutajale juhiseid meetodi põhiprintsiipide ja seadme seadistuse kohta.

EVS-EN ISO 17827-1:2024

Tahked biokütused. Kokkusurumata kütuste osakeste suurusjaotuse määramine. Osa 1: Ostsilleeriva sõela meetod, kasutades 3,15 mm ja suuremate avadega sõelu
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2024)

See dokument määratleb meetodi tahkete osakeste biokütuste suurusjaotuse määramiseks horisontaalselt ostsilleeriva sõela meetodil. See kehtib tahkete osakeste kokkusurumata kütuste kohta, mille nimisuurus on 3,15 mm ja rohkem, nt puiduhake, purustatud puitkütus, oliivikivid. Meetod on ette nähtud materjali iseloomustamiseks kuni osakeste suurusklassini (P) P63. Suuremate P-klasside ja PL-klasside puhul toimub iseloomustamine peamiselt käsitsi sorteerimise teel. MÄRKUS P- ja PL-klasside määratlused ja spetsifikatsioonid on toodud standardites ISO 17225-1, ISO 17225-4 ja ISO 17225-9.

EVS-EN ISO 17827-2:2024

Tahked biokütused. Kokkusurumata kütuste osakeste suurusjaotuse määramine. Osa 2: Vibreeriva sõela meetod, kasutades 3,15 mm ja alla selle avadega sõelu
Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2024)

See dokument määratleb meetodi tahkete osakeste biokütuste suurusjaotuse määramiseks vibreeriva sõela meetodil. Kirjeldatud meetod on mõeldud ainult tahkete osakeste biokütustele, nimelt materjalidele, mis on kas vähendatud mõõtmetega, nagu enamik puitkütuseid, või on füüsiliselt tahkete osakeste kujul. See dokument kehtib tahkete osakeste kokkusurumata kütuste kohta, mille nimisuurus on 3,15 mm ja alla selle (nt saepuru).

EVS-EN ISO 17830:2024

Tahked biokütused. Lagunenud graanulite osakeste suurusjaotus
Solid biofuels - Particle size distribution of disintegrated pellets (ISO 17830:2024)

See dokument määratleb nõuded ja meetodi, mida kasutatakse lagunenud graanulite osakeste suuruse jaotuse määramiseks. Seda kasutatakse kuumas vees täielikult lagunevate graanulite puhul.

EVS-EN ISO 18134-2:2024

Tahked biokütused. Niiskusesisalduse määramine. Osa 2: Lihtsustatud meetod
Solid biofuels - Determination of moisture content - Part 2: Simplified method (ISO 18134-2:2024)

See dokument määratleb meetodi tahkete biokütuste proovi niiskusesisalduse määramiseks ahjus kuivatamise teel ja seda kasutatakse juhul, kui pole vaja suurimat täpsust, nt rutiinseks tootmiskontrolliks kohapeal. Selles dokumendis kirjeldatud meetod on rakendatav kõikide tahkete biokütuste puhul. Tahkete biokütuste niiskusesisaldus (saadud kujul) esitatakse alati uuritava proovi kogumassi alusel (märg). MÄRKUS Biomassi materjalid võivad sisaldada väikeses koguses lenduvaid orgaanilisi ühendeid (LOÜ), mis võivad niiskusesisalduse määramisel ahjus kuivatamisel aurustuda (vt viiteid [1] ja [2]). Selliste ühendite eraldumine on selle meetodiga määratud üldise niiskusesisaldusega võrreldes üsna väike ja seda selles dokumendis ei arvestata.

EVS-EN ISO 9288:2022

Soojustus. Soojuskiirgus. Sõnavara
Thermal insulation - Heat transfer by radiation - Vocabulary (ISO 9288:2022)

See dokument määratleb füüsikalised suurused ja muud terminid soojustuse valdkonnas, mis on seotud soojuskiirgusega.

STANDARDIPEALKIRJADE MUUTMINE

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

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12255-12:2024	Wastewater treatment plants - Part 12: Control and automation	Reoveepuhastid. Osa 12: Juhtimis- ja automaatikaseadmed
EVS-EN 17124:2022	Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles	Vesinikkütus. Toote spetsifikatsioon ja kvaliteedi tagamine vesiniku tankimispunktides gaasilise vesiniku tankimiseks. Prootonvahetusmembraaniga (PEM) kütuseelement ja selle rakendused sõidukites
EVS-EN 17468-1:2022	Fibre cement products - Determination of pull through and shear resistance and bending strength calculations - Part 1: Flat sheets	Tsementkiudtooted. Läbitõmbe ja nihkekindluse määramine ning paindetugevuse arvutused. Osa 1: Lamedad plaadid
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)	Vee kvaliteet. Induktiivsidestatud plasma massispektromeetria (ICP-MS) rakendamine. Osa 1: Üldnõuded
EVS-EN ISO 18134-2:2024	Solid biofuels - Determination of moisture content - Part 2: Simplified method (ISO 18134-2:2024)	Tahked biokütused. Niiskusesisalduse määramine. Osa 2: Lihtsustatud meetod
EVS-EN ISO 9288:2022	Thermal insulation - Heat transfer by radiation - Vocabulary (ISO 9288:2022)	Soojustus. Soojuskiirgus. Sõnavara