

EVS Teataja

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Uued Eesti standardid

Standardikavandite arvamuskustitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja
ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 1264-1:2021

Water based surface embedded heating and cooling systems - Part 1: Definitions and symbols

The EN 1264 series gives guidelines for surface embedded heating and cooling systems installed in buildings, residential and non-residential (e.g. office, public, commercial and industrial buildings) and focuses on systems installed for the purpose of thermal comfort. The EN 1264 series gives guidelines for water based heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. It also specifies the use of other heating media instead of water, as appropriate. The EN 1264 series specifies standardized product characteristics by calculation and testing the thermal output of heating for technical specifications and certification. For the design, construction and operation of these systems, see EN 1264-3 and EN 1264-4 for the types A, B, C, D, H, I and J. For the types E, F and G, see the EN ISO 11855 series. The systems specified in the EN 1264 series are adjoined to the structural base of the enclosure surfaces of the building, mounted directly or with fixing supports. The EN 1264 series does not specify ceiling systems mounted in a suspended ceiling with a designed open air gap between the system and the building structure which allows the thermally induced circulation of the air. The thermal output of these systems can be determined according to the EN 14037 series and EN 14240. EN 1264-1 specifies system types and characteristics of water based surface embedded radiant heating and cooling systems.

Keel: en

Alusdokumendid: EN 1264-1:2021

Asendab dokumenti: EVS-EN 1264-1:2011

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

CWA 5643-1:2021

Tourism and related services - Requirements and guidelines to reduce the spread of Covid-19 in the tourism industry (ISO/PAS 5643:2021)

This CWA will consist of two parts: - Part 1: will be an endorsement of ISO/PAS 5643 Measures to reduce the spread of Covid-19 in the tourism industry - Part 2: will include other elements not covered by the ISO/PAS in order to complement it with European needs. The task of this Workshop is to identify gaps or additional requirements, elements, or sectors to be added to those outlined in CWA 5643 – Part 1. In alignment with ISO DPAS 5643, the CWA will apply to the whole tourism value chain, including the following subsectors: - Accommodation, including campsites, hostels, hotels and rural accommodation - Catering services and restaurants - Medical spas - Golf courses - Ski areas - Yacht harbours and nautical activities - Adventure and ecotourism - Beaches - Natural protected areas - Unique public spaces - Museums and heritage sites - Night leisure - Tourist bus companies, rent a car, cableway and tourism water transport - Tourist guides - Tourist information offices - Tourist visits - Travel agencies - MICE tourism - Theme and leisure parks (including water parks, animal parks (zoos and aquariums) and family entertainment centres.

Keel: en

Alusdokumendid: CWA 5643-1:2021; ISO/PAS 5643:2021

CWA 5643-2:2021

Tourism and related services - Requirements and guidelines to reduce the spread of Covid-19 in the tourism industry - European visual identity

This document provides a visual identity to be displayed by European tourist organizations in accordance with CWA 5643-1 and establishes requirements and guidance on the use of the visual identity. This document also includes informative annexes relating to implementation (checklist), references to national standards and protocols and information addressed to the user of the service offered by the tourist organizations.

Keel: en

Alusdokumendid: CWA 5643-2:2021

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 23036-1:2021

Microbiology of the food chain - Methods for the detection of Anisakidae L3 larvae in fish and fishery products - Part 1: UV-press method (ISO 23036-1:2021)

This part of ISO 23036 specifies a method that is applicable for the detection of Anisakidae L3 larvae commonly found in marine and anadromous fishes. The method can be applied to fresh fish and/or frozen fish, lightly processed fish products, such as marinated, salted or cold smoked. This method allows quantifying parasitic infections by estimating the number of parasites in the fish musculature. This method doesn't allow determining species or genotype of detected parasites, which identification is made by morphological and/or molecular methods.

Keel: en

Alusdokumendid: ISO 23036-1:2021; EN ISO 23036-1:2021

EVS-EN ISO 23036-2:2021

Microbiology of the food chain - Methods for the detection of Anisakidae L3 larvae in fish and fishery products - Part 2: Artificial digestion method (ISO 23036-2:2021)

This part of ISO 23036 specifies a method that is applicable for the detection of Anisakidae L3 larvae commonly found in marine and anadromous fishes. The method can be applied to fresh fish and/or frozen fish, lightly processed fish products, such as marinated, salted or smoked, and it's also suitable for visceral organs as confirmatory method for visual inspection scheme. The artificial digestion method allows quantifying parasitic infections by estimating the number of parasites in the fish musculature and, when applied to fresh fish or lightly processed fish products (never frozen before processing), determining the viability of Anisakidae L3, which may be present. This method doesn't allow determining species or genotype of detected parasites, which identification is made by morphological and/or molecular methods.

Keel: en

Alusdokumendid: ISO 23036-2:2021; EN ISO 23036-2:2021

11 TERVISEHOOLDUS

EVS-EN ISO 13408-6:2021

Tervishoiutoodete aseptiline töötlemine. Osa 6: Isolaatorsüsteemid Aseptic processing of health care products - Part 6: Isolator systems (ISO 13408-6:2021)

This document specifies the requirements for and provides guidance on the specification, selection, qualification, bio-decontamination, validation, operation and control of isolator systems related to aseptic processing of health care products and processing of cell-based health care products. This document does not specify requirements for restricted access barrier systems (RABS). This document does not supersede or replace national regulatory requirements such as Good Manufacturing Practices (GMPs) and/or compendia requirements that pertain in particular to national or regional jurisdictions. This document does not specify requirements for isolators used for sterility testing; however, some of the principles and information in this document could be applicable to this application. This document does not define biosafety containment requirements.

Keel: en

Alusdokumendid: ISO 13408-6:2021; EN ISO 13408-6:2021

Asendab dokumenti: EVS-EN ISO 13408-6:2011

Asendab dokumenti: EVS-EN ISO 13408-6:2011/A1:2013

EVS-EN ISO 23445:2021

Dentistry - Tissue punches (ISO 23445:2021)

This document specifies requirements and their test methods for tissue punches used with a handpiece in dentistry especially for oral surgical implant procedures such as cutting holes or notches in and removing of gingival tissue. It also specifies the requirements for their marking and labelling.

Keel: en

Alusdokumendid: ISO 23445:2021; EN ISO 23445:2021

EVS-EN ISO 23940:2021

Dentistry - Excavators (ISO 23940:2021)

This document specifies dimensions and performance requirements for excavators used in dentistry.

Keel: en

Alusdokumendid: ISO 23940:2021; EN ISO 23940:2021

Asendab dokumenti: EVS-EN ISO 13397-4:1999

EVS-EN ISO 80369-7:2021

Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications (ISO 80369-7:2021)

This document specifies dimensions and requirements for the design and functional performance of small-bore connectors intended to be used for connections in intravascular applications or hypodermic connections in hypodermic applications of medical devices and accessories. EXAMPLES Hypodermic syringes and needles or intravascular (IV) cannulae with male and female Luer slip connectors and Luer lock connectors. NOTE 1 See Annex A. NOTE 2 The Luer connector was originally designed for use at pressures up to 300 kPa. This document does not specify requirements for the medical devices or accessories that use these connectors. Such requirements are given in particular documents for specific medical devices or accessories. This document does not specify requirements for the following small-bore connectors, which are specified in other documents: - haemodialyser, haemodiafilter and haemofilter blood compartment ports (ISO 8637 [5] and applicable portion of ISO 8638 referencing blood compartment ports); - haemodialysis, haemodiafiltration and haemofiltration equipment connectors (ISO 8637 [5]); - infusion system closure piercing connectors (ISO 8536-4 [4]). NOTE 3 Manufacturers are encouraged to incorporate the small-bore connectors specified in this document into medical devices or accessories, even if currently not required by the relevant particular medical device documents. It is expected that when the relevant particular medical device documents are revised, requirements for small-bore connectors, as specified in ISO 80369, will be included. NOTE 4 ISO 80369-1:2018, Clause 7, specifies alternative methods of conformance with ISO 80369-1:2018, for small-bore connectors intended for use with intravascular applications or hypodermic application medical devices or accessories, which do not conform with this document.

Keel: en

Alusdokumendid: ISO 80369-7:2021; EN ISO 80369-7:2021

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS 846:2021

Hoone kanalisatsioon Draining system inside buildings

See standard kehtib hoone kanalisatsioonile, mille kaudu reoveed suubuvad linna, asula ühiskanalisatsiooni. Hoone kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) kuni hoone välisseinani ja võimalike eelpuhastitega hoones. Hoone- ja väliskanalisatsiooni standardite piirittlus on tähistatud (Joonis 1). Standardis ei käsitleta tulekustutuspaigaldiste rakendamisel või katsetamisel tekkinud vee äravoolu. Tuleohutuspaigaldiste vee äravoolu nõudeid (nt. tuletõrjeliftid) kirjeldatakse standardis EVS 812-8. Käesolev standard ei käsitle drenaaži projekteerimist. Standardi nõudeid tuleb täita nii uue hoone kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

Keel: et

Asendab dokumenti: EVS 846:2013

EVS 848:2021

Väliskanalisatsioonivõrk Sewer systems outside buildings

See Eesti standard rakendub hooneväliste kanalisatsioonivõrkudele, s.o hooneviimast/väljaviigust (hoone välisseinast) (EVS 846) või sademevee restkaevust kohani, kus kanalisatsioonivesi jõuab reoveepuhastisse või heitvee suublasse. Hoonealused torustikud kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa hoone kanalisatsioonisüsteemist. Standardis määratakse kindlaks funktsionaalsed nõuded kanalisatsioonivõrgule seoses planeerimise, projekteerimise, ehitamise, käitamise, hoolduse ja eksploatatsiooniga ning tegevused nõuete täitmiseks.

Keel: et

Asendab dokumenti: EVS 848:2013

Asendab dokumenti: EVS 848:2013/AC:2013

EVS-EN 15344:2021

Plastics - Recycled plastics - Characterization of Polyethylene (PE) recyclates

This document defines a method of specifying delivery conditions for polyethylene (PE) recyclates. It gives the most important characteristics and associated test methods for assessing PE recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of polyethylene (PE) recyclates obtained by mechanical recycling to agree on specifications for specific and generic applications. This document is applicable without prejudice to any existing legislation. This document does not cover the characterization of plastics wastes (see EN 15347).

Keel: en

Alusdokumendid: EN 15344:2021

Asendab dokumenti: EVS-EN 15344:2007

EVS-EN 17020-4:2021

Extended application of test results on durability of self-closing for doorsets and openable windows - Part 4: Durability of self-closing of fire resistance and/or smoke control hinged and pivoted metal framed glazed doorsets and openable windows

This document is applicable to single and double leaf, hinged and pivoted metal framed, glazed doorsets or openable windows as covered by EN 15269 5 or EN 15269 20. This document prescribes the methodology for extending the application of test results obtained from durability of self-closing test(s) conducted in accordance with EN 1191. Subject to the completion of the appropriate self-closing test(s), the extended application can cover all or some of the following non-exhaustive list: - doorsets and openable windows; - door or window leaves; - wall or ceiling fixed elements (frame or suspension system); - glazing and non-glazed panels in doorset and openable window, side, transom and/or overpanels; - items of building hardware; - decorative finishes; - intumescent, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel: en

Alusdokumendid: EN 17020-4:2021

EVS-EN 50695:2021

Public-address-general-emergency-alarm-system, communication-system for marine applications

This standard describes requirements, performances and test-procedures for Public-Address-Systems (PA) and General-Alarm (GA) Communication-systems for marine applications. The standard is focused on all necessities to get a harmonized standard for marine PAGA Com. The standard refers as much as possible to relevant established standards. Where relevant standard do not exist or are not precise enough, this standard will describe additionally own definitions, requirements performances and test-procedures

Keel: en

Alusdokumendid: EN 50695:2021

EVS-EN ISO 14557:2021

Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies (ISO 14557:2021)

This document establishes the requirements and test methods for rubber and plastics suction hoses for fire-fighting purposes. These hoses can also be used manually to supply unpressurized water to the pump or for water discharge. NOTE All pressures are expressed in megapascals and in bar (1 MPa = 10 bar). Additional requirements are specified for hose assemblies, that is, hoses with couplings already fitted, where this is carried out by the hose manufacturer (see Clause 8). Type A (rubber) hoses are intended for use at a minimum temperature of -20 °C and Type B (thermoplastics) hoses are intended for use at a minimum temperature of -10 °C.

Keel: en

Alusdokumendid: ISO 14557:2021; EN ISO 14557:2021

Asendab dokumenti: EVS-EN ISO 14557:2003

Asendab dokumenti: EVS-EN ISO 14557:2003/A1:2007

EVS-EN ISO 9038:2021

Determination of sustained combustibility of liquids (ISO 9038:2021)

This document specifies a procedure, at temperatures up to 100 °C, to determine whether or not a liquid product, that would be classified as "flammable" by virtue of its flash point, sustains combustion at the temperature or temperatures specified in the appropriate regulations. NOTE 1 Many national and international regulations classify liquids as presenting a flammable hazard on the basis of their flash point, as determined by a recognized method. Some of these regulations allow a derogation if the substance cannot "sustain combustion" at some specified temperature or temperatures. NOTE 2 In connection with the United Nations recommendations on the Transport of Dangerous Goods as well as with the Globally Harmonized System of Classification and Labelling of Chemicals, and also with derived national/EC regulations, temperatures of 60,5 °C and 75,0 °C are specified for this test.[1][2] The procedure is applicable to paints (including water-borne paints), varnishes, paint binders, solvents, petroleum or related products and adhesives, which have a flash point. It is not applicable to painted surfaces in respect of assessing their potential fire hazards. This test method is applicable, in addition to test methods for flash point, for assessing the fire hazard of a product. NOTE 3 Particular care needs to be taken in translating results from this test method to large scale (real life) situations, as liquids in large quantities can behave in different ways to small samples.

Keel: en

Alusdokumendid: EN ISO 9038:2021; ISO 9038:2021

Asendab dokumenti: EVS-EN ISO 9038:2013

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 50554:2021

Basic standard for the in-situ assessment of exposure to radio frequency electromagnetic fields in the vicinity of a broadcast site

This document specifies the method for assessing overall exposure from all fixed radio frequency sources at a broadcast site. This assessment can be applied at any time but is carried out when the exposure situation changes in or around the aforementioned site. This document can play an essential role in the coordination of different stakeholders, with respect to ensuring EMF exposure compliance in the vicinity of a broadcast site especially for equipment installed within the site.

Keel: en

Alusdokumendid: EN 50554:2021

Asendab dokumenti: EVS-EN 50554:2010

EVS-EN ISO 11202:2010/A1:2021

Akustika. Masinate ja seadmete müra. Töökoha ja muude määratud asukohtade helirõhutaseme määramine koos keskkonnaoludest tulenevate ligikaudsete korrektsioonide kohaldamisega

Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections - Amendment 1 (ISO 11202:2010/Amd 1:2020)

Muudatus standardile EN ISO 11202:2010

Keel: en

Alusdokumendid: EN ISO 11202:2010/A1:2021; ISO 11202:2010/Amd 1:2020

Muudab dokumenti: EVS-EN ISO 11202:2010

EVS-EN ISO 11202:2010+A1:2021

Akustika. Masinate ja seadmete müra. Töökoha ja muude määratud asukohtade helirõhutaseme määramine koos keskkonnaoludest tulenevate ligikaudsete korrektsioonide kohaldamisega

Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010 + ISO 11202:2010/Amd 1:2020)

1.1 Üldist See rahvusvaheline standard määratleb meetodi masinate või seadmete tekitatava helirõhutaseme määramiseks töökohas ja muudes kindlaksmääratud kohtades, in situ. Töökoht, kus asub operaator, võib asuda välistingimustes, ruumis, kus

möödetav müraallikas töötab, kabiinis, mis on kinnitatud möödetava müraallika külge, või möödetavast müraallikast eemal asuvas ruumis. Üks või mitu kindlaksmääratud mõõtmiskohta võivad asuda töökoha läheduses või uuritava või mõne muu seadme läheduses. Selliseid mõõtmiskohti nimetatakse ka kõrvalseisjate asukohaks. Tekkivad helirõhutasemed määratakse A-kaalutud tasemetena. Lisaks saab vajaduse korral selle rahvusvahelise standardi kohaselt kindlaks määrata tasemed sagedusribades ja heli C-kaalutud maksimaalse helirõhutaseme. MÄRKUS 1 Standardisarjade ISO 11200 [15] kuni ISO 11205 [19] sisu on kokku võetud standardis ISO 11200 [15]. Esitatakse meetodid kohaliku keskkonnaparanduse määramiseks (kindlaksmääratud piirväärtuse kohaselt), mida rakendatakse möödetud helirõhutasemetele, et kõrvaldada peegeldavate pindade mõju, v.a tasapind, millel müraallikas asub. See parandus põhineb mööteruumi ekvivalentse heli neeldumisalal ja heli leviku karakteristikutel (müraallika asukoht või leviku suund töökohas). Selles rahvusvahelises standardis täpsustatud meetodiga saadakse täpsusastme 2 (tehniline tase) või täpsusastme 3 (vaatlustase) tulemused. Parandusi rakendatakse taustmüra ja eespool kirjeldatud akustilise keskkonna iseloomustamiseks. Antakse juhiseid katsetatava müraallika paigaldamiseks ja kasutamiseks ning mikrofoni asukohtade valimiseks töökoha ja muude kindlaksmääratud mõõtekohtade jaoks. Mõõtmiste üks eesmärk on võrrelda eri seadmegruppide toimivust määratletud keskkonnatingimustes ning standarditud paigaldus- ja töötingimustes. MÄRKUS 2 Saadud andmeid saab kasutada ka tekkiva müra helirõhutasemete deklareerimiseks ja kontrollimiseks standardi ISO 4871 [9] kohaselt. 1.2 Müra tüübid ja müraallikad Selles rahvusvahelises standardis määratletud meetod sobib igat tüüpi müra jaoks (püsiv, muutuv, kõikuv, isoleeritud impulssmüra jne), mis on määratletud standardis ISO 12001. Selles rahvusvahelises standardis määratletud meetod on rakendatav kõigile müraallikatele tüübist ja suurusest olenemata. MÄRKUS Selles rahvusvahelises standardis kasutatakse sõnu „seade“ ja „möödetav müraallikas“ masina või seadme tähistamiseks. 1.3 Mõõtekeskkond Mõõtekeskkonna tüüp mõjutab tekkiva heli helirõhutaseme määramise täpsust. Seda rahvusvahelist standardit saab rakendada kõikides ruumides, ja saab kohaldada standardi nõudeid. Ruumi suhtes kehtivad nõuded on vähem ranged kui standardi ISO 11201 [16] nõuded, eriti nõuded keskkonna akustiliste omaduste kohta. 1.4 Töökoht ja muud määratud mõõtmiskohad See rahvusvaheline standard on kohaldatav töökohtades ja muudes määratud kohtades, kus tuleb määrata helirõhutaseme. Mõõtmisteks on sobivad järgmised kohad: a) töökoht, mis asub müraallika läheduses; see on koht, mida kasutatakse paljude tööstusseadmete ja kodumasinade mõõtmisel; b) kabiinis asuv töökoht, mis on möödetava müraallika lahutamatu osa; see on koht, mida kasutatakse paljude eri liikurmasinate mõõtmisel; c) osaliselt või täielikult suletud töökoht (või ekraaniga kaitstud koht), mille tootja tarnib müraallika lahutamatu osana; d) töökoht, mis on müraallikaga osaliselt või täielikult suletud – selline olukord võib ilmneda mõne suure tööstusseadme korral; e) kõrvalseisja töökohad, kus on isikud, kes ei tööta selle müraallikaga, kuid kes võivad vahetevahel või pidevalt asuda müraallika vahetus läheduses; f) muud määratud kohad, mis ei pruugi olla kellegi töökohad. Töökoht võib asuda ka operaatori määratud liikumisteel (vt jaotis 10.4).

Keel: en, et

Alusdokumendid: ISO 11202:2010; EN ISO 11202:2010; EN ISO 11202:2010/A1:2021; ISO 11202:2010/Amd 1:2020

Konsolideerib dokumenti: EVS-EN ISO 11202:2010

Konsolideerib dokumenti: EVS-EN ISO 11202:2010/A1:2021

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 898-3:2018/A1:2021

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Flat washers with specified property classes - Amendment 1 (ISO 898-3:2018/Amd 1:2020)

Amendment to EN ISO 898-3:2018

Keel: en

Alusdokumendid: ISO 898-3:2018/Amd 1:2020; EN ISO 898-3:2018/A1:2021

Muudab dokumenti: EVS-EN ISO 898-3:2018

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13445-10:2021

Leekkuumutusega surveanumad. Osa 10: Täiendavad nõuded niklist või niklisulamist surveanumatele

Unfired pressure vessels - Part 10: Additional requirements for pressure vessels of nickel and nickel alloys

This Part 10 of this document specifies requirements for unfired pressure vessels and their parts made of nickel and nickel alloys (see 3.1) in addition to the general requirements for unfired pressure vessels under EN 13445-1:2019, EN 13445-2:2019, EN 13445-3:2019, EN 13445-4:2019 and EN 13445-5:2019. NOTE Cast materials are not included in this version. Details regarding cast materials will be subject to an amendment to or a revision of this document.

Keel: en

Alusdokumendid: EN 13445-10:2021

Asendab dokumenti: EVS-EN 13445-10:2015

EVS-EN 13445-3:2021

Leekkuumutusega surveanumad. Osa 3: Kavandamine

Unfired pressure vessels - Part 3: Design

This Part of this document specifies requirements for the design of unfired pressure vessels covered by EN 13445-1:2019 and constructed of steels in accordance with EN 13445-2:2019. EN 13445-5:2019, Annex C specifies requirements for the design of access and inspection openings, closing mechanisms and special locking elements. NOTE This Part applies to design of vessels before putting into service. It may be used for in service calculation or analysis subject to appropriate adjustment.

Keel: en

Alusdokumendid: EN 13445-3:2021
Asendab dokumenti: EVS-EN 13445-3:2014/A1:2015
Asendab dokumenti: EVS-EN 13445-3:2014/A2:2016
Asendab dokumenti: EVS-EN 13445-3:2014/A3:2017
Asendab dokumenti: EVS-EN 13445-3:2014/A4:2018
Asendab dokumenti: EVS-EN 13445-3:2014/A5:2018
Asendab dokumenti: EVS-EN 13445-3:2014/A6:2019
Asendab dokumenti: EVS-EN 13445-3:2014/A7:2019
Asendab dokumenti: EVS-EN 13445-3:2014/A8:2019
Asendab dokumenti: EVS-EN 13445-3:2014+A1+A2+A3+A4:2018

EVS-EN 13445-6:2021

Leekkuumutusega surveanumad. Osa 6: Nõuded keragrafiitmalmist toodetud surveanumate ja survedetailide kavandamisele ja valmistamisele

Unfired pressure vessels - Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron

This document specifies requirements for the design, materials, manufacturing and testing of pressure vessels and pressure vessel parts intended for use with a maximum allowable pressure, PS, equal or less than: - 100 bar when containing gases or liquids in group 1 or 2 - 1000 bar when containing liquids in group 2 only. and shell wall thicknesses not exceeding 60 mm, which are constructed of ferritic or austenitic spheroidal graphite cast iron. The thickness limitation of the shell does not apply to thickness of flanges, reinforcements, bosses etc. NOTE 1 Austenitic spheroidal graphite cast iron grades are principally used for high and low temperature applications and for their corrosion resistance properties. NOTE 2 The allowable grades of spheroidal graphite cast iron are listed in Tables 5.1-1 and 5.1-2. Service conditions are given in Clause 4. This document, EN 13445-6, does not include lamellar graphite cast iron grades for ferritic and austenitic grades with, with an elongation after fracture equal or less than 15 % which are explicitly excluded. Requirements for the use of cast irons with an elongation after fracture equal or less than 15 % are given in EN 15776.

Keel: en

Alusdokumendid: EN 13445-6:2021
Asendab dokumenti: EVS-EN 13445-6:2014/A1:2015
Asendab dokumenti: EVS-EN 13445-6:2014/A2:2018
Asendab dokumenti: EVS-EN 13445-6:2014+A1:2015

EVS-EN 13445-8:2021

Leekkuumutusega surveanumad. Osa 8: Täiendavad nõuded alumiiniumist või alumiiniumsulamist surveanumatele

Unfired pressure vessels - Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys

This document specifies requirements for unfired pressure vessels and their parts made of aluminium and aluminium alloys in addition to the general requirements for unfired pressure vessels under EN 13445:2019 Parts 1 to 5. This document specifies unfired pressure vessels for loads up to 500 full cycles. NOTE Cast materials are not included in this version. Details regarding cast materials will be subject to an amendment to or a revision of this document.

Keel: en

Alusdokumendid: EN 13445-8:2021
Asendab dokumenti: EVS-EN 13445-8:2014/A1:2014
Asendab dokumenti: EVS-EN 13445-8:2014+A1:2014

EVS-EN 17476:2021

Specifications for dedicated liquefied petroleum gas appliances - LPG vapour pressure appliances incorporating a horizontal cartridge in the chassis

This document specifies the construction characteristics, performances and marking related to safety and the rational use of energy of portable, flat gas appliances directly supplied at the LPG vapour pressure, incorporating a gas cartridge complying with EN 417:2012, inserted horizontally in the chassis. NOTE 1 These appliances are referred to in the body of the text as "appliances". This document covers appliances for outdoor or in well ventilated areas uses only. This document does not cover appliances supplied by an external gas source. For example, the following types of appliances are covered: a) cooking appliances (stoves, barbecues); b) heating appliances. This document specifies the requirements applicable to these appliances or their functional sections whether or not the latter are independent or incorporated into an assembly. Appliances covered by this document are not connected to a flue for the discharge of products of combustion and are not connected to the mains electricity supply. This document covers neither appliances supplied with LPG in the liquid phase nor appliance with fixed integral container which could be refilled by the user. This document does not cover appliances of direct pressure propane category. Requirements for rational use of energy have been considered for stove burners. NOTE 2 However, such requirements have not been considered for the other types of appliances because: - for barbecues, this type of cooking varies according to the type of food and region where the appliance is used; - for heating appliances, all the heat produced is discharged into the environment.

Keel: en

Alusdokumendid: EN 17476:2021

EVS-EN ISO 1402:2021

Rubber and plastics hoses and hose assemblies - Hydrostatic testing (ISO 1402:2021)

This document specifies methods for the hydrostatic testing of rubber and plastics hoses and hose assemblies, including methods for the determination of dimensional stability.

Keel: en

Alusdokumendid: ISO 1402:2021; EN ISO 1402:2021

Asendab dokumenti: EVS-EN ISO 1402:2009

EVS-EN ISO 7233:2021

Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum (ISO 7233:2021)

This document specifies three methods for determining the resistance to vacuum of hoses and hose assemblies manufactured from plastic or rubber. Applicable dimensions of hoses for each method are as follows: — method A for hoses of nominal size up to and including 80; — method B for hoses of nominal size greater than 80; — method C for hoses of all dimensions. If not otherwise specified in the product standard, method C can be used as an alternative to methods A and B. Methods A and B can also be used to check the adhesion of the lining to the reinforcement (delamination) in a length of hard-wall hose or hose assembly.

Keel: en

Alusdokumendid: ISO 7233:2021; EN ISO 7233:2021

Asendab dokumenti: EVS-EN ISO 7233:2016

25 TOOTMISTEHNOLOOGIA

EVS-EN 13603:2021

Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes

This document specifies methods for assessing the tin coating on drawn round copper wire for the manufacture of electrical conductors, e.g. according to EN 13602. This document includes test methods for the determination of the following characteristics: a) thickness of the unalloyed tin coating; b) continuity of the tin coating; c) adherence of the tin coating. **WARNING** — This document can involve the use of hazardous materials, operations, and equipment. This document does not purport to address all of the safety problems associated with their use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Moreover this document does not cover the aspects related to the people protection against the X-ray. To obtain information applicable to this aspect, it is convenient to refer to national and international standards, and also to the local regulations if they exist.

Keel: en

Alusdokumendid: EN 13603:2021

Asendab dokumenti: EVS-EN 13603:2013

EVS-EN 16296:2021

Imperfections in thermoplastics welded joints - Quality levels

This document specifies quality levels for imperfections in thermoplastics welded joints that have cooled to ambient temperature and is applicable to material thickness above 2,0 mm. Three quality levels are specified in order to permit application for a wide range of welded fabrication. They are designated by symbols B, C and D, where B is the most stringent. The quality levels refer to production quality and not to the fitness-for-purpose (see 3.2) of the manufactured product. The quality level necessary are expected to be defined by the application standard or by the fabricator in conjunction with the user and/or other parties concerned. The level is expected to be prescribed before the start of production, preferably at the enquiry or order stage. This document applies to the following thermoplastic materials in Table 1: and to the following welding processes: - heated tool welding; - electrofusion socket welding; - hot gas welding using filler rod only; - extrusion welding; - solvent welding of pipes.

Keel: en

Alusdokumendid: EN 16296:2021

Asendab dokumenti: EVS-EN 16296:2012

EVS-EN IEC 62841-3-7:2021

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning

aiatöömashinad. Ohutus. Osa 3-7: Erinõuded transporditavatele seinasaagidele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-7: Particular requirements for transportable wall saws

IEC 62841-3-7:2020 This document applies to transportable wall saws guided by a track guiding system intended for dry cutting or to be connected to a liquid system for cutting concrete, stone or similar material by means of a diamond wheel. The rated speed of the diamond wheel does not exceed a peripheral speed of 100 m/s at rated capacity. The rated voltage is not more than 250 V for single-phase a.c. or d.c. tools, and 480 V for three-phase a.c. tools. This document does not apply to transportable wall saws that are intended to be left unattended while performing an operation. This document does not apply to transportable wall saws that employ hydraulic systems. This document does not apply to hand-held cut-off machines.

Keel: en

Alusdokumendid: IEC 62841-3-7:2020; EN IEC 62841-3-7:2021

EVS-EN IEC 62841-3-7:2021/A11:2021

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-7: Erinõuded transporditavatele seinasaagidele Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-7: Particular requirements for transportable wall saws

This standard applies to transportable wall saws guided by a track guiding system intended for dry cutting or to be connected to a liquid system for cutting concrete, stone or similar material by means of a diamond wheel. The rated speed of the diamond wheel does not exceed a peripheral speed of 100 m/s at rated capacity.

Keel: en

Alusdokumendid: EN IEC 62841-3-7:2021/A11:2021

Muudab dokumenti: EVS-EN IEC 62841-3-7:2021

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 437:2021

Test gases - Test pressures - Appliance categories

This document specifies the test gases, test pressures and categories of appliances relative to the use of gaseous fuels of the first, second and third families. It serves as a reference document in the specific standards for appliances. The document makes recommendations for the use of the gases and pressures to be applied for the tests of appliances burning gaseous fuels. NOTE Procedures for tests are given in the corresponding appliance standards. The test gases and the test pressures specified in this standard are in principle intended to be used with all types of appliances. However, the use of some test gases and test pressures may not be appropriate in the following cases: - appliances with nominal heat input greater than 300 kW; - appliances constructed on site; - appliances in which the final design is influenced by the user; - appliances constructed for use with high supply pressures (notably direct use of the saturated vapour pressure). In these cases, the specific appliance standards may specify other test conditions in order to establish compliance with their requirements.

Keel: en

Alusdokumendid: EN 437:2021

Asendab dokumenti: EVS-EN 437:2018

EVS-EN IEC 63046:2021

Nuclear power plants - Electrical power system - General requirements

See the scope of IEC 63046:2020. Adoption of IEC 63046:2020 is to be done without modification.

Keel: en

Alusdokumendid: IEC 63046:2020; EN IEC 63046:2021

EVS-EN ISO 23343-1:2021

Solid biofuels - Determination of water sorption and its effect on durability of thermally treated biomass fuels - Part 1: Pellets (ISO 23343-1:2021)

This document describes a method for determination of sorption of graded thermally treated and densified biomass fuels such as classified in ISO/TS 17225-8. Apart from pelletized materials as described in ISO/TS 17225-8, the method can also be applied to non-compressed or non-densified thermally treated biomass as specified in ISO 17225-1 Table 14 and Table 15.

Keel: en

Alusdokumendid: ISO 23343-1:2021; EN ISO 23343-1:2021

29 ELEKTROTEHNIKA

EVS-EN 60838-1:2017/A11:2021

Mitmesugused lambipesad. Osa 1: Üldnõuded ja katsetused Miscellaneous lampholders - Part 1: General requirements and tests

Standardi EN 60838-1:2017 muudatus

Keel: en

Alusdokumendid: EN 60838-1:2017/A11:2021

Muudab dokumenti: EVS-EN 60838-1:2017

EVS-EN IEC 60773:2021

Rotating electrical machines - Test methods and apparatus for the measurement of the operational characteristics of brushes

This document applies to test methods for the measurement of the operational characteristics of brushes designed to operate on commutating and slip ring machines under specified test conditions. By extension some tests may be relevant for other kinds of sliding electrical contacts for electrical appliances.

Keel: en

Alusdokumendid: IEC 60773:2021; EN IEC 60773:2021

EVS-EN IEC 60809:2021

Lamps and light sources for road vehicles - Dimensional, electrical and luminous requirements

This document is applicable to electric light sources (see Note 1) for use in automotive applications, for example in road illumination devices and/or light signalling devices for road vehicles. It is especially applicable to light sources listed in UN Resolution R.E.5 and light sources subject to other legislations. This document specifies the technical requirements for interchangeability for example dimensional, electrical and photometrical characteristics, and includes test methods. For the light sources listed in this document, the data sheets are contained either in this document or are included by reference to UN Resolution R.E.5. Performance requirements are specified in IEC 60810, for example life, torsion strength, resistance to vibration and shock. The requirements for miniature light sources for supplementary purposes, not subject to legislation, are specified in IEC 60983. NOTE 1 The terms "lamp" and "light source" are both used in this document to mean the same product, so the two terms are interchangeable throughout this document. NOTE 2 In various vocabularies and standards, different terms are used for "incandescent lamp" (IEC 60050845:1987, 845-07-04), "discharge lamp" (IEC 60050-845:1987, 845-07-17) and "LED lamp". In this document "filament lamp", "discharge lamp" and "LED light source" are used, however, where only "lamp" or "light source" is written, all light sources, independent of the technology used, are meant, unless the context clearly shows that it applies to one kind of technology only. In the UN Regulations, the word "light source" is used for the products specified in this document. NOTE 3 Wherever the term "device" is used, it is meant to designate equipment which is used as a luminaire. It can for instance take the form and purpose of a headlight or signal light.

Keel: en

Alusdokumendid: IEC 60809:2021; EN IEC 60809:2021

Asendab dokumenti: EVS-EN 60809:2015

Asendab dokumenti: EVS-EN 60809:2015/A1:2017

Asendab dokumenti: EVS-EN 60809:2015/A3:2019

Asendab dokumenti: EVS-EN IEC 60809:2015/A2:2018

EVS-EN IEC 61439-1:2021

Madalpingelised aparaadikoosted. Osa 1: Üldreeglid

Low-voltage switchgear and controlgear assemblies - Part 1: General rules (IEC 61439-1:2020)

See standardisarja IEC 61439 osa esitab madalpingeliste aparaadikoostete üldmääratlused ja kehtestab nende talitlustingimused, ehitusnõuded, tehnilised tunnusandmed ja kontrollinõuded. MÄRKUS Kogu selles dokumendis kasutatakse terminit kooste(d) (vt termin 3.1.1) üksnes madalpingelis(t)e aparaadikooste(te) tähenduses. Kooste vastavuse tõendamise eesmärgil rakendatakse standardisarja IEC 61439 asjakohase osa nõudeid alates osast 2 koos selle dokumendi viidatud nõuetega. Koostete kohta, mis ei ole hõlmatud osadega alates osast 3, rakendatakse osa 2. See dokument rakendub koostete kohta, kui see on nõutav üksnes asjakohase koostestandardiga, järgmiselt: — koosted, mille tunnus-vahelduvpinge ei ole üle 1000 V ega tunnus-alalispinge üle 1500 V; — koosted, mis on ette nähtud siseneva elektritoite või -toidete nimisagedusele mitte üle 1000 Hz; — koosted, mis on ette nähtud sise- või välisrakendusteks; — kohtkindlad või teistsaldatavad, ümbrisega või ümbriseta koosted; — koosted, mis on ette nähtud kasutamiseks seoses elektrienergia genereerimise, edastamise, jaotamise ja muundamisega ning elektrienergia tarbimisseadmete juhtimisega. See dokument ei rakendu üksikseadmete ja iseseisvate komponentide kohta, nagu mootorikäivited, sulavkaitsetega ühitatud lülitid, elektron-jõumuundursüsteemid ja -seadmed (power electronic converter systems and equipment, PECS), lülitimooduselised jõutoiteallikad (switch mode power supplies, SMPS), katkestusvabad toiteallikad (uninterruptable power supplies, UPS), põhijamisüsteemid (basic drive modules, BDM), kompleksed ajamisüsteemid (complete drive modules, CDM), reguleeritava kiirusega elektri ajamisüsteemid (adjustable speed power drives systems, PDS) ja muud elektroonikaseadmed, mis vastavad oma asjakohastele tootestandarditele. See dokument kirjeldab seadiste ja iseseisvate komponentide sisseehitamist koostesse või koostet kujundavasse tühja ümbrisesse. Mõnedes rakendustes, mida iseloomustab näiteks plahvatusohtliku keskkonna olemasolu või funktsionaalse turvalisuse nõue, võib lisaks standardisarjas IEC 61439 sätestatuile vaja olla täita muude standardite või seadusaktide nõudeid.

Keel: en, et

Alusdokumendid: IEC 61439-1:2020; EN IEC 61439-1:2021

Asendab dokumenti: EVS-EN 61439-1:2012

EVS-EN IEC 61439-2:2021

Madalpingelised aparaadikoosted. Osa 2: Jõuaparaadikoosted

Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies (IEC 61439-2:2020)

See standardisarja IEC 61439 osa määratleb erinõuded jõu-lülitusaparaate ja juhtimisaparaate sisaldavatele koostetele (selle dokumendi ulatuses lühendatult jõuaparaadikoostetele, vt termin 3.1.101) järgmiselt: • koostetele, mille tunnuspinge ei ole vahelduvvoolu korral üle 1000 V ega alalisvoolu korral üle 1500 V; • koostetele, mis on ette nähtud sisendtoite või -toidete nimisagedusele mitte üle 1000 Hz; MÄRKUS 1 Sagedust üle 1 kHz arvestatakse kõrgsagedusena (vt ka standardi IEC 60664-1:2007 jaotis 5.3.3.2.5), mis vajab isolatsiooni koordinaatsiooni lisapiirangute arvesse võtmist. • koostetele, mis on ette nähtud sise- või välisrakendusteks; • kohtkindlatele või teistsaldatavatele, ümbrisega või ümbriseta koostetele; • koostetele, mis on ette nähtud kasutamiseks seoses elektrienergia genereerimise, edastamise, jaotamise ja muundamisega ning elektritarvitite juhtimisega ja kaasneva andmetöötlusega; • koostetele, mis on projekteeritud kasutamiseks eritalitlusoludes, nt laevadel või rööbassõidukitel, kui on tagatud, et ka muud asjakohased erinõuded on täidetud. MÄRKUS 2 Laevade koostetele esitatavad lisanõuded on esitatud standardis IEC 60092-302-2. See dokument rakendub ka koostetele, mis on mõeldud kasutamiseks fotoelektrilistes paigaldistes ja mida nimetatakse fotoelektrilisteks koosteteks (photovoltaic assemblies, PVA). Fotoelektriliste koostete eriomadused, eritalitlusolud ja nõuded sisalduvad lisades DD, EE ja FF. See dokument näeb ette lisanõuded jõuaparaadikoostetele, mis on ette nähtud kasutamiseks masinate elektriseadmete osana ja mis võivad rakenduda lisaks standardis IEC 60204-1 esitatud nõuetele. See dokument kehtib kõikidele koostetele, mida projekteeritakse, valmistatakse ja kontrollitakse üksikult või mis on täielikult standarditud ning mida toodetakse hulgi. Koosteid võivad toota ja/või kokku panna peale esmatootja (vt standardi IEC 61439-1:2020 termin 3.10.1) ka teised juriidilised isikud. See dokument ei kehti üksikseadmete (näiteks kaitselülite ja sulavkaitse-lüliti-kombinatsioonide) ega iseseisvate komponentide (nagu näiteks mootorikävitite, jõu-elektronmuundursüsteemide ja -seadmete (power electronic converter systems and equipment, PECS),

lülitusmooduses toiteallikate (switch mode power supplies, SMPS), katkestusvabade toiteallikate (uninterruptable power supplies, UPS), põhi-ajamimoodulite (basic drive modules, BDM), komplektsete ajamimoodulite (complete drive modules, CDM), reguleeritava kiirusega jõuajamisüsteemide (power drives systems, PDS), autonoomsete (galvaanielementide patareidel ja kondensaatoritel põhinevate) energiasalvestussüsteemide) ja muude elektroonikaseadmete kohta, mis vastavad nende endi asjakohastele tootestandarditele. See dokument kirjeldab nende integreerimist jõuaparaadikoostesse või tühja ümbrisesse, mida kasutatakse jõuaparaadikooste osana. Mõnedel rakendustel, nagu näiteks plahvatusohtlikes keskkondades või funktsionaalse ohutuse tagamisel, võib tekkida vajadus täita lisaks standardisarjas IEC 61439 sätestatuile muude standardite või õigusaktide nõudeid. See dokument ei kehti erikoostete kohta, mida käsitlevad standardisarja IEC 61439 muud osad. Koostete kohta, mida standardisarja muudes osades ei käsitleta, kehtib see osa. Kui kohalik seadusandlus ei esita üksikasjalikke lisanõudeid, eeldatakse, et selle dokumendi käsitlusalasse kuuluvad seadmed, mis vastavad sellele dokumendile, täidavad põhilisi ohutusnõudeid. Siia kuuluvad täielikult kontrollitud erivariandid, näiteks kasutajapoolse kaitse valik ohtlike pingestatud osade juhuliku puudutamise eest kaitseviiside IPXXB või IP3XD puhul. Kui kasutaja ja tootja vahel on kokku lepitud erinõuded, mis ei ole täielikult sätestatud selles dokumendis, näiteks kui (i) kooste osa on väljaspool selle dokumendi käsitlusala, (ii) paigalduskohas on tegemist erakordse vibratsiooniga, (iii) talitluses võib tekkida erakordseid pingekoikumisi või (iv) võivad tekkida heli- või ultrahelilialikate kahjulikud toimed, võib vaja olla nõuda riskihinnangut ja/või rakendada rangemaid või lisa-kontrolliviise, et näidata põhiliste ohutusnõuete täidetust.

Keel: en, et

Alusdokumendid: IEC 61439-2:2020; EN IEC 61439-2:2021

Asendab dokumenti: EVS-EN 61439-2:2012

31 ELEKTROONIKA

EVS-EN 60286-1:2017/A1:2021

Packaging of components for automatic handling - Part 1: Tape packaging of components with axial leads on continuous tapes

Amendment to EN 60286-1:2017

Keel: en

Alusdokumendid: IEC 60286-1:2017/A1:2021; EN 60286-1:2017/A1:2021

Muudab dokumenti: EVS-EN 60286-1:2017

EVS-EN IEC 60384-2:2021

Fixed capacitors for use in electronic equipment - Part 2: Sectional specification - Fixed metallized polyethylene-terephthalate film dielectric DC capacitors

This part of IEC 60384 applies to fixed capacitors for direct current, with metallized electrodes and polyethylene-terephthalate dielectric for use in electronic equipment. These capacitors have a possibility of "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. Two performance grades of capacitors are covered: grade 1 for long-life application and grade 2 for general application. Capacitors for electromagnetic interference suppression and surface mount fixed metallized polyethylene-terephthalate film dielectric DC capacitors are not included, but are covered by IEC 60384-14 and IEC 60384-19, respectively. The object of this document is to prescribe preferred ratings and characteristics and to select from IEC 60384-1 the appropriate quality assessment procedures, tests and measuring methods, and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification are of equal or higher performance level, because lower performance levels are not permitted.

Keel: en

Alusdokumendid: IEC 60384-2:2021; EN IEC 60384-2:2021

Asendab dokumenti: EVS-EN 60384-2:2012

EVS-EN IEC 61587-6:2021

Mechanical structures for electrical and electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 6: Security aspects for indoor cabinets

IEC 61587-6:2021 specifies security aspects and security performance levels of the mechanical construction of indoor cabinets in accordance with IEC 60917 (all parts) and IEC 60297 (all parts). This document does not address vandalism. This second edition cancels and replaces the first edition published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Revised and expanded terms and definitions. b) Additional information in 4.2 Access security level of the cabinet. c) Revised requirements for Security performance levels of cabinets and added additional levels in Table 2 – Security performance levels of cabinets. d) Added a column for panel strength in Table 3 – Security performance levels of cabinet – mechanical. e) Revised test for mechanical lock (and hinges added) in 5.2.2 Tests for strength of mechanical locks and hinges. f) Added 5.2.4 Tests for panel strength. g) Added additional description of Key function in Table 5 – Security performance levels of key. h) Revised test method for handles in Annex A.

Keel: en

Alusdokumendid: IEC 61587-6:2021; EN IEC 61587-6:2021

Asendab dokumenti: EVS-EN 61587-6:2017

EVS-EN 300 338-1 V1.6.1:2021**Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 1: Common requirements**

The present document states the minimum requirements for equipment to be used for generation, transmission and reception of Digital Selective Calling (DSC) for use on board ships. DSC is intended to be used in the Medium Frequency (MF), High Frequency (HF) and Very High Frequency (VHF) bands of the Maritime Mobile Service (MMS), for distress, urgency and safety communication and general communications. The present document is part 1 of a multi-part deliverable that covers the requirements to be fulfilled by: • DSC equipment integrated with a transmitter and/or a receiver; • DSC equipment not integrated with a transmitter and/or a receiver. These requirements include the relevant provisions of the ITU Radio Regulations and Recommendations ITU-R M.493-15, M.541-10, M.689-3 and M.1082-1, the International Convention for the Safety Of Life At Sea (SOLAS), and the relevant resolutions of the International Maritime Organization (IMO). Equipment for generation, transmission and reception of DSC designed according to the following equipment classes: • Class A: includes all the facilities defined in annex 1 of Recommendation ITU-R M.493-15 and complies with the IMO Global Maritime Distress and Safety System (GMDSS) carriage requirements for MF/HF installations and/or VHF installations. • Class D: provides minimum facilities for VHF DSC distress, urgency and safety as well as routine calling and reception as recommended by IMO MSC/Circ.803 for non-SOLAS vessels participating in the GMDSS. • Class E: provides minimum facilities for MF and/or HF DSC distress, urgency and safety as well as routine calling and reception as recommended by IMO MSC/Circ.803 for non-SOLAS vessels participating in the GMDSS. • Class H: provides minimum facilities for handheld VHF DSC distress, urgency and safety as well as routine calling and reception as recommended by IMO MSC/Circ.803 for non-SOLAS vessels participating in the GMDSS. • Class M: provides minimum facilities for VHF Man Overboard devices as defined in Recommendation ITU-R M.493-15. NOTE 1: Class A equipment may support the optional semi-automatic/automatic service in accordance with Recommendations ITU-R M.689-3, M.1082-1 and M.493-15, tables A1-4.10.1 and A1-4.10.2 and are encouraged to do so. NOTE 2: Class D and Class E equipment may also support the optional semi-automatic/automatic service. NOTE 3: Class D, Class E, Class H should provide a defined list of functions as a closed list of equipment is the preferable approach to ensure safe and simple operation. Optional functions should be avoided, with the intention to provide the same functionality of all equipment of one class.

Keel: en

Alusdokumendid: ETSI EN 300 338-1 V1.6.1

EVS-EN 303 980 V1.2.1:2021

Satelliitside maajaamad ja süsteemid (SES); Saatesagedusel 11 GHz - 14 GHz mittegeostatsionaarorbiidil satelliidisüsteemidega (NEST) suhtlevad statsionaarsed ja liikuvad maajaamad; Raadiospektrile juurdepääsu harmoneeritud standard
Satellite Earth Stations and Systems (SES); Fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz FSS frequency bands, which have the following characteristics: • The NEST is designed for both in-motion and stationary operation. • The NEST operates in-motion on various platforms such as trains, maritime vessels, aircraft and other vehicles and, therefore, may be subject to occasional disturbances and interruptions in the satellite link. • The NEST is operating as part of a satellite system used for the provision of broadband communications. • The NEST is comprised of all the equipment, electrical and mechanical, from the antenna itself to the interface with other communications equipment on a mobile platform. • The NEST comprises one or more emitters and the system overview as given in Figure 1 should be interpreted accordingly. • The transmit and receive frequencies are shown in Table 1. Table 1: Frequency bands Transmit (Earth-to-space) 14,0 GHz to 14,50 GHz Receive (space-to-Earth) 10,70 GHz to 12,75 GHz • The NEST transmits within the frequency range from 14,0 GHz to 14,50 GHz. • The NEST receives within the range from 10,70 GHz to 12,75 GHz. The NEST transmits at elevation angles of 35° or greater, relative to the horizontal plane. • The NEST uses linear or circular polarization. • The NEST communicates with non-geostationary satellites. • The NEST is designed for unattended operation. • The NEST is controlled and monitored by a Network Control Facility (NCF). The NCF is outside the scope of the present document. The present document applies to the NEST with its ancillary equipment and its various telecommunication ports, and when operated within the boundary limits of the operational environmental profile as declared by the manufacturer and when installed as required by the manufacturer's declaration or in the user documentation. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en

Alusdokumendid: ETSI EN 303 980 V1.2.1

EVS-EN 319 401 V2.3.1:2021**Electronic Signatures and Infrastructures (ESI); General Policy Requirements for Trust Service Providers**

The present document specifies general policy requirements relating to Trust Service Providers (TSPs) that are independent of the type of TSP. It defines policy requirements on the operation and management practices of TSPs. Other specifications refine and extend these requirements as applicable to particular forms of TSP. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 for details about requirements for conformity assessment bodies assessing Trust Service Providers.

Keel: en
Alusdokumendid: ETSI EN 319 401 V2.3.1

EVS-EN 319 411-1 V1.3.1:2021

Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements

The present document specifies generally applicable policy and security requirements for Trust Service Providers (TSPs) issuing public key certificates, including trusted web site certificates. The policy and security requirements are defined in terms of requirements for the issuance, maintenance and life-cycle management of certificates. These policy and security requirements support several reference certificate policies, defined in clauses 4 and 5. A framework for the definition of policy requirements for TSPs issuing certificates in a specific context where particular requirements apply is defined in clause 7. The present document covers requirements for CA hierarchies, however this is limited to supporting the policies as specified in the present document. It does not include requirements for root CAs and intermediate CAs for other purposes. The present document is applicable to: • the general requirements of certification in support of cryptographic mechanisms, including digital signatures for electronic signatures and seals; • the general requirements of certification authorities issuing TLS/SSL certificates; • the general requirements of the use of cryptography for authentication and encryption. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 401 for general policy requirements common to all classes of TSP's services. The present document includes provisions consistent with the requirements from the CA/Browser Forum in EVCG and BRG.

Keel: en
Alusdokumendid: ETSI EN 319 411-1 V1.3.1

EVS-EN 319 412-1 V1.4.4:2021

Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures

The present document provides an overview of the Recommendation ITU-T X.509 | ISO/IEC 9594-8 based certificate profiles and the statements for EU Qualified Certificates specified in other parts of ETSI EN 319 412. It specifies common data structures that are referenced from other parts of ETSI EN 319 412. The profiles specified in this multi-part deliverable aim to support both the Regulation (EU) No 910/2014 and use of certificates in a wider international context. Within the European context, it aims to support both EU Qualified Certificates and other forms of certificate.

Keel: en
Alusdokumendid: ETSI EN 319 412-1 V1.4.4

EVS-EN 55011:2016/A2:2021

Tööstus-, teadus- ja meditsiiniseadmed. Raadiosageduslike häiringute tunnussuurused. Piirväärtused ja mõõtemetodid Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement

Muudatus standardile EN 55011:2016

Keel: en
Alusdokumendid: EN 55011:2016/A2:2021; CISPR 11:2015/A2:2019
Muudab dokumenti: EVS-EN 55011:2016
Muudab dokumenti: EVS-EN 55011:2016+A1:2017
Muudab dokumenti: EVS-EN 55011:2016+A1+A11:2020

EVS-EN 55011:2016+A1+A11+A2:2021

Tööstus-, teadus- ja meditsiiniseadmed. Raadiosageduslike häiringute tunnussuurused. Piirväärtused ja mõõtemetodid Industrial, scientific and medical equipment - Radiofrequency disturbance characteristics - Limits and methods of measurement (CISPR 11:2015, modified + CISPR 11:2015/A1:2016 + CISPR 11:2015/A2:2019)

This International Standard applies to industrial, scientific and medical electrical equipment operating in the frequency range 0 Hz to 400 GHz and to domestic and similar appliances designed to generate and/or use locally radio-frequency energy. This standard covers emission requirements related to radio-frequency (RF) disturbances in the frequency range of 9 kHz to 400 GHz. Measurements need only be performed in frequency ranges where limits are specified in Clause 6. For ISM RF applications in the meaning of the definition found in the ITU Radio Regulations (see Definition 3.13), this standard covers emission requirements related to radio-frequency disturbances in the frequency range of 9 kHz to 18 GHz. NOTE Emission requirements for induction cooking appliances are specified in CISPR 14-1 [1]. Requirements for ISM RF lighting equipment and UV irradiators operating at frequencies within the ISM frequency bands defined by the ITU Radio Regulations are contained in this standard. Equipment covered by other CISPR product and product family emission standards are excluded from the scope of this standard.

Keel: en
Alusdokumendid: CISPR 11:2015; EN 55011:2016; CISPR 11:2015/A1:2016; EN 55011:2016/A1:2017; EN 55011:2016/A11:2020; CISPR 11:2015/A2:2019; EN 55011:2016/A2:2021
Konsolideerib dokumenti: EVS-EN 55011:2016

Konsolideerib dokumenti: EVS-EN 55011:2016/A1:2017
Konsolideerib dokumenti: EVS-EN 55011:2016/A11:2020
Konsolideerib dokumenti: EVS-EN 55011:2016/A2:2021
Konsolideerib dokumenti: EVS-EN 55011:2016+A1:2017
Konsolideerib dokumenti: EVS-EN 55011:2016+A1+A11:2020

EVS-EN IEC 60794-3-70:2021

Optical fibre cables - Part 3-70: Outdoor cables - Family specification for outdoor optical fibre cables for rapid/multiple deployment

IEC 60794-3-70:2021 covers outdoor optical fibre cables intended for rugged terrestrial rapid/multiple deployment. These cables, with enhanced mechanical, environmental and ingress performance can be used wherever a rapid or multiple deployment is relevant (e.g. mobile broadcast units, emergency rescue services, tactical ground-forces, outdoor motion-robotics, mining machinery, temporary repair cables for damaged links, etc.). This second edition cancels and replaces the first edition published in 2016. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - incorporation of the new classification system for optical fibre categories, sub-categories in IEC 60793-2-10; - incorporation of the new classification system for optical fibre categories, sub-categories and models in IEC 60793-2-50; - updating of cabled fibre performance categories in alignment with ISO/IEC 11801-1; - updating of bibliographical references.

Keel: en

Alusdokumendid: IEC 60794-3-70:2021; EN IEC 60794-3-70:2021

Asendab dokumenti: EVS-EN 60794-3-70:2016

EVS-EN IEC 60794-4-30:2021

Optical fibre cables - Part 4-30: Aerial optical cables along electrical power lines - Family specification for optical phase conductor (OPPC) optical cables

This part of IEC 60794, which is a family specification, specifies the optical fibre, cable elements, cable construction requirements, main requirements for installation and operating conditions, cable design characteristics and test for OPPC (optical phase conductor), used for carrying current as well as communication and data transmission. The corresponding environmental declaration can be built according to IEC TR 62839-1. The OPPC is a substitute for a conventional phase bare conductor containing optical fibres. Usually, the fibres are embedded loosely in protective buffer tubes. To fulfil mechanical and electrical requirements, an armouring of one or more layers with aluminium, aluminium alloy, and aluminium clad steel, galvanized steel or a mixture of them is helically stranded.

Keel: en

Alusdokumendid: IEC 60794-4-30:2021; EN IEC 60794-4-30:2021

EVS-EN IEC 61000-3-2:2019/A1:2021

Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmonikute emissiooni lubatavad piirväärtused (seadmetel sisendvooluga kuni 16 A faasi kohta)

Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

Standardi EN IEC 61000-3-2:2019 muudatus

Keel: en

Alusdokumendid: IEC 61000-3-2:2018/A1:2020; EN IEC 61000-3-2:2019/A1:2021

Muudab dokumenti: EVS-EN IEC 61000-3-2:2019

EVS-EN IEC 61000-3-2:2019+A1:2021

Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmonikute emissiooni lubatavad piirväärtused (seadmetel sisendvooluga kuni 16 A faasi kohta)

Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:2018 + IEC 61000-3-2:2018/A1:2020)

This part of IEC 61000 deals with the limitation of harmonic currents injected into the public supply system. It specifies limits of harmonic components of the input current which can be produced by equipment tested under specified conditions. This part of IEC 61000 is applicable to electrical and electronic equipment having a rated input current up to and including 16 A per phase, and intended to be connected to public low-voltage distribution systems. Arc welding equipment, which is not professional equipment, with a rated input current up to and including 16 A per phase, is included in the scope of this document. All other arc welding equipment is excluded from the scope of this document; however, the harmonics emission can be evaluated using IEC 61000-3-12 and relevant installation restrictions. The tests according to this document are type tests. For systems with nominal voltages less than but not equal to 220 V (line-to-neutral), the limits have not yet been considered. NOTE The words apparatus, appliance, device and equipment are used throughout this document. They have the same meaning for the purposes of this document.

Keel: en

Alusdokumendid: IEC 61000-3-2:2018; EN IEC 61000-3-2:2019; IEC 61000-3-2:2018/A1:2020; EN IEC 61000-3-2:2019/A1:2021

Konsolideerib dokumenti: EVS-EN IEC 61000-3-2:2019

Konsolideerib dokumenti: EVS-EN IEC 61000-3-2:2019/A1:2021

EVS-EN IEC 61753-111-08:2021

Fibre optic interconnecting devices and passive components - Performance standard - Part 111-08: Sealed closures for Category G - Ground

IEC 61752-111-08:2021 contains the minimum tests, test severities and measurement requirements which a sealed fibre optic closure need to meet in order to be categorised as meeting the IEC standard for category G - Ground, as defined in Table A.14 of IEC 61753-1:2018. Free breathing closures are not covered in this document. This first edition cancels and replaces IEC 61753-111-8 published in 2009. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 61753-111-8: a) terms and definitions updated according to IEC 61753-1:2018 and IEC 61756-1:2019; b) test severities updated according to IEC 61753-1:2018; c) sealing tests are done with 20 kPa overpressure; d) pass-fail criterion of pressure loss during test added to mechanical sealing tests; e) vibration sealing test changed to 10 Hz, 3 mm amplitude and 1 000 000 cycles; f) reduced loads added in cable retention test for small diameter cables and tubes; g) reduced loads for cable axial compression test for small diameter cables; h) the duration of the cycles in torsion and bending test is added; i) free fall test removed (is covered by the optical shock test); j) crush resistance test of 1 000 N for 10 min is added; k) assembly and disassembly test: duration reduced to 5 cycles; l) resistance to solvents and contaminating fluids: added immersion in diesel with duration of 1 h and 24 h drying time and added immersion in petroleum jelly for 5 days; m) resistance to stress cracking solvents added for 5 days; n) duration of the change of temperature reduced to 12 cycles; o) water immersion test at 1 m for 7 days added.

Keel: en

Alusdokumendid: IEC 61753-111-08:2021; EN IEC 61753-111-08:2021

Asendab dokumenti: EVS-EN 61753-111-8:2010

35 INFOTEHNOLOOGIA

CEN/TS 17623:2021

BIM Properties for lighting - Luminaires and sensing devices

This document identifies and clarifies lighting properties for digital building design and maintenance. This document provides all the needed properties to design and to describe luminaires and sensing devices. These properties are intended to be used as mapping properties for property providers and requesters. The mapping of the identifiers enables the exchange of luminaire and sensing device data within different databases. The unambiguous mapping and description of properties improve the data quality, reduce misinterpretations and the processing time in digital environments. Therefore, the properties listed in this document establish the essential description of luminaires and sensing devices in BIM systems and databases. The listed properties in this document are used to structure the product data sheet which is complemented with real product information.

Keel: en

Alusdokumendid: CEN/TS 17623:2021

EVS-ISO/IEC 19944-1:2021

Pilvtöötlus ja hajuksplatvormid. Andmevoog, andmekategooriad ja andmete kasutamine. Osa 1: Alused

Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (ISO/IEC 19944-1:2020, identical)

See dokument — laiendab senist standardi ISO/IEC 17788 ja standardi ISO/IEC 17789 pilvtöötuse sõnavara ja etalonarhitektuuri, kirjeldamaks pilvteenuseid kasutatavaid seadmeid sisaldavat ökosüsteemi; — kirjeldab seadmetes ja pilvtöötuse ökosüsteemis kulgevate andmete tüüpe; — kirjeldab ühendatud seadmete toimet pilvtöötuse ökosüsteemis kulgevatele andmetele; — kirjeldab andmevooge pilvteenuste, pilvteenuseklientide ja pilvteenusekasutajate vahel; — esitab alusmõisteid, sealhulgas andmete taksonoomia, ning — piiritleb läbi pilvteenuseklientide seadmete ja pilvteenuste kulgevate andmete kategooriad. See dokument on kohaldatav eelkõige pilvteenusetarnijatele, pilvteenuseklientidele ja pilvteenuste kasutajatele, aga ka igale seadmete ja pilvteenuste vaheliste andmevoogude õiguslikes, poliitilistes, tehnilistes või muudes aspektides osalevale isikule või organisatsioonile.

Keel: en, et

Alusdokumendid: ISO/IEC 19944-1:2020

Asendab dokumenti: EVS-ISO/IEC 19944:2019

43 MAANTEESÕIDUKITE EHITUS

EVS-EN IEC 60809:2021

Lamps and light sources for road vehicles - Dimensional, electrical and luminous requirements

This document is applicable to electric light sources (see Note 1) for use in automotive applications, for example in road illumination devices and/or light signalling devices for road vehicles. It is especially applicable to light sources listed in UN Resolution R.E.5 and light sources subject to other legislations. This document specifies the technical requirements for interchangeability for example dimensional, electrical and photometrical characteristics, and includes test methods. For the light sources listed in this document, the data sheets are contained either in this document or are included by reference to UN Resolution R.E.5. Performance requirements are specified in IEC 60810, for example life, torsion strength, resistance to vibration and shock. The requirements for miniature light sources for supplementary purposes, not subject to legislation, are specified in IEC 60983. NOTE 1 The terms "lamp" and "light source" are both used in this document to mean the same product, so the two terms are interchangeable throughout this document. NOTE 2 In various vocabularies and standards, different terms are used for "incandescent lamp" (IEC 60050845:1987, 845-07-04), "discharge lamp" (IEC 60050-845:1987, 845-07-17) and "LED lamp". In this document "filament lamp", "discharge lamp" and "LED light source" are used, however, where only "lamp" or "light source" is written, all light sources, independent of the technology used, are meant, unless the context clearly shows that it

applies to one kind of technology only. In the UN Regulations, the word "light source" is used for the products specified in this document. NOTE 3 Wherever the term "device" is used, it is meant to designate equipment which is used as a luminaire. It can for instance take the form and purpose of a headlight or signal light.

Keel: en

Alusdokumendid: IEC 60809:2021; EN IEC 60809:2021

Asendab dokumenti: EVS-EN 60809:2015

Asendab dokumenti: EVS-EN 60809:2015/A1:2017

Asendab dokumenti: EVS-EN 60809:2015/A3:2019

Asendab dokumenti: EVS-EN IEC 60809:2015/A2:2018

45 RAUDTEETEHNIKA

EVS 867:2011/A1:2013/AC:2021

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standardi EVS 867:2011/A1:2013 parandus.

Keel: et

Parandab dokumenti: EVS 867:2011/A1:2013

Parandab dokumenti: EVS 867:2011+A1:2013

EVS-EN 14198:2016+A2:2021

Raudteealased rakendused. Pidurdamine. Nõuded veduriga veetavate rongide pidurisüsteemidele

Railway applications - Braking - Requirements for the brake system of trains hauled by locomotives

This European Standard specifies basic requirements for the braking of trains hauled by locomotives: - For trains hauled by locomotives and intended for use in general operation each vehicle is fitted with the traditional brake system with a brake pipe compatible with the UIC brake system. NOTE This ensures technical compatibility of the brake function between vehicles of various origins in a train (see 5.4). - For trains hauled by locomotives and intended for use in fixed or predefined formation, the requirements on the vehicle and the train are necessary. In the case of a UIC brake system, this standard applies; if not, the EN 16185 series or the EN 15734 series applies. If concerned, the UIC brake architecture described in this standard (see 5.4) can be used for brakes for multiple unit train and high speed trains and urban rail described in the EN 13452 series, the EN 16185 series and the EN 15734 series. This European Standard also takes into account electrical and electronic control functions and additional brake systems like dynamic brakes and adhesion independent brakes. The brake system requirements, which are specific for on-track machines are set out in EN 14033-1. This European Standard does not apply to Urban Rail rolling stock braking system, which is specified by EN 13452-1.

Keel: en

Alusdokumendid: EN 14198:2016+A2:2021

Asendab dokumenti: EVS-EN 14198:2016+A1:2018

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN 50695:2021

Public-address-general-emergency-alarm-system, communication-system for marine applications

This standard describes requirements, performances and test-procedures for Public-Address-Systems (PA) and General-Alarm (GA) Communication-systems for marine applications. The standard is focused on all necessities to get a harmonized standard for marine PAGA Com. The standard refers as much as possible to relevant established standards. Where relevant standard do not exist or are not precise enough, this standard will describe additionally own definitions , requirements performances and test-procedures

Keel: en

Alusdokumendid: EN 50695:2021

EVS-EN ISO 8849:2021

Väikelaevad. Elektrivooluga töötavad pilsipumbad Small craft - Electrically operated bilge pumps (ISO 8849:2020)

Selles dokumendis määratakse kindlaks pilsivee kõrvaldamiseks ette nähtud elektriajamiga pilsipumpadele esitatavad nõuded. See kehtib järgmiste seadmete suhtes: — alalisvoolu pilsipumbad, mis töötavad nimipingega kuni 50 V, ja — ühefaasilised vahelduvvoolu pilsipumbad, mis töötavad nimipingega kuni 250 V. Seda ei kohaldata kahjustusohjeks ette nähtud pumpadele.

Keel: en, et

Alusdokumendid: ISO 8849:2020; EN ISO 8849:2021

Asendab dokumenti: EVS-EN ISO 8849:2018

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 4700-002:2021

Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 002: Bars and sections

This document defines the requirements for the ordering, manufacture, testing, inspection and delivery of steel and heat resisting alloy bars and sections. It shall be applied when referred to and in conjunction with the EN material standard unless otherwise specified on the drawing, order or inspection schedule.

Keel: en

Alusdokumendid: EN 4700-002:2021

Asendab dokumenti: EVS-EN 4700-002:2016

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN IEC 63203-201-3:2021

Wearable electronic devices and technologies - Part 201-3: Electronic Textile - Determination of electrical resistance of conductive textiles under simulated microclimate

IEC 63203-201-3:2021 specifies a test method for determination of the electrical resistance of conductive fabrics under simulated microclimate within clothing. The microclimate is the climate of the small air layer between the skin and clothing having a specific temperature and humidity. This test method can be applied to conductive fabrics including multilayer assemblies for use in clothing.

Keel: en

Alusdokumendid: IEC 63203-201-3:2021; EN IEC 63203-201-3:2021

EVS-EN ISO 14931:2021

Leather - Leather for apparel (excluding furs) - Specifications and sampling procedures (ISO 14931:2021)

This document gives recommended values and related test methods for apparel leather, excluding furs. It also specifies the sampling and conditioning procedures of laboratory samples.

Keel: en

Alusdokumendid: ISO 14931:2021; EN ISO 14931:2021

Asendab dokumenti: EVS-EN ISO 14931:2015

65 PÖLLUMAJANDUS

EVS-EN 50636-2-107:2015+A1+A2+A3:2021

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

Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012, modified)

This clause of Part 1 is replaced by the following: This European Standard specifies safety requirements and their verification for the design and construction of robotic battery powered electrical rotary lawnmowers and their peripherals with the rated voltage of the battery being not more than 75 V d.c. charged by mains electrical and/or alternative energies, e.g. solar power. This European Standard does not apply to non-robotic machines such as lawn trimmers, lawn edge trimmers, lawn edgers, ride-on lawnmowers or pedestrian controlled lawnmowers. This European Standard is not applicable to EMC and environmental hazards (except noise). This European Standard does not apply to internal combustion engine(s), hybrid and fuel cell powered machines and associated charging systems. This European Standard deals with all the significant hazards presented by battery powered robotic lawnmowers and their peripherals when they are used as intended and under conditions of misuse which are reasonably foreseeable. This European Standard is not applicable to machines, which are manufactured before the date of publication of this document by CENELEC. NOTE This European Standard does not apply to battery chargers (EN 60335-2-29:2004). This standard covers all significant hazards, hazardous situations or hazardous events relevant for tools covered by this standard. NOTE 101 Essential requirements not mentioned in Table ZZ.1 are deemed to be not applicable, because the corresponding hazards are either not relevant for machines covered by this standard or do not require specific action by the designer.

Keel: en

Alusdokumendid: IEC 60335-2-107:2012; EN 50636-2-107:2015; EN 50636-2-107:2015/A1:2018; EN 50636-2-107:2015/A2:2020; EN 50636-2-107:2015/A3:2021

Konsolideerib dokumenti: EVS-EN 50636-2-107:2015

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

Konsolideerib dokumenti: EVS-EN 50636-2-107:2015/A2:2020

Konsolideerib dokumenti: EVS-EN 50636-2-107:2015/A3:2021

EVS-EN 1473:2021**Paigaldised ja seadmed veeldatud maagaasi jaoks. Kaldalolevate paigaldiste konstruktsioon
Installation and equipment for liquefied natural gas - Design of onshore installations**

This document gives guidelines for the design, construction and operation of all onshore liquefied natural gas (LNG) installations for the liquefaction, storage, vaporization, transfer and handling of LNG and natural gas (NG). This document is applicable for plants with an LNG storage capacity above 200 t. The designated boundary limits are LNG inlet/outlet by the ship's manifold including vapour return connection, the truck loading/unloading connection including vapour return, the rail car loading/unloading connection including vapour return and the natural gas in and outlet boundary by piping systems. Terminals or plant types have one or more boundary limits as described in this scope (see Figure 1). A short description of each of these installations is given in Annex G. Feed gas for LNG liquefaction installations (plant) can be from gas field, associated gas from oil field, piped gas from transportation grid or from renewables. Floating solutions (for example FPSO, FSRU, SRV), whether off-shore or near-shore, are not covered by this document even if some concepts, principles or recommendations could be applied. However, in case of berthed FSRU with LNG transfer across the jetty, the following recommendations apply for the jetty and topside facilities. In case of solutions using floating storage unit (FSU) and land-based re-gasification solution, the on-shore part is covered by these standard recommendations. Plants with a storage inventory from 5 t up to 200 t are covered by [5].

Keel: en

Alusdokumendid: EN 1473:2021

Asendab dokumenti: EVS-EN 1473:2016

EVS-EN ISO 17225-2:2021**Tahked biokütused. Kütuste spetsifikatsioonid ja klassid. Osa 2: Klassifitseeritud puitgraanulid
Solid biofuels - Fuel specifications and classes - Part 2: Graded wood pellets (ISO 17225-2:2021)**

See dokument määrab kindlaks mittetööstuslikuks ja tööstuslikuks kasutamiseks mõeldud klassifitseeritud puitgraanulite kütuse kvaliteediklassid ja spetsifikatsioonid. Dokument hõlmab üksnes järgmistest toorainetest toodetud puitgraanuleid (vt ISO 17225 1:2021, tabel 1): — 1.1 Mets, istandikud ja muu töötlemata (esmane) puit; — 1.2 Puidutöötlemistööstuse kõrvalsaadused ja jäägid (jäätmepuit); — 1.3.1 Keemiliselt töötlemata kasutatud puit. Selle dokumendi käsitlusalasasse ei kuulu termiliselt töödeldud biomassi graanulid (nt röstitud graanulid).

Keel: en, et

Alusdokumendid: EN ISO 17225-2:2021; ISO 17225-2:2021

Asendab dokumenti: EVS-EN ISO 17225-2:2014

EVS-EN ISO 23343-1:2021**Solid biofuels - Determination of water sorption and its effect on durability of thermally treated biomass fuels - Part 1: Pellets (ISO 23343-1:2021)**

This document describes a method for determination of sorption of graded thermally treated and densified biomass fuels such as classified in ISO/TS 17225-8. Apart from pelletized materials as described in ISO/TS 17225-8, the method can also be applied to non-compressed or non-densified thermally treated biomass as specified in ISO 17225-1 Table 14 and Table 15.

Keel: en

Alusdokumendid: ISO 23343-1:2021; EN ISO 23343-1:2021

EVS-EN ISO 9038:2021**Determination of sustained combustibility of liquids (ISO 9038:2021)**

This document specifies a procedure, at temperatures up to 100 °C, to determine whether or not a liquid product, that would be classified as "flammable" by virtue of its flash point, sustains combustion at the temperature or temperatures specified in the appropriate regulations. NOTE 1 Many national and international regulations classify liquids as presenting a flammable hazard on the basis of their flash point, as determined by a recognized method. Some of these regulations allow a derogation if the substance cannot "sustain combustion" at some specified temperature or temperatures. NOTE 2 In connection with the United Nations recommendations on the Transport of Dangerous Goods as well as with the Globally Harmonized System of Classification and Labelling of Chemicals, and also with derived national/EC regulations, temperatures of 60,5 °C and 75,0 °C are specified for this test.[1][2] The procedure is applicable to paints (including water-borne paints), varnishes, paint binders, solvents, petroleum or related products and adhesives, which have a flash point. It is not applicable to painted surfaces in respect of assessing their potential fire hazards. This test method is applicable, in addition to test methods for flash point, for assessing the fire hazard of a product. NOTE 3 Particular care needs to be taken in translating results from this test method to large scale (real life) situations, as liquids in large quantities can behave in different ways to small samples.

Keel: en

Alusdokumendid: EN ISO 9038:2021; ISO 9038:2021

Asendab dokumenti: EVS-EN ISO 9038:2013

EVS-EN 10250-4:2021**Open die steel forgings for general engineering purposes - Part 4: Stainless steels**

This document specifies the technical delivery requirements for open die forgings, forged bars and products pre-forged and finished in ring rolling mills, manufactured from stainless steels with ferritic, martensitic, austenitic and austenitic-ferritic structures. NOTE The majority of steels listed in this part of EN 10250 are identical to steels specified EN 10088-3 and EN 10028-7, and more extensive information on properties is given in these European Standards. General information on technical delivery conditions is given in EN 10021.

Keel: en

Alusdokumendid: EN 10250-4:2021

Asendab dokumenti: EVS-EN 10250-4:2000

EVS-EN 13601:2021**Copper and copper alloys - Copper rod, bar and wire for general electrical purposes**

This document specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for copper rod, bar and wire for general electrical purposes. Cross-sections and size ranges are: — round, square and hexagonal rod with diameters or widths across-flats from 2 mm up to and including 160 mm; — bar with thicknesses from 2 mm up to and including 40 mm and widths from 3 mm up to and including 250 mm; — round, square, hexagonal and rectangular wire with diameters or widths across-flats from 2 mm up to and including 25 mm, as well as thicknesses from 0,5 mm up to and including 12 mm with widths from 1 mm up to and including 250 mm. The sampling procedures and test methods for verification of conformity to the requirements of this document are also specified. NOTE Drawn, round copper wire, plain or tinned, single or multilined, for the manufacture of electrical conductors is specified in EN 13602.

Keel: en

Alusdokumendid: EN 13601:2021

Asendab dokumenti: EVS-EN 13601:2013

EVS-EN 13603:2021**Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes**

This document specifies methods for assessing the tin coating on drawn round copper wire for the manufacture of electrical conductors, e.g. according to EN 13602. This document includes test methods for the determination of the following characteristics: a) thickness of the unalloyed tin coating; b) continuity of the tin coating; c) adherence of the tin coating. WARNING — This document can involve the use of hazardous materials, operations, and equipment. This document does not purport to address all of the safety problems associated with their use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Moreover this document does not cover the aspects related to the people protection against the X-ray. To obtain information applicable to this aspect, it is convenient to refer to national and international standards, and also to the local regulations if they exist.

Keel: en

Alusdokumendid: EN 13603:2021

Asendab dokumenti: EVS-EN 13603:2013

EVS-EN 13605:2021**Copper and copper alloys - Copper profiles and profiled wire for electrical purposes**

This document specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for copper profiles and profiled wire for electrical purposes, which would fit within a circumscribing circle of maximum 180 mm diameter. The sampling procedures, the test methods for verification of conformity to the requirements of this document, and the delivery conditions are also specified.

Keel: en

Alusdokumendid: EN 13605:2021

Asendab dokumenti: EVS-EN 13605:2013

EVS-EN ISO 683-5:2021**Heat treatable steels, alloy steels and free-cutting steels - Part 5: Nitriding steels (ISO 683-5:2017)**

This document gives the technical delivery requirements for — semi-finished products, e.g. blooms, billets, slabs (see note 1), — bars (see note 1), — wire rod, — hot-rolled plates (see note 2), and — hammer or drop forgings (see note 1) manufactured from the nitriding steels listed in Table 3 and supplied in one of the heat-treatment conditions given for the different types of products in Table 1, rows 2 to 5, and in one of the surface conditions given in Table 2. The steels are generally intended for the fabrication of quenched and tempered and, subsequently, nitriding machine parts.

Keel: en

Alusdokumendid: ISO 683-5:2017; EN ISO 683-5:2021

Asendab dokumenti: EVS-EN 10085:2001

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15344:2021

Plastics - Recycled plastics - Characterization of Polyethylene (PE) recyclates

This document defines a method of specifying delivery conditions for polyethylene (PE) recyclates. It gives the most important characteristics and associated test methods for assessing PE recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of polyethylene (PE) recyclates obtained by mechanical recycling to agree on specifications for specific and generic applications. This document is applicable without prejudice to any existing legislation. This document does not cover the characterization of plastics wastes (see EN 15347).

Keel: en

Alusdokumendid: EN 15344:2021

Asendab dokumenti: EVS-EN 15344:2007

EVS-EN 17508:2021

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors - Terminology of PVC based materials

This document defines the origin of recycle made from pre-consumer waste and post-consumer waste as it is used in new products. It distinguishes between different PVC materials used in production for PVC window and door profiles. It specifies terms and definitions for different PVC based materials used for the production of unplasticized poly(vinyl chloride) (PVC-U) profiles for windows and doors. This document serves as the reference standard for definitions used in related standards such as all parts of EN 12608, EN 17410 or standards for PVC based profiles for building applications. NOTE A visualization of PVC material stream can be found in Annex A of EN 17410.

Keel: en

Alusdokumendid: EN 17508:2021

EVS-EN ISO 14557:2021

Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies (ISO 14557:2021)

This document establishes the requirements and test methods for rubber and plastics suction hoses for fire-fighting purposes. These hoses can also be used manually to supply unpressurized water to the pump or for water discharge. NOTE All pressures are expressed in megapascals and in bar (1 MPa = 10 bar). Additional requirements are specified for hose assemblies, that is, hoses with couplings already fitted, where this is carried out by the hose manufacturer (see Clause 8). Type A (rubber) hoses are intended for use at a minimum temperature of -20 °C and Type B (thermoplastics) hoses are intended for use at a minimum temperature of -10 °C.

Keel: en

Alusdokumendid: ISO 14557:2021; EN ISO 14557:2021

Asendab dokumenti: EVS-EN ISO 14557:2003

Asendab dokumenti: EVS-EN ISO 14557:2003/A1:2007

85 PABERITEHNOLOOGIA

EVS-EN 1034-1:2021

Masinate ohutus. Ohutusnõuded paberivalmistus- ja viimistlusmasinate projekteerimisele ja ehitamisele. Osa 1: Üldnõuded

Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 1: Common requirements

This document specifies safety requirements. This document is applicable to paper making and paper finishing machines. It contains definitions and requirements which apply to all paper making and paper finishing machines listed in Annex A and is intended to be used in connection with the specific part applicable for the respective machine listed in Annex A. Specific parts can contain additional requirements or deviations from EN 1034-1 in which case the specific stipulations take precedence over the specification made in EN 1034-1. The standard deals with the hazards listed in Annex B. This document deals with all significant hazards, hazardous situations or hazardous events relevant to paper making and paper finishing machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. This document does not apply to machines used in paper converting. See EN 1010-1 to EN 1010-5. This document applies to machines produced after the date of publication of this standard.

Keel: en

Alusdokumendid: EN 1034-1:2021

Asendab dokumenti: EVS-EN 1034-1:2000+A1:2010

EVS-EN ISO 638-1:2021

Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 1: Materials in solid form (ISO 638-1:2021)

This document specifies an oven-drying method for the determination of the dry matter content in paper, board, pulp and cellulosic nanomaterials in solid form, which all can be produced from virgin and/or recycled materials. It is also applicable to the determination of the dry matter content of paper and board for recycling. The procedure is applicable to paper, board, and pulp and cellulosic nanomaterials which do not contain any appreciable quantities of materials other than water that are volatile at the temperature of 105 °C ± 2 °C. It is used, for example, in the case of pulp, paper, and board and cellulosic nanomaterial

samples taken for chemical and physical tests in the laboratory, when a concurrent determination of dry matter content is required. This method is not applicable to the determination of the dry matter content of slush pulp or to the determination of the saleable mass of pulp lots. NOTE 1: ISO 638-2 specifies an oven-drying method for the determination of the dry matter content of suspensions of cellulosic nanomaterials, ISO 287 specifies the determination of the moisture content of a lot of paper and board; ISO 4119 specifies the determination of stock concentration of pulps; ISO 801 (all parts) specifies the determination of the saleable mass in lots. NOTE 2: This document determines the total dry matter content of the sample, including any dissolved solids. If only the cellulosic material content free of dissolved solids is desired, dissolved solids are removed prior to measuring the dry matter content e.g. by washing or dialysis, taking care to retain all cellulosic material; in cases where the sample is filterable without loss of cellulosic solids, ISO 4119 can be used to determine the stock consistency (content of cellulosic material in solid form).

Keel: en

Alusdokumendid: ISO 638-1:2021; EN ISO 638-1:2021

Asendab dokumenti: EVS-EN ISO 638:2008

EVS-EN ISO 638-2:2021

Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 2: Suspensions of cellulosic nanomaterials (ISO 638-2:2021)

This document specifies an oven-drying method for the determination of the dry matter content in suspensions of cellulosic nanomaterials. The procedure is applicable to cellulosic nanomaterial suspensions which do not contain any appreciable quantities of materials other than water that are volatile at the temperature of $105\text{ °C} \pm 2\text{ °C}$. It is used, for example, in the case of cellulosic nanomaterial suspensions samples taken for chemical and physical tests in the laboratory, when a concurrent determination of dry matter content is required. NOTE 1: ISO 638-1 specifies the dry matter content in paper, board, pulp and cellulosic nanomaterials in solid form, which all can be produced from virgin and/or recycled materials; ISO 287 specifies the determination of moisture content of a lot of paper and board; ISO 4119 specifies the determination of stock concentration of aqueous pulp suspensions; ISO 801 (all parts) specifies the determination of saleable mass in lots. NOTE 2: This document determines the total dry matter content of the sample, including any dissolved solids. If only the cellulosic material content free of dissolved solids is desired, dissolved solids are removed prior to measuring the dry matter content e.g. by washing or dialysis, taking care to retain all cellulosic material.

Keel: en

Alusdokumendid: ISO 638-2:2021; EN ISO 638-2:2021

Asendab dokumenti: EVS-EN ISO 638:2008

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN 12206-1:2021

Paints and varnishes - Coating of aluminium and aluminium alloys for architectural purposes - Part 1: Coatings prepared from thermosetting coating powder

This document specifies requirements and the corresponding methods of test relating to the organic coating of aluminium and aluminium alloy extrusions, sheet and preformed sections for architectural purposes, using coating powders. It also describes: a) the pretreatment of the substrate prior to the coating process; b) the coating powder; c) the coating process; d) the final product. Each item is dealt with separately in this document so that any interested party can ensure compliance appropriate to its area of responsibility. CAUTION The procedures described in this standard are intended to be carried out by suitably trained and/or supervised personnel. The substances and procedures used in this method could be injurious to health if adequate precautions are not taken. Attention is drawn in the text to specific hazards. This document refers only to technical suitability and does not absolve the user from statutory obligations relating to health and safety.

Keel: en

Alusdokumendid: EN 12206-1:2021

Asendab dokumenti: EVS-EN 12206-1:2004

EVS-EN ISO 276:2021

Binders for paints and varnishes - Linseed stand oil - Requirements and methods of test (ISO 276:2019)

This document specifies the requirements and the corresponding test methods for five types of linseed stand oil suitable for paints and varnishes.

Keel: en

Alusdokumendid: ISO 276:2019; EN ISO 276:2021

Asendab dokumenti: EVS-EN ISO 276:2010

EVS-EN ISO 9038:2021

Determination of sustained combustibility of liquids (ISO 9038:2021)

This document specifies a procedure, at temperatures up to 100 °C , to determine whether or not a liquid product, that would be classified as "flammable" by virtue of its flash point, sustains combustion at the temperature or temperatures specified in the appropriate regulations. NOTE 1 Many national and international regulations classify liquids as presenting a flammable hazard on the basis of their flash point, as determined by a recognized method. Some of these regulations allow a derogation if the substance cannot "sustain combustion" at some specified temperature or temperatures. NOTE 2 In connection with the United Nations recommendations on the Transport of Dangerous Goods as well as with the Globally Harmonized System of Classification and Labelling of Chemicals, and also with derived national/EC regulations, temperatures of $60,5\text{ °C}$ and $75,0\text{ °C}$ are specified for this test.[1][2] The procedure is applicable to paints (including water-borne paints), varnishes, paint binders,

solvents, petroleum or related products and adhesives, which have a flash point. It is not applicable to painted surfaces in respect of assessing their potential fire hazards. This test method is applicable, in addition to test methods for flash point, for assessing the fire hazard of a product. NOTE 3 Particular care needs to be taken in translating results from this test method to large scale (real life) situations, as liquids in large quantities can behave in different ways to small samples.

Keel: en

Alusdokumendid: EN ISO 9038:2021; ISO 9038:2021

Asendab dokumenti: EVS-EN ISO 9038:2013

91 EHITUSMATERJALID JA EHITUS

EVS 846:2021

Hoone kanalisatsioon Draining system inside buildings

See standard kehtib hoone kanalisatsioonile, mille kaudu reoveed suubuvad linna, asula ühiskanalisatsiooni. Hoone kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) kuni hoone välisseinani ja võimalike eelpuhastitega hoones. Hoone- ja väliskanalisatsiooni standardite piirittlus on tähistatud (Joonis 1). Standardis ei käsitleta tulekustutuspaigaldiste rakendamisel või katsetamisel tekkinud vee äravoolu. Tuleohutuspaigaldiste vee äravoolu nõudeid (nt. tuletõrjeliftid) kirjeldatakse standardis EVS 812-8. Käesolev standard ei käsitle drenaaži projekteerimist. Standardi nõudeid tuleb täita nii uue hoone kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

Keel: et

Asendab dokumenti: EVS 846:2013

EVS 848:2021

Väliskanalisatsioonivõrk Sewer systems outside buildings

See Eesti standard rakendub hooneväliste kanalisatsioonivõrkudele, s.o hooneviimast/väljaviigust (hoone välisseinast) (EVS 846) või sademevee restkaevust kohani, kus kanalisatsioonivesi jõuab reoveepuhastisse või heitvee suublasse. Hoonealused torustikud kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa hoone kanalisatsioonisüsteemist. Standardis määratakse kindlaks funktsionaalsed nõuded kanalisatsioonivõrgule seoses planeerimise, projekteerimise, ehitamise, käitamise, hoolduse ja eksploatatsiooniga ning tegevused nõuete täitmiseks.

Keel: et

Asendab dokumenti: EVS 848:2013

Asendab dokumenti: EVS 848:2013/AC:2013

EVS-EN 1264-1:2021

Water based surface embedded heating and cooling systems - Part 1: Definitions and symbols

The EN 1264 series gives guidelines for surface embedded heating and cooling systems installed in buildings, residential and non-residential (e.g. office, public, commercial and industrial buildings) and focuses on systems installed for the purpose of thermal comfort. The EN 1264 series gives guidelines for water based heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. It also specifies the use of other heating media instead of water, as appropriate. The EN 1264 series specifies standardized product characteristics by calculation and testing the thermal output of heating for technical specifications and certification. For the design, construction and operation of these systems, see EN 1264-3 and EN 1264-4 for the types A, B, C, D, H, I and J. For the types E, F and G, see the EN ISO 11855 series. The systems specified in the EN 1264 series are adjoined to the structural base of the enclosure surfaces of the building, mounted directly or with fixing supports. The EN 1264 series does not specify ceiling systems mounted in a suspended ceiling with a designed open air gap between the system and the building structure which allows the thermally induced circulation of the air. The thermal output of these systems can be determined according to the EN 14037 series and EN 14240. EN 1264-1 specifies system types and characteristics of water based surface embedded radiant heating and cooling systems.

Keel: en

Alusdokumendid: EN 1264-1:2021

Asendab dokumenti: EVS-EN 1264-1:2011

EVS-EN 1264-2:2021

Water based surface embedded heating and cooling systems - Part 2: Floor heating: Methods for the determination of the thermal output using calculations and experimental tests

The EN 1264 series gives guidelines for surface embedded heating and cooling systems installed in buildings, residential and non-residential (e.g. office, public, commercial and industrial buildings) and focuses on systems installed for the purpose of thermal comfort. The EN 1264 series gives guidelines for water based heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. It also specifies the use of other heating media instead of water, as appropriate. The EN 1264 series specifies standardized product characteristics by calculation and testing the thermal output of heating for technical specifications and certification. For the design, construction and operation of these systems, see EN 1264-3 and EN 1264-4 for the types A, B, C, D, H, I and J. For the types E, F and G, see the EN ISO 11855 series. The systems specified in the EN 1264 series are adjoined to the structural base of the enclosure surfaces of the building, mounted directly or with fixing supports. The EN 1264 series does not specify ceiling systems mounted in a suspended ceiling with a designed open air gap between the system and the building structure which allows the thermally induced circulation of the air. The thermal output of these systems can be determined according to the EN 14037 series and EN 14240. EN 1264-2 specifies hot water floor heating systems. The application of EN 1264-5 requires the prior use of EN 1264-2. EN 1264-5 specifies the conversion of

the thermal output of floor heating systems determined in EN 1264-2 into the thermal output of heating surfaces embedded in walls and ceilings as well as into the thermal output of cooling surfaces embedded in floors, walls and ceilings. EN 1264-2 specifies the boundary conditions and the test methods for the determination of the thermal output of hot water floor heating systems as a function of the temperature difference between the heating medium and the room temperature. The thermal output is tested by a calculation method and by a measurement method. The calculation method is applicable to systems corresponding to the definitions in EN 1264-1 (type A, B, C, D, H, I and J). The measurement method gives guidance for systems not corresponding to these definitions. The calculation method and the measurement method are consistent with each other and provide correlating and adequate test results. The test results, expressed depending on further parameters, are the standard specific thermal output and the associated standard temperature difference between the heating medium and the room temperature as well as fields of characteristic curves showing the relationship between the specific thermal output and the temperature difference between the heating medium and the room.

Keel: en

Alusdokumendid: EN 1264-2:2021

Asendab dokumenti: EVS-EN 1264-2:2008+A1:2012

EVS-EN 1264-5:2021

Water based surface embedded heating and cooling systems - Part 5: Determination of the thermal output for wall and ceiling heating and for floor, wall and ceiling cooling

The EN 1264 series gives guidelines for surface embedded heating and cooling systems installed in buildings, residential and non-residential (e.g. office, public, commercial and industrial buildings) and focuses on systems installed for the purpose of thermal comfort. The EN 1264 series gives guidelines for water based heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. It also specifies the use of other heating media instead of water, as appropriate. The EN 1264 series specifies standardized product characteristics by calculation and testing the thermal output of heating for technical specifications and certification. For the design, construction and operation of these systems, see EN 1264-3 and EN 1264-4 for the types A, B, C, D, H, I and J. For the types E, F and G, see the EN ISO 11855 series. The systems specified in the EN 1264 series are adjoined to the structural base of the enclosure surfaces of the building, mounted directly or with fixing supports. The EN 1264 series does not specify ceiling systems mounted in a suspended ceiling with a designed open air gap between the system and the building structure which allows the thermally induced circulation of the air. The thermal output of these systems can be determined according to the EN 14037 series and EN 14240. EN 1264-5 specifies the recalculation of values determined in EN 1264-2 for the system in question. It enables the conversion of the calculation and measurement results of EN 1264-2 into results for other surface orientations in the room, i.e. for ceiling and wall heating, as well as for the application as cooling surfaces, i.e. for floor, ceiling and wall cooling. The test results of EN 1264-2 are the basis of all calculation, whether or not the system in question is used for heating or cooling application.

Keel: en

Alusdokumendid: EN 1264-5:2021

Asendab dokumenti: EVS-EN 1264-5:2008

EVS-EN 1488:2021

Building valves - Expansion groups - Tests and requirements

This document specifies, dimensions, materials and performance requirements (including methods of test) for expansion groups, of nominal sizes from DN 15 to DN 25, having working pressures from 0,1 MPa (1 bar) to 1,0 MPa (10 bar). Expansion groups are fitted to the cold potable water supply only for expansion purposes, e.g. of storage water heaters, having a maximum distribution temperature of 95 °C. Expansion groups limit pressure in the water heater to which they are fitted, that is produced by thermal expansion of the water, prevent the backflow of water into the supply pipe and prevent the discharged water to get into contact with the water in the water heater. Expansion groups do not control temperature and alone do not constitute the protection required for storage water heaters. NOTE The use of the device specified in this document does not override the need to use controls (e.g. thermostats and thermal cut-outs) which act directly on the power sources of water heaters (for more information see Annex A).

Keel: en

Alusdokumendid: EN 1488:2021

Asendab dokumenti: EVS-EN 1488:2000

EVS-EN 16758:2021

Curtain walling - Determination of the strength of shear connections - Test method and requirements

This document specifies test methods for the determination of bearing capacity (ultimate limit state and serviceability limit state), of connections between curtain walling framing members for which it cannot be calculated in accordance with current codes or conventional calculations based upon the strength of the materials. Mechanical performances of the curtain walling connections are already assessed in accordance with the provisions described in EN 13830. Additional information with respect to mechanical performance of the connections and direct applications can be determined with this document.

Keel: en

Alusdokumendid: EN 16758:2021

Asendab dokumenti: EVS-EN 16758:2016

EVS-EN 17020-4:2021

Extended application of test results on durability of self-closing for doorsets and openable windows - Part 4: Durability of self-closing of fire resistance and/or smoke control hinged and pivoted metal framed glazed doorsets and openable windows

This document is applicable to single and double leaf, hinged and pivoted metal framed, glazed doorsets or openable windows as covered by EN 15269 5 or EN 15269 20. This document prescribes the methodology for extending the application of test results obtained from durability of self-closing test(s) conducted in accordance with EN 1191. Subject to the completion of the appropriate self-closing test(s), the extended application can cover all or some of the following non-exhaustive list: - doorsets and openable windows; - door or window leaves; - wall or ceiling fixed elements (frame or suspension system); - glazing and non-glazed panels in doorset and openable window, side, transom and/or overpanels; - items of building hardware; - decorative finishes; - intumescent, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel: en

Alusdokumendid: EN 17020-4:2021

EVS-EN 197-5:2021

Cement - Part 5: Portland-composite cement CEM II/C-M and Composite cement CEM VI

This document deals with Portland-composite cement CEM II/C-M, not covered by EN 197-1, and a different type of Composite cement CEM VI, also not covered by EN 197-1, whose intended use is the preparation of concrete, mortar, grout etc. This document does not cover: - common cement covered by EN 197-1; - very low heat special cement covered by EN 14216; - supersulfated cement covered by EN 15743; - calcium aluminate cement covered by EN 14647; - masonry cement covered by EN 413-1.

Keel: en

Alusdokumendid: EN 197-5:2021

EVS-EN 437:2021

Test gases - Test pressures - Appliance categories

This document specifies the test gases, test pressures and categories of appliances relative to the use of gaseous fuels of the first, second and third families. It serves as a reference document in the specific standards for appliances. The document makes recommendations for the use of the gases and pressures to be applied for the tests of appliances burning gaseous fuels. NOTE Procedures for tests are given in the corresponding appliance standards. The test gases and the test pressures specified in this standard are in principle intended to be used with all types of appliances. However, the use of some test gases and test pressures may not be appropriate in the following cases: - appliances with nominal heat input greater than 300 kW; - appliances constructed on site; - appliances in which the final design is influenced by the user; - appliances constructed for use with high supply pressures (notably direct use of the saturated vapour pressure). In these cases, the specific appliance standards may specify other test conditions in order to establish compliance with their requirements.

Keel: en

Alusdokumendid: EN 437:2021

Asendab dokumenti: EVS-EN 437:2018

EVS-EN ISO 10140-1:2021

Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products (ISO 10140-1:2021)

This document specifies test requirements for the laboratory measurement of the sound insulation of building elements and products, including detailed requirements for the preparation and mounting of the test elements, and for the operating and test conditions. It also specifies the applicable quantities, and provides additional test information for reporting. The general procedures for airborne and impact sound insulation measurements are given in ISO 10140-2 and ISO 10140-3, respectively.

Keel: en

Alusdokumendid: ISO 10140-1:2021; EN ISO 10140-1:2021

Asendab dokumenti: EVS-EN ISO 10140-1:2016

93 RAJATISED

EVS 867:2011/A1:2013/AC:2021

Raudteealased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standardi EVS 867:2011/A1:2013 parandus.

Keel: et

Parandab dokumenti: EVS 867:2011/A1:2013

Parandab dokumenti: EVS 867:2011+A1:2013

EVS-EN 1463-2:2021

Road marking materials - Retroreflecting road studs - Part 2: Road test performance specifications

This document describes the test method for carrying out road trials on retroreflecting road studs. Specifications are given for test sites, for the organization of the tests, and for the presentation of the results in the form of a test report.

Keel: en

Alusdokumendid: EN 1463-2:2021

Asendab dokumenti: EVS-EN 1463-2:2000

EVS-EN 16282-3:2016+A1:2021

Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 3: Kitchen ventilation ceilings; design and safety requirements

This European Standard specifies requirements for the design, construction and operation of kitchen ventilation ceilings, including technical safety, ergonomic and hygienic features. This European Standard is applicable to ventilation systems in commercial kitchens, associated areas and other installations processing foodstuffs intended for commercial use. Kitchens and associated areas are special rooms in which meals are prepared, where tableware and equipment is washed, cleaned and food is stored. This European Standard is applicable to kitchen ventilation ceilings except those used in domestic kitchens. A method of verification of each requirement is also specified. Unless otherwise specified, the requirements of this standard need to be checked by way of inspection and/or measurement. NOTE Please note the possible existence of additional or alternative local national regulations on installation, appliance requirements and inspection, maintenance and operation.

Keel: en

Alusdokumendid: EN 16282-3:2016+A1:2021

Asendab dokumenti: EVS-EN 16282-3:2016

EVS-EN 16582-1:2015+A1:2021

Domestic swimming pools - Part 1: General requirements including safety and test methods

This European Standard specifies the general safety and quality requirements and test methods for domestic swimming pools. These requirements and test methods are applicable to inground, aboveground or recessed swimming pool structures, including their installation and means of access. This standard does not apply to: - pools for public use covered by EN 15288-1; - spas for domestic or public use; - paddling pools according to EN 71-8.

Keel: en

Alusdokumendid: EN 16582-1:2015+A1:2021

Asendab dokumenti: EVS-EN 16582-1:2015

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 1264-1:2011

Water based surface embedded heating and cooling systems - Part 1: Definitions and symbols

Keel: en

Alusdokumendid: EN 1264-1:2011

Asendatud järgmise dokumendiga: EVS-EN 1264-1:2021

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 13397-4:1999

Hambajuureümbrise küretid, hambakivieemaldamisvahendid ja ekskavaatorid. Osa 4:

Stomatoloogilised ekskavaatorid. Ketastüüp

Periodontal cures, dental scalers and excavators - Part 4: Dental excavators - Discoid-type

Keel: en

Alusdokumendid: ISO 13397-4:1997; EN ISO 13397-4:1997

Asendatud järgmise dokumendiga: EVS-EN ISO 23940:2021

Standardi staatus: Kehtetu

EVS-EN ISO 13408-6:2011

Tervishoiutoodete aseptiline töötlemine. Osa 6: Isolaatorsüsteemid (ISO 13408-6:2005)

Aseptic processing of health care products - Part 6: Isolator systems (ISO 13408-6:2005)

Keel: en

Alusdokumendid: ISO 13408-6:2005; EN ISO 13408-6:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 13408-6:2021

Muudetud järgmise dokumendiga: EVS-EN ISO 13408-6:2011/A1:2013

Standardi staatus: Kehtetu

EVS-EN ISO 13408-6:2011/A1:2013

Tervishoiutoodete aseptiline töötlemine. Osa 6: Isolaatorsüsteemid (ISO 13408-6:2005/Amd 1:2013)

Aseptic processing of health care products - Part 6: Isolator systems (ISO 13408-6:2005/Amd 1:2013)

Keel: en

Alusdokumendid: ISO 13408-6:2005/Amd 1:2013; EN ISO 13408-6:2011/A1:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 13408-6:2021

Standardi staatus: Kehtetu

EVS-EN ISO 80369-7:2017

Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications (ISO 80369-7:2016, Corrected version 2016-12-01)

Keel: en

Alusdokumendid: ISO 80369-7:2016; EN ISO 80369-7:2017

Asendatud järgmise dokumendiga: EVS-EN ISO 80369-7:2021

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS 846:2013

Hoone kanalisatsioon

Draining system inside buildings

Keel: et

Asendatud järgmise dokumendiga: EVS 846:2021

Standardi staatus: Kehtetu

EVS 848:2013

Väliskanalisatsioonivõrk

Sewer systems outside buildings

Keel: et
Alusdokumendid: EVS 848:2013/AC:2013
Asendatud järgmise dokumendiga: EVS 848:2021
Parandatud järgmise dokumendiga: EVS 848:2013/AC:2013
Standardi staatus: Kehtetu

EVS 848:2013/AC:2013

Väliskanalisatsioonivõrk Sewer systems outside buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 848:2021
Standardi staatus: Kehtetu

EVS-EN 15344:2007

Plastics - Recycled Plastics - Characterisation of Polyethylene (PE) recyclates

Keel: en
Alusdokumendid: EN 15344:2007
Asendatud järgmise dokumendiga: EVS-EN 15344:2021
Standardi staatus: Kehtetu

EVS-EN ISO 14557:2003

Tuletõrjevoolikud. Kummist ja plastmassist imivoolikud ja voolikuliitmikud Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies (ISO 14557:2002)

Keel: en
Alusdokumendid: ISO 14557:2002; EN ISO 14557:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 14557:2021
Muudetud järgmise dokumendiga: EVS-EN ISO 14557:2003/A1:2007
Standardi staatus: Kehtetu

EVS-EN ISO 14557:2003/A1:2007

Tuletõrjevoolikud. Kummist ja plastmassist imivoolikud ja voolikuliitmikud. Muudatus 1 Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies - Amendment 1 (ISO 14557:2002/Amd 1:2007)

Keel: en
Alusdokumendid: ISO 14557:2002/Amd 1:2007; EN ISO 14557:2002/A1:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 14557:2021
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 50554:2010

Basic standard for the in-situ assessment of a broadcast site related to general public exposure to radio frequency electromagnetic fields

Keel: en
Alusdokumendid: EN 50554:2010
Asendatud järgmise dokumendiga: EVS-EN 50554:2021
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13445-10:2015

Leekkuumutuseta surveanumad. Osa 10: Täiendavad nõuded niklist või niklisulamist surveanumatele Unfired pressure vessels - Part 10: Additional requirements for pressure vessels of nickel and nickel alloys

Keel: en
Alusdokumendid: EN 13445-10:2015
Asendatud järgmise dokumendiga: EVS-EN 13445-10:2021
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A1:2015

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en

Alusdokumendid: EN 13445-3:2014/A1:2015
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13445-3:2014+A1+A2+A3+A4:2018
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A2:2016

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en
Alusdokumendid: EN 13445-3:2014/A2:2016
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13445-3:2014+A1+A2+A3+A4:2018
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A3:2017

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en
Alusdokumendid: EN 13445-3:2014/A3:2017
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13445-3:2014+A1+A2+A3+A4:2018
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A4:2018

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en
Alusdokumendid: EN 13445-3:2014/A4:2018
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13445-3:2014+A1+A2+A3+A4:2018
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A5:2018

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en
Alusdokumendid: EN 13445-3:2014/A5:2018
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A6:2019

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en
Alusdokumendid: EN 13445-3:2014/A6:2019
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A7:2019

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en
Alusdokumendid: EN 13445-3:2014/A7:2019
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014/A8:2019

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en
Alusdokumendid: EN 13445-3:2014/A8:2019
Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021
Standardi staatus: Kehtetu

EVS-EN 13445-3:2014+A1+A2+A3+A4:2018

Leekkuumutuseta surveanumad. Osa 3: Kavandamine Unfired pressure vessels - Part 3: Design

Keel: en

Alusdokumendid: EN 13445-3:2014/A1:2015; EN 13445-3:2014/A2:2016; EN 13445-3:2014/A3:2017; EN 13445-3:2014/A4:2014; EN 13445-3:2014 V05

Asendatud järgmise dokumendiga: EVS-EN 13445-3:2021

Muudetud järgmise dokumendiga: EVS-EN 13445-3:2014/A5:2018

Muudetud järgmise dokumendiga: EVS-EN 13445-3:2014/A6:2019

Muudetud järgmise dokumendiga: EVS-EN 13445-3:2014/A7:2019

Muudetud järgmise dokumendiga: EVS-EN 13445-3:2014/A8:2019

Standardi staatus: Kehtetu

EVS-EN 13445-6:2014/A1:2015

Leekkuumutuseta surveanumad. Osa 6: Nõuded keragrafiitmalmist toodetud surveanumate ja survedetailide kavandamisele ja valmistamisele

Unfired pressure vessels - Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron

Keel: en

Alusdokumendid: EN 13445-6:2014/A1:2015

Asendatud järgmise dokumendiga: EVS-EN 13445-6:2021

Konsolideeritud järgmise dokumendiga: EVS-EN 13445-6:2014+A1:2015

Standardi staatus: Kehtetu

EVS-EN 13445-6:2014/A2:2018

Leekkuumutuseta surveanumad. Osa 6: Nõuded keragrafiitmalmist toodetud surveanumate ja survedetailide kavandamisele ja valmistamisele

Unfired pressure vessels - Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron

Keel: en

Alusdokumendid: EN 13445-6:2014/A2:2018

Asendatud järgmise dokumendiga: EVS-EN 13445-6:2021

Standardi staatus: Kehtetu

EVS-EN 13445-6:2014+A1:2015

Leekkuumutuseta surveanumad. Osa 6: Nõuded keragrafiitmalmist toodetud surveanumate ja survedetailide kavandamisele ja valmistamisele

Unfired pressure vessels - Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron

Keel: en

Alusdokumendid: EN 13445-6:2014/A1:2015; EN 13445-6:2014 V05

Asendatud järgmise dokumendiga: EVS-EN 13445-6:2021

Muudetud järgmise dokumendiga: EVS-EN 13445-6:2014/A2:2018

Standardi staatus: Kehtetu

EVS-EN 13445-8:2014/A1:2014

Leekkuumutuseta surveanumad. Osa 8: Täiendavad nõuded alumiiniumist või alumiiniumsulamist surveanumatele

Unfired pressure vessels - Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys

Keel: en

Alusdokumendid: EN 13445-8:2014/A1:2014

Asendatud järgmise dokumendiga: EVS-EN 13445-8:2021

Konsolideeritud järgmise dokumendiga: EVS-EN 13445-8:2014+A1:2014

Standardi staatus: Kehtetu

EVS-EN 13445-8:2014+A1:2014

Leekkuumutuseta surveanumad. Osa 8: Täiendavad nõuded alumiiniumist või alumiiniumsulamist surveanumatele

Unfired pressure vessels - Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys

Keel: en

Alusdokumendid: EN 13445-8:2014/A1:2014; EN 13445-8:2014 V05

Asendatud järgmise dokumendiga: EVS-EN 13445-8:2021

Standardi staatus: Kehtetu

EVS-EN ISO 1402:2009

Kummi- ja plastvoolikud ning voolikukomplektid. Hüdrostaatiline katsetamine Rubber and plastics hoses and hose assemblies - Hydrostatic testing

Keel: en

Alusdokumendid: ISO 1402:2009; EN ISO 1402:2009

Asendatud järgmise dokumendiga: EVS-EN ISO 1402:2021

Standardi staatus: Kehtetu

EVS-EN ISO 7233:2016

Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum (ISO 7233:2016)

Keel: en

Alusdokumendid: ISO 7233:2016; EN ISO 7233:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 7233:2021

Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOGIA

EVS-EN 13603:2013

Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes

Keel: en

Alusdokumendid: EN 13603:2013

Asendatud järgmise dokumendiga: EVS-EN 13603:2021

Standardi staatus: Kehtetu

EVS-EN 16296:2012

Imperfections in thermoplastics welded joints - Quality levels

Keel: en

Alusdokumendid: EN 16296:2012

Asendatud järgmise dokumendiga: EVS-EN 16296:2021

Standardi staatus: Kehtetu

EVS-EN ISO 12224-3:2003

Solder wire, solid and flux cored - Specification and tests methods - Part 3: Wetting balance test method for flux cored solder wire efficacy

Keel: en

Alusdokumendid: ISO 12224-3:2003; EN ISO 12224-3:2003

Standardi staatus: Kehtetu

EVS-EN ISO 14329:2004

Resistance welding - Destructive tests of welds - Failure types and geometric measurements for resistance spot, seam and projection welds

Keel: en

Alusdokumendid: ISO 14329:2003; EN ISO 14329:2003

Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 437:2018

Katsetusgaasid. Katsetusrõhud. Tarvitite kategooriad Test gases - Test pressures - Appliance categories

Keel: en, et

Alusdokumendid: EN 437:2018

Asendatud järgmise dokumendiga: EVS-EN 437:2021

Standardi staatus: Kehtetu

EVS-EN ISO 17225-2:2014

Solid biofuels - Fuel specifications and classes - Part 2: Graded wood pellets (ISO 17225-2:2014)

Keel: en

Alusdokumendid: ISO 17225-2:2014; EN ISO 17225-2:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 17225-2:2021
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60809:2015

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en
Alusdokumendid: IEC 60809:2014; EN 60809:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021
Muudetud järgmise dokumendiga: EVS-EN 60809:2015/A1:2017
Muudetud järgmise dokumendiga: EVS-EN 60809:2015/A3:2019
Muudetud järgmise dokumendiga: EVS-EN IEC 60809:2015/A2:2018
Standardi staatus: Kehtetu

EVS-EN 60809:2015/A1:2017

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en
Alusdokumendid: IEC 60809:2014/A1:2017; EN 60809:2015/A1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021
Standardi staatus: Kehtetu

EVS-EN 60809:2015/A3:2019

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en
Alusdokumendid: IEC 60809:2014/A3:2019; EN 60809:2015/A3:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021
Standardi staatus: Kehtetu

EVS-EN 61439-1:2012

Madalpingelised aparaadikoosted. Osa 1: Üldreeglid

Low-voltage switchgear and controlgear assemblies - Part 1: General rules

Keel: en, et
Alusdokumendid: IEC 61439-1:2011; EN 61439-1:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61439-1:2021
Standardi staatus: Kehtetu

EVS-EN 61439-2:2012

Madalpingelised aparaadikoosted. Osa 2: Jõuaparaadikoosted

Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies

Keel: en, et
Alusdokumendid: IEC 61439-2:2011; EN 61439-2:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61439-2:2021
Standardi staatus: Kehtetu

EVS-EN IEC 60809:2015/A2:2018

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en
Alusdokumendid: IEC 60809:2014/A2:2017; EN IEC 60809:2015/A2:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60384-2:2012

Fixed capacitors for use in electronic equipment - Part 2: Sectional specification - Fixed metallized polyethylene terephthalate film dielectric d.c. capacitors

Keel: en
Alusdokumendid: IEC 60384-2:2011; EN 60384-2:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-2:2021
Standardi staatus: Kehtetu

EVS-EN 61587-6:2017

Mechanical structures for electrical and electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 6: Security aspects for indoor cabinets

Keel: en
Alusdokumendid: IEC 61587-6:2017; EN 61587-6:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 61587-6:2021
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60794-3-70:2016

Optical fibre cables - Part 3-70: Outdoor cables - Family specification for outdoor optical fibre cables for rapid/multiple deployment

Keel: en
Alusdokumendid: IEC 60794-3-70:2016; EN 60794-3-70:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60794-3-70:2021
Standardi staatus: Kehtetu

EVS-EN 61753-111-8:2010

Fibre optic interconnecting devices and passive components - Performance standard - Part 111-8: Sealed closures for category G - Ground

Keel: en
Alusdokumendid: IEC 61753-111-8:2009; EN 61753-111-8:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61753-111-08:2021
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-ISO/IEC 19944:2019

Infotehnoloogia. Pilvtöötlus. Pilvteenused ja -seadmed: andmevoog, andmekategooriad ja andmete kasutamine Information technology - Cloud computing - Cloud services and devices: data flow, data categories and data use (ISO/IEC 19944:2017, identical)

Keel: en, et
Alusdokumendid: ISO/IEC 19944:2017
Asendatud järgmise dokumendiga: EVS-ISO/IEC 19944-1:2021
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 60809:2015

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en
Alusdokumendid: IEC 60809:2014; EN 60809:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021
Muudetud järgmise dokumendiga: EVS-EN 60809:2015/A1:2017
Muudetud järgmise dokumendiga: EVS-EN 60809:2015/A3:2019
Muudetud järgmise dokumendiga: EVS-EN IEC 60809:2015/A2:2018
Standardi staatus: Kehtetu

EVS-EN 60809:2015/A1:2017

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en
Alusdokumendid: IEC 60809:2014/A1:2017; EN 60809:2015/A1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021
Standardi staatus: Kehtetu

EVS-EN 60809:2015/A3:2019

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en
Alusdokumendid: IEC 60809:2014/A3:2019; EN 60809:2015/A3:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021
Standardi staatus: Kehtetu

EVS-EN IEC 60809:2015/A2:2018

Lamps for road vehicles - Dimensional, electrical and luminous requirements

Keel: en

Alusdokumendid: IEC 60809:2014/A2:2017; EN IEC 60809:2015/A2:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 60809:2021

Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 14198:2016+A1:2018

Raudteealased rakendused. Pidurdamine. Nõuded veduriga veetavate rongide pidurisüsteemidele

Railway applications - Braking - Requirements for the brake system of trains hauled by locomotives

Keel: en

Alusdokumendid: EN 14198:2016+A1:2018

Asendatud järgmise dokumendiga: EVS-EN 14198:2016+A2:2021

Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 8849:2018

Small craft - Electrically operated direct-current bilge pumps (ISO 8849:2003)

Keel: en

Alusdokumendid: ISO 8849:2003; EN ISO 8849:2018

Asendatud järgmise dokumendiga: EVS-EN ISO 8849:2021

Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 4700-002:2016

Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 002: Bar and section

Keel: en

Alusdokumendid: EN 4700-002:2016

Asendatud järgmise dokumendiga: EVS-EN 4700-002:2021

Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 14931:2015

Leather - Guide to the selection of leather for apparel (excluding furs) (ISO 14931:2015)

Keel: en

Alusdokumendid: EN ISO 14931:2015; ISO 14931:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 14931:2021

Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 1473:2016

Installation and equipment for liquefied natural gas - Design of onshore installations

Keel: en

Alusdokumendid: EN 1473:2016

Asendatud järgmise dokumendiga: EVS-EN 1473:2021

Standardi staatus: Kehtetu

EVS-EN ISO 17225-2:2014

Solid biofuels - Fuel specifications and classes - Part 2: Graded wood pellets (ISO 17225-2:2014)

Keel: en

Alusdokumendid: ISO 17225-2:2014; EN ISO 17225-2:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 17225-2:2021

Standardi staatus: Kehtetu

EVS-EN ISO 9038:2013

Determination of sustained combustibility of liquids (ISO 9038:2013)

Keel: en

Alusdokumendid: ISO 9038:2013; EN ISO 9038:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 9038:2021

Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10085:2001

Nitriding steels - Technical delivery conditions

Keel: en

Alusdokumendid: EN 10085:2001

Asendatud järgmise dokumendiga: EVS-EN ISO 683-5:2021

Standardi staatus: Kehtetu

EVS-EN 10250-4:2000

Open die steel forgings for general engineering purposes - Part 4: Stainless steels

Keel: en

Alusdokumendid: EN 10250-4:1999

Asendatud järgmise dokumendiga: EVS-EN 10250-4:2021

Standardi staatus: Kehtetu

EVS-EN 13601:2013

Copper and copper alloys - Copper rod, bar and wire for general electrical purposes

Keel: en

Alusdokumendid: EN 13601:2013

Asendatud järgmise dokumendiga: EVS-EN 13601:2021

Standardi staatus: Kehtetu

EVS-EN 13603:2013

Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes

Keel: en

Alusdokumendid: EN 13603:2013

Asendatud järgmise dokumendiga: EVS-EN 13603:2021

Standardi staatus: Kehtetu

EVS-EN 13605:2013

Copper and copper alloys - Copper profiles and profiled wire for electrical purposes

Keel: en

Alusdokumendid: EN 13605:2013

Asendatud järgmise dokumendiga: EVS-EN 13605:2021

Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15344:2007

Plastics - Recycled Plastics - Characterisation of Polyethylene (PE) recycles

Keel: en

Alusdokumendid: EN 15344:2007

Asendatud järgmise dokumendiga: EVS-EN 15344:2021

Standardi staatus: Kehtetu

EVS-EN ISO 14557:2003/A1:2007

Tuletõrjevoolikud. Kummist ja plastmassist imivoolikud ja voolikuliitmikud. Muudatus 1 Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies - Amendment 1 (ISO 14557:2002/Amd 1:2007)

Keel: en

Alusdokumendid: ISO 14557:2002/Amd 1:2007; EN ISO 14557:2002/A1:2007

Asendatud järgmise dokumendiga: EVS-EN ISO 14557:2021

Standardi staatus: Kehtetu

85 PABERITEHNOLOOGIA

EVS-EN 1034-1:2000+A1:2010

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 1: Üldised nõuded KONSOLIDEERITUD TEKST
Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 1: Common requirements CONSOLIDATE TEXT

Keel: en
Alusdokumendid: EN 1034-1:2000+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 1034-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 638:2008

Tehnilised tselluloosid. Kuivainesisalduse määramine
Paper, board and pulps - Determination of dry matter content - Oven-drying method

Keel: en
Alusdokumendid: ISO 638:2008; EN ISO 638:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 638-1:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 638-2:2021
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN 12206-1:2004

Paints and varnishes - Coating of aluminium and aluminium alloys for architectural purposes - Part 1: Coatings prepared from powder coating materials

Keel: en
Alusdokumendid: EN 12206-1:2004
Asendatud järgmise dokumendiga: EVS-EN 12206-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 276:2010

Binders for paints and varnishes - Linseed stand oil - Requirements and methods of test

Keel: en
Alusdokumendid: ISO 276:2002; EN ISO 276:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 276:2021
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS 846:2013

Hoone kanalisatsioon
Draining system inside buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 846:2021
Standardi staatus: Kehtetu

EVS 848:2013

Väliskanaliseerimisvõrk
Sewer systems outside buildings

Keel: et
Alusdokumendid: EVS 848:2013/AC:2013
Asendatud järgmise dokumendiga: EVS 848:2021
Parandatud järgmise dokumendiga: EVS 848:2013/AC:2013
Standardi staatus: Kehtetu

EVS 848:2013/AC:2013

Väliskanaliseerimisvõrk
Sewer systems outside buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 848:2021
Standardi staatus: Kehtetu

EVS-EN 1264-1:2011

Water based surface embedded heating and cooling systems - Part 1: Definitions and symbols

Keel: en

Alusdokumendid: EN 1264-1:2011

Asendatud järgmise dokumendiga: EVS-EN 1264-1:2021

Standardi staatus: Kehtetu

EVS-EN 1264-2:2008+A1:2012

Water based surface embedded heating and cooling systems - Part 2: Floor heating: Prove methods for the determination of the thermal output using calculation and test methods

Keel: en

Alusdokumendid: EN 1264-2:2008+A1:2012

Asendatud järgmise dokumendiga: EVS-EN 1264-2:2021

Standardi staatus: Kehtetu

EVS-EN 1264-5:2008

Water based surface embedded heating and cooling systems - Part 5: Heating and cooling surfaces embedded in floors, ceilings and walls - Determination of the thermal output

Keel: en

Alusdokumendid: EN 1264-5:2008

Asendatud järgmise dokumendiga: EVS-EN 1264-5:2021

Standardi staatus: Kehtetu

EVS-EN 1488:2000

Building valves - Expansion groups - Tests and requirements

Keel: en

Alusdokumendid: EN 1488:2000

Asendatud järgmise dokumendiga: EVS-EN 1488:2021

Standardi staatus: Kehtetu

EVS-EN 16758:2016

Curtain walling - Determination of the strength of sheared connections - Test method and requirements

Keel: en

Alusdokumendid: EN 16758:2016

Asendatud järgmise dokumendiga: EVS-EN 16758:2021

Muudetud järgmise dokumendiga: EN 16758:2016/prA1:2017

Standardi staatus: Kehtetu

EVS-EN 437:2018

Katsetusgaasid. Katsetusrõhud. Tarvitite kategooriad Test gases - Test pressures - Appliance categories

Keel: en, et

Alusdokumendid: EN 437:2018

Asendatud järgmise dokumendiga: EVS-EN 437:2021

Standardi staatus: Kehtetu

EVS-EN ISO 10140-1:2016

Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products (ISO 10140-1:2016)

Keel: en

Alusdokumendid: ISO 10140-1:2016; EN ISO 10140-1:2016

Asendatud järgmise dokumendiga: EVS-EN ISO 10140-1:2021

Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 1463-2:2000

Road marking materials - Retroreflecting road studs - Part 2: Road test performance specifications

Keel: en

Alusdokumendid: EN 1463-2:2000

Asendatud järgmise dokumendiga: EVS-EN 1463-2:2021

Standardi staatus: Kehtetu

EVS-EN 16282-3:2016

Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 3: Kitchen ventilation ceilings; Design and safety requirements

Keel: en

Alusdokumendid: EN 16282-3:2016

Asendatud järgmise dokumendiga: EVS-EN 16282-3:2016+A1:2021

Standardi staatus: Kehtetu

EVS-EN 16582-1:2015

Domestic swimming pools - Part 1: General requirements including safety and test methods

Keel: en

Alusdokumendid: EN 16582-1:2015

Asendatud järgmise dokumendiga: EVS-EN 16582-1:2015+A1:2021

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 huvitatul 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 arvamusküsitlusele oleva kavandi kohta on esitatud alljärgnev informatsioon:

- tähis;
- pealkiri;
- käsitusala;
- 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 kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN 16261-1

Pyrotechnic articles - Fireworks, category F4 - Part 1: Terminology

This document defines various terms relating to the design, construction, performance, labelling and testing of category F4 fireworks.

Keel: en

Alusdokumendid: prEN 16261-1

Asendab dokumenti: EVS-EN 16261-1:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 6165

Earth-moving machinery - Basic types - Identification and terms and definitions (ISO/DIS 6165:2021)

This document gives terms and definitions and an identification structure for classifying earth-moving machinery designed to perform the following operations: — excavation; — loading; — transportation; — drilling, spreading, compacting or trenching of earth, rock and other materials, during work, for example, on roads and dams, in quarries and mines and on building sites. The purpose of this document is to provide a clear means to identify earth-moving machinery according to its function and design configurations and with secondary classifications according to its operating mass and control operator configuration. Annex A provides a procedure based on the identification structure used by this document to classify the machinery and introduce detailed identifications consistent with the logic implied by the structure. Annex B provides a hierarchy of the operator control configurations for earth-moving machinery.

Keel: en

Alusdokumendid: ISO/DIS 6165; prEN ISO 6165

Asendab dokumenti: EVS-EN ISO 6165:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

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

prEN ISO 56005

Innovation management - Tools and methods for intellectual property management - Guidance (ISO 56005:2020)

Efficient management of IP is key to support the process of innovation, is essential for organizations' growth and protection, and is their engine for competitiveness. This document proposes guidelines for supporting the role of IP within innovation management. It aims to address the following issues concerning IP management at strategic and operational levels: — Creating an IP strategy to support innovation in an organization; — Establishing systematic IP management within the innovation processes; — Applying consistent IP tools and methods in support of efficient IP management. This document can be used for any type of innovation activities and initiatives.

Keel: en

Alusdokumendid: ISO 56005:2020; prEN ISO 56005

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN ISO 21805

Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO/DIS 21805:2021)

This document provides guidance on fulfilling the requirements contained in ISO 6183:2009, 6.4.1 and 7.4.1 and ISO 14520-1:2015, 5.2.1 (h) and 5.3 (h), in respect to over and under pressurization venting and post-discharge extract. It considers the design, selection and installation of vents to safeguard the structural integrity of enclosures protected by fixed gaseous extinguishing systems and the post-discharge venting provisions where used.

Keel: en

Alusdokumendid: ISO/DIS 21805; prEN ISO 21805

Asendab dokumenti: CEN ISO/TS 21805:2019

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEVS-ISO 5667-10

Vee kvaliteet. Proovivõtt. Osa 10: Juhised reoveest ja heitveest proovide võtmiseks Water quality - Sampling - Part 10: Guidance on sampling of waste waters (ISO 5667-10:1992)

Standardi käesolev osa esitab olme- ja tööstusreovee proovivõtu põhimõtted, sh proovivõtuplaani koostamine ja proovivõtumeetodid. See standardi osa hõlmab reovett kõikides vormides, sh tööstusreovesi, radioaktiivne reovesi, jahutusvesi, toor- ja puhastatud olmereovesi. Selles standardi osas käsitletakse erinevaid kasutatavaid proovivõtumeetodeid ja rakendatavaid reegleid, et tagada proovide esinduslikkus. Standardi see osa ei hõlma proovivõttu õnnetusjuhtumite ja avariide korral, kuid teatud juhtudel võib kohaldada selles standardi osas kirjeldatud proovivõtumeetodeid.

Keel: en

Alusdokumendid: ISO 5667-10:2020

Asendab dokumenti: EVS-ISO 5667-10:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

prEN 12102-1

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

This document establishes requirements for determining, in accordance with a standardized procedure, the sound power level emitted into the surrounding air by air conditioners, heat pumps, liquid chilling packages with electrically driven compressors when used for space heating and/or cooling, and/or for process, as described in the prEN 14511 series, and dehumidifiers, as described in EN 810. This document also covers the measurement of the sound power level of evaporatively cooled condenser air conditioners, as defined in EN 15218. However, the measurement will be done without external water feeding and these units will thus be considered as the other air conditioners covered by the prEN 14511 series. It is emphasized that this measurement standard only refers to airborne noise.

Keel: en

Alusdokumendid: prEN 12102-1

Asendab dokumenti: EVS-EN 12102-1:2017

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 60118:2021

Electroacoustics - Hearing aids - Part 0: Measurement of the performance characteristics of hearing aids

This part of IEC 60118 gives recommendations for the measurement of the performance characteristics of air conduction hearing aids measured with an acoustic coupler or occluded ear simulator. This part of IEC 60118 is applicable to the measurement and evaluation of the electroacoustical characteristics of hearing aids, for example for type testing and manufacturer data sheets. This part of IEC 60118 is also applicable for the measurement of the performance characteristics of hearing aids for production, supply and delivery quality-assurance purposes. For these measurements the frequency range is limited to 5 kHz. The manufacturer can assign nominal values. The measurement results obtained by the methods specified in this part of IEC 60118 will express the performance under conditions of the measurement and may deviate substantially from the performance of the hearing aid under actual conditions of use. This part of IEC 60118 primarily uses an acoustic coupler according to IEC 60318-5 which is only intended for loading a hearing aid with specified acoustic impedance and is not intended to model the sound pressure in a person's ear. The occluded ear simulator according to IEC 60318-4 may be used for measurements reflecting the output level in the normal human ear. The acoustic coupler according to IEC 60318-8 may be used for extended high frequency measurements and for deep insert hearing aids. This part of IEC 60118 also covers measurement of hearing aids with non-acoustic inputs, such as wireless, inductive or electrical input. For the measurement of the performance characteristics of hearing aids for simulated in situ working conditions, IEC 60118-8 is preferred. For measurement of hearing

aids under typical user settings and using a speech-like signal, IEC 60118-15 is preferred. According to the requirements in this standard, conformance to a specification is established when measured deviations from design goals do not exceed the corresponding acceptance limits AND the uncertainty of measurement does not exceed the corresponding maximum permitted uncertainty of measurement for a coverage probability of 95%. It is not mandatory to perform all tests contained in this document. In the case of custom-made in the ear hearing aids, the data supplied by the manufacturer applies only to the particular hearing aid being measured.

Keel: en

Alusdokumendid: IEC 60118-0:202X; prEN IEC 60118:2021

Asendab dokumenti: EVS-EN 60118-0:2015

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 60477:2021

Laboratory DC resistors

This document applies to resistors intended for use as laboratory DC resistors (hereinafter referred to as "resistors") comprising standard resistors, single or multiple resistors of accuracy Classes 0.00005...10 and single or multi-dial resistors of accuracy Classes 0.0005...10. This document does not apply to: a) resistors which are intended for use solely as permanent mounted circuit components, b) resistors used on alternating current or on pulsed current, c) active resistor d) series resistors and shunts which are considered as accessories of electrical measuring instruments in the relevant IEC publication. EXAMPLE 1 IEC 60051: Recommendations for Direct Acting Indicating Electrical Instruments and Their Accessories. EXAMPLE 2 IEC 60258: Direct Recording Electrical Measuring Instruments and Their Accessories.

Keel: en

Alusdokumendid: prEN IEC 60477:2021; IEC 60477:202X

Asendab dokumenti: EVS-EN 60477:2001

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 60477-2:2021

Laboratory resistors. Part 2: Laboratory AC resistors

This part of IEC 60477 applies to resistors intended as laboratory AC resistors for use over a range of frequencies from DC up to a stated frequency which is not in excess of 1 MHz. Such resistors are hereinafter referred to as "AC resistors". In addition to satisfying the requirements of IEC 60477, resistors satisfying the requirements of this standard are designed to have a small variation of resistance and a small phase displacement over the stated frequency range. Because of the uncertainties in AC properties which can result from stray inductances, stray capacitances, eddy currents, dielectric absorption effects and skin effect, the AC resistors to which this standard applies are classified according to their construction (see Annex D), as follows: a) Two-terminal resistor which each of one terminal both for current and potential; b) Three-terminal resistor which has one more shield terminal (also could be called as guard terminal) connected to the electric screen than the two-terminal resistor to reduce the stray capacitances effect; c) Four-terminal resistor which has independent current terminals and potential terminals to reduce the stray inductances and contact resistances; d) Five-terminal resistor which has one more shield terminal than the four-terminal resistor; e) Four-terminal coaxial resistor which has two terminal-pairs with the outer shield conductors working as the low terminal of current or potential; f) Two-terminal-pair resistor which has two terminal-pairs with the outer shield conductors working as the return path for the signal current (not grounded); g) Four-terminal-pair resistor which has four terminal-pairs with the outer shield conductors working as the return path for the signal current (not grounded) to eliminate the effect of mutual coupling between the current and potential leads.

Keel: en

Alusdokumendid: IEC 60477-2:202X; prEN IEC 60477-2:2021

Asendab dokumenti: EVS-EN 60477-2:2001

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 1

Geometrical product specifications (GPS) - Standard reference temperature for the specification of geometrical and dimensional properties (ISO/DIS 1:2021)

This document defines the concepts of a reference temperature and of the standard reference temperature, and specifies the standard reference temperature value for the specification of geometrical and dimensional properties of an object. Some examples of geometrical and dimensional properties include size, location, orientation (including angle), form and surface texture of a workpiece. This document is also applicable to the definition of the measurand used in verification or calibration.

Keel: en

Alusdokumendid: ISO/DIS 1; prEN ISO 1

Asendab dokumenti: EVS-EN ISO 1:2016

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 4373

Hydrometry - Water level measuring devices (ISO/DIS 4373:2021)

This International Standard specifies the functional requirements of instrumentation for measuring the level of water surface (stage), primarily for the purpose of determining flow rates. This International Standard is supplemented by an annex providing guidance on the types of water level measurement devices currently available and the measurement uncertainty associated with them (see Annex A). This standard covers both contact and non-contact methods of measurement. The non-contact methods are not in direct material contact with the water surface but measure the height of the water level with ultrasonic or electromagnetic waves.

Keel: en
Alusdokumendid: ISO/DIS 4373; prEN ISO 4373
Asendab dokumenti: EVS-EN ISO 4373:2008
Arvamusküsitluse lõppkuupäev: 30.07.2021

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 17670-1

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Manholes, inspection chambers and road gullies for storm water systems made of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: Specifications for storm water manholes and inspection chambers

This document specifies the definitions and requirements for unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) storm water manholes and storm water inspection chambers intended for non-pressure use only in storm water systems to a maximum depth of 6 m from ground level to the lowest point of the storm water manhole or inspection chamber. NOTE 1 Products complying with EN 13598-2 may also be used for storm water systems dependent on the requirement of the storm water system. Storm water manholes and inspection chambers complying with this document are intended to be used in pedestrian or vehicular traffic areas outside the building structure. NOTE 2 Products complying with this document can also be used in non-traffic areas. Storm water manholes and inspection chambers complying with this document are made from a prescribed set of components that are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) and assembled together. Storm water manholes and inspection chambers complying with this document may be equipped with optional devices (e.g. removable sand or silt bucket, flow regulators, ventilation parts, etc.), however the performance of these optional devices is not covered within the scope of this document. NOTE 3 Products complying with this standard can be installed in underground applications without additional static calculation. NOTE 4 The complete Storm water manhole or inspection chamber assembly can also include items which are not covered by this document (for example near surface or surface components). NOTE 5 Storm water manholes and inspection chambers can be supplied with covers, frame covers and gratings complying with the relevant part of EN 124 [1]. Storm water manhole and inspection chamber components can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, low-pressure moulding or fabricated. NOTE 6 Storm water manholes and inspection chambers can be site assembled from different components, but can also be manufactured as a single unit. NOTE 7 Storm water manholes and inspection chambers can be subject to national regulations and / or local provisions.

Keel: en
Alusdokumendid: prEN 17670-1

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 17670-2

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Manholes, inspection chambers and road gullies for storm water systems made of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Specification for road gullies

This document specifies the definitions and requirements for unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) storm water road gullies intended for non-pressure use only in storm water and combined systems installed to a maximum depth of 4 m from ground level to the lowest point of the storm water road gully. Storm water road gullies complying with this document are intended to be used in pedestrian or vehicular traffic areas outside the building structure. NOTE 1 Products complying with this document can also be used in non-traffic areas. NOTE 2 Storm water road gullies may be subject to national regulation which limit the maximum installation depth and / or local provisions. The installer should check for compliance prior to installation. Storm water road gullies complying with this document are made from a prescribed set of components that are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) and assembled together. Storm water road gullies complying with this document may be equipped with optional devices (e.g. removable sand or silt bucket, leaf separator etc.), however the performance of these optional devices is not covered within the scope of this document. Storm water road gully components can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, low-pressure moulding, blow moulding, thermoforming or fabricated. NOTE 3 Products complying with this standard can be installed in underground applications without additional static calculation. NOTE 4 The complete storm water road gully assembly can also include items non-plastic items (near surface or surface components for example) which are not covered by this document. NOTE 5 The complete storm water road gully assembly can be supplied with covers, frame covers and gratings complying with the relevant part of EN 124 [1] which are not covered by this document. However, reference should be made to this document for geometrical characteristics where applicable. NOTE 6 Storm water road gullies can be site assembled from different components, but can also be manufactured as a single unit. - storm water road gullies with or without sand / silt trap; - storm water road gullies with or without water seal preventing odour release; - storm water road gullies where the traffic load will or will not be carried by the complete gully (resp. "Direct loaded storm water gullies" or "Indirect loaded storm water gullies").

Keel: en
Alusdokumendid: prEN 17670-2

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 11114-6

Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 6: Oxygen pressure surge testing (ISO/DIS 11114-6:2021)

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

Keel: en

Alusdokumendid: ISO/DIS 11114-6; prEN ISO 11114-6

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 11296-9

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 9: Lining with a rigidly anchored plastics inner layer (ISO/DIS 11296-9:2021)

This document, in conjunction with EN ISO 11296-1, specifies requirements and test methods for pipes and fittings for the renovation of underground non-pressure drainage and sewerage networks by lining with a single rigid annulus of structural cementitious grout formed behind a plastics inner layer. This plastics layer serves as permanent formwork anchored to the grout. This document is applicable to plastics inner layers and grout systems with or without steel reinforcement. It does not apply to the structural design of the lining system. NOTE Systems with multiple annuli are available, but these are controlled by patent rights and not covered by this Standard.

Keel: en

Alusdokumendid: ISO/DIS 11296-9; prEN ISO 11296-9

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 3459

Plastic piping systems - Mechanical joints between fittings and pressure pipes - Test method for leak tightness under negative pressure (ISO/DIS 3459:2021)

This International Standard specifies two methods of testing for checking the leaktightness of assembled joints between mechanical fittings and plastic pressure pipes with diameters up to and including 63 mm. The test applies regardless of the design and material of the fitting used for jointing plastics pipe. This test method is not applicable to fusion-welded joints.

Keel: en

Alusdokumendid: ISO/DIS 3459; prEN ISO 3459

Asendab dokumenti: EVS-EN ISO 3459:2015

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 3501

Plastics piping systems - Mechanical joints between fittings and pressure pipes - Test method for resistance to pull-out under constant longitudinal force (ISO/DIS 3501:2021)

This International Standard specifies a method for checking the ability of assembled uniaxial joints between fittings and plastic pressure pipes to withstand longitudinal tensile stresses. The test applies regardless of the design and material of the fitting used for jointing plastics pipe. This test method is not applicable to fusion-welded joints.

Keel: en

Alusdokumendid: ISO/DIS 3501; prEN ISO 3501

Asendab dokumenti: EVS-EN ISO 3501:2015

Arvamusküsitluse lõppkuupäev: 30.07.2021

25 TOOTMISTEHNOLLOOGIA

prEN 4881

Aerospace series - Micro-arc oxidation of aluminium and aluminium alloys

This document defines the requirements for micro-arc oxidation of aluminium and aluminium alloys for corrosion protection, wear, erosion, dielectric and thermal properties. The purpose of this document is to give design, quality and manufacturing requirements. It does not give complete in-house process instructions; these are given in the processors detailed process instructions. This document relates only to micro-arc oxidation. It does not relate to finishing techniques, such as mechanical post treatment.

Keel: en

Alusdokumendid: prEN 4881

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 4528

Vitreous and porcelain enamel finishes - Guide to selection of test methods for vitreous and porcelain enamelled areas of articles (ISO/DIS 4528:2021)

This International Standard is a guide to the selection of test methods for evaluating the performance of vitreous and porcelain enamelled finishes in different applications. It references the test methods available for measuring the properties of these

finishes and correlates these properties to the requirements of specific enamelled articles. It is limited for the most part to test methods that are described in ISO International/European Standards and does not provide acceptance criteria or performance limits for the properties. This International Standard applies to all enamelled articles irrespective of their basis metals.

Keel: en

Alusdokumendid: ISO/DIS 4528; prEN ISO 4528

Asendab dokumenti: EVS-EN ISO 4528:2015

Arvamusküsitluse lõppkuupäev: 30.07.2021

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 12102-1

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

This document establishes requirements for determining, in accordance with a standardized procedure, the sound power level emitted into the surrounding air by air conditioners, heat pumps, liquid chilling packages with electrically driven compressors when used for space heating and/or cooling, and/or for process, as described in the prEN 14511 series, and dehumidifiers, as described in EN 810. This document also covers the measurement of the sound power level of evaporatively cooled condenser air conditioners, as defined in EN 15218. However, the measurement will be done without external water feeding and these units will thus be considered as the other air conditioners covered by the prEN 14511 series. It is emphasized that this measurement standard only refers to airborne noise.

Keel: en

Alusdokumendid: prEN 12102-1

Asendab dokumenti: EVS-EN 12102-1:2017

Arvamusküsitluse lõppkuupäev: 30.07.2021

29 ELEKTROTEHNIKA

EN 50163:2004/prA3:2021

Raudteealased rakendused. Veosüsteemide tööpinge Railway applications - Supply voltages of traction systems

This European Standard specifies the main characteristics of the supply voltages of traction systems, such as traction fixed installations, including auxiliary devices fed by the contact line, and rolling stock, for use in the following applications : – railways; – guided mass transport systems such as tramways, elevated and underground railways mountain railways, and trolleybus systems; – material transportation systems. This European Standard does not apply to – mine traction systems in underground mines, – cranes, transportable platforms and similar transportation equipment on rails, temporary structures (e.g. exhibition structures) in so far as these are not supplied directly or via transformers from the contact line system and are not endangered by the traction power supply system, – suspended cable cars, – funicular railways. This European Standard deals with long term overvoltages as shown in the Annex A.

Keel: en

Alusdokumendid: EN 50163:2004/prA3:2021

Muudab dokumenti: EVS-EN 50163:2005

Arvamusküsitluse lõppkuupäev: 30.07.2021

EN 50317:2012/prA1:2021

Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

This European Standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line.

Keel: en

Alusdokumendid: EN 50317:2012/prA1:2021

Muudab dokumenti: EVS-EN 50317:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

EN 60400:2017/prA2:2021

Amendment 2 - Lampholders for tubular fluorescent lamps and starterholders

Amendment to EN 60400:2017

Keel: en

Alusdokumendid: IEC 60400:2017/A2:202X; EN 60400:2017/prA2:2021

Muudab dokumenti: EVS-EN 60400:2017

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 62271-212:2021

High-voltage switchgear and controlgear - Part 212: Compact Equipment Assembly for Distribution Substation (CEADS)

This part of IEC 62271 specifies the service conditions, rated characteristics, general structural requirements and test methods of the assemblies of the main electrical functional units of a high-voltage substation, duly interconnected, for operating voltages up to and including 52 kV on the high-voltage side, service frequency 50 Hz or 60 Hz. The CEADS is cable-connected to the high-voltage network for indoor and outdoor applications of restricted access. A CEADS as defined in this document is designed and tested to be a single product with a single serial number and one set of documentation. The functions of a CEADS can be: - switching and control for the operation of the high-voltage circuit(s); - switching and control for the operation of the low-voltage circuit(s); - protection of the power transformer functional unit; - high-voltage/high-voltage or high-voltage/low-voltage transformation; To comply with CEADS requirements it is not necessary for all main functions to exist on every product. The main functions are integrated in the following functional units: - high-voltage functional unit - power transformer functional unit - low-voltage functional unit NOTE For the purpose of this document a self-protected transformer is not considered as a CEADS, but as a functional unit, designed and type tested to its own product standard IEC 60076-13:2006.

Keel: en

Alusdokumendid: IEC 62271-212:202X; prEN IEC 62271-212:2021

Asendab dokumenti: EVS-EN 62271-212:2017

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63182-3:2021

Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 3: E-cores

This part of IEC 63182 specifies the dimensions that are of importance for mechanical interchangeability for a preferred range of E-cores made of metallic magnetic powder, the essential dimensions of coil formers to be used with them as well the effective parameter values to be used in calculations involving them, and gives guidelines on allowable limits of surface irregularities applicable to E-cores. This document is a specification useful in the negotiations between magnetic powder core suppliers and users about surface irregularities. The use of "derived" standards which give more detailed specifications of component parts while still permitting compliance with this standard is discussed in Annex A.

Keel: en

Alusdokumendid: IEC 63182-3:202X; prEN IEC 63182-3:2021

Arvamusküsitluse lõppkuupäev: 30.07.2021

31 ELEKTROONIKA

prEN IEC 60512-99-002:2021

Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for unmating under electrical load

This part of IEC 60512 is used for the assessment of connectors within the scope of SC 48B that are used in twisted pair communication cabling with remote power, such as ISO/IEC 11801-1 Class D, or better, balanced cabling in support of IEEE 802.3btTM (Power over Ethernet, Type 3 and Type 4, supporting up to 90 W from the power sourcing equipment). The object of this document is to detail a test schedule to determine the ability of sets of connectors to withstand a minimum of 100 mechanical operations with electrical load, where an electrical current is being passed through the connectors in accordance with IEC 60512-9-3 during the separation (unmating) step.

Keel: en

Alusdokumendid: IEC 60512-99-002:202X; prEN IEC 60512-99-002:2021

Asendab dokumenti: EVS-EN IEC 60512-99-002:2019

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 60749-10:2021

Semiconductor devices - Mechanical and climatic test methods - Part 10: Mechanical shock - device and subassembly

This part of IEC 60749 is intended to evaluate devices in the free state and assembled to printed wiring boards for use in electrical equipment. The method is intended to determine the compatibility of devices and subassemblies to withstand moderately severe shocks. The use of subassemblies is a means to test devices in usage conditions as assembled to printed wiring boards. Mechanical shock due to suddenly applied forces, or abrupt change in motion produced by handling, transportation or field operation may disturb operating characteristics, particularly if the shock pulses are repetitive. This is a destructive test intended for device qualification.

Keel: en

Alusdokumendid: IEC 60749-10:202X; prEN IEC 60749-10:2021

Asendab dokumenti: EVS-EN 60749-10:2003

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 60966-2-8:2021**Radio frequency and coaxial cable assemblies - Part 2-8: Detail specification for cable assemblies for radio and TV receivers - Frequency range up to 3000MHz, Screening class A++, IEC61169-47 connectors**

This part of IEC 60966 is a detail specification that applies to cable assemblies with F-Quick connectors (see IEC 61169-47) and requires quad-shield screening class A++ (see IEC 61196-6-5). This detail specification gives subfamily requirements and severities which shall be applied. The qualification will be conducted in accordance with 12.2 of IEC 60966-2-1:2008. Once one variant obtains qualification approval, the other variant can obtain qualification approval by conducting tests whose results might depend on the variants, for example reflection properties, Insertion loss etc.

Keel: en

Alusdokumendid: IEC 60966-2-8:202X; prEN IEC 60966-2-8:2021

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63033-1:2021**Multimedia Systems and equipment for vehicle - Surround view system - Part 1: General**

This part of IEC 63033 specifies the model for generating the surrounding visual image of the surround view system.

Keel: en

Alusdokumendid: IEC 63033-1:202X; prEN IEC 63033-1:2021

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63033-2:2021**Multimedia Systems and equipment for vehicle - Surround view system - Part 2: Recording methods of the surround view system**

This part of IEC 63033 specifies recording methods of the surround view system that is specified in IEC 63033-1 in order to view the recorded video file with free eye point technology.

Keel: en

Alusdokumendid: IEC 63033-2:202X; prEN IEC 63033-2:2021

Asendab dokumenti: EVS-EN IEC 63033-2:2019

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63033-3:2021**Multimedia Systems and equipment for vehicle - Surround view system - Part 3: Measurement methods**

This document specifies measurement methods for the surround view system that is specified in IEC 63033-1.

Keel: en

Alusdokumendid: IEC 63033-3:202X; prEN IEC 63033-3:2021

Asendab dokumenti: EVS-EN IEC 63033-3:2019

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63033-4:2021**Multimedia Systems and equipment for vehicle - Surround view system - Part 4: Application for Camera Monitor Systems**

This document specifies that is the multiple camera composite images generated by the surround view system of IEC 63033-1 is applied to the FOV and display requirement specified UN Regulation No. 46.

Keel: en

Alusdokumendid: IEC 63033-4:202X; prEN IEC 63033-4:2021

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63138-3:2021**Multi radio frequency channel connector Part 3: Sectional specification for MQ5 series circular connector**

This part of IEC 63138, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for MQ5 series circular connectors with five RF channels, as well as a detailed specification of the blank format. An MQ5 series circular connector with 50 Ω nominal impedance has five RF channels which can be engaged and disengaged at the same time. There are two versions of plug connectors, one is a quick-lock version, and the other is a threaded version. The socket connector provides two coupling mechanisms, a quick-lock and a threaded coupling. MQ5 series circular connectors can be used in mobile communication systems and in other communication equipment. This document also specifies the mating face dimensions and gauging information of MQ5 series circular connectors, and tests selected from IEC 63138-1, applicable to all detail specifications relating to MQ5 series circular connectors.

Keel: en

Alusdokumendid: IEC 63138-3:202X; prEN IEC 63138-3:2021

Arvamusküsitluse lõppkuupäev: 30.07.2021

35 INFOTEHNOLOOGIA

prEN IEC 62623:2021

Desktop and notebook computers - Measurement of energy consumption (TA 19)

This International Standard covers personal computing products. It applies to desktop and notebook computers as defined in 4.1 that are marketed as final products and that are hereafter referred to as the equipment under test (EUT) or product. This standard specifies: - a test procedure to enable the measurement of the power and/or energy consumption in each of the EUT's power modes; - formulas for calculating the typical energy consumption (TEC) for a given period (normally annual); - a majority profile that should be used with this standard which enables conversion of average power into energy within the TEC formulas; - a pre-defined format for the presentation of results. This standard does not set any pass/fail criteria for the EUTs. Users of the test results should define such criteria.

Keel: en

Alusdokumendid: IEC 62623:202X; prEN IEC 62623:2021

Asendab dokumenti: EVS-EN 62623:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 63033-1:2021

Multimedia Systems and equipment for vehicle - Surround view system - Part 1: General

This part of IEC 63033 specifies the model for generating the surrounding visual image of the surround view system.

Keel: en

Alusdokumendid: IEC 63033-1:202X; prEN IEC 63033-1:2021

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63033-2:2021

Multimedia Systems and equipment for vehicle - Surround view system - Part 2: Recording methods of the surround view system

This part of IEC 63033 specifies recording methods of the surround view system that is specified in IEC 63033-1 in order to view the recorded video file with free eye point technology.

Keel: en

Alusdokumendid: IEC 63033-2:202X; prEN IEC 63033-2:2021

Asendab dokumenti: EVS-EN IEC 63033-2:2019

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63033-3:2021

Multimedia Systems and equipment for vehicle - Surround view system - Part 3: Measurement methods

This document specifies measurement methods for the surround view system that is specified in IEC 63033-1.

Keel: en

Alusdokumendid: IEC 63033-3:202X; prEN IEC 63033-3:2021

Asendab dokumenti: EVS-EN IEC 63033-3:2019

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN IEC 63033-4:2021

Multimedia Systems and equipment for vehicle - Surround view system - Part 4: Application for Camera Monitor Systems

This document specifies that is the multiple camera composite images generated by the surround view system of IEC 63033-1 is applied to the FOV and display requirement specified UN Regulation No. 46.

Keel: en

Alusdokumendid: IEC 63033-4:202X; prEN IEC 63033-4:2021

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 21058

Road vehicles - Dimethyl Ether (DME) refuelling connector (ISO 21058:2019)

This document applies only to Dimethyl Ether refuelling connectors hereinafter referred to as devices, constructed entirely of new, unused parts and materials. Dimethyl Ether refuelling connectors consist of the following components, as applicable: a) Nozzle (mounted on dispenser side). b) Receptacle (mounted on vehicle). This document applies to devices which use Dimethyl Ether as fuel, hereinafter referred to in this document as D15 [see 9.1 c)]. This document applies to devices with standardised

mating components. This document applies to connectors which prevent Dimethyl Ether vehicles from being fuelled by fuel station dispensers for other gaseous fuels. This document is applicable to: Dimethyl Ether in accordance with ISO 16861. NOTE All references to pressures (kPa) throughout this document are considered gauge pressures unless otherwise specified.

Keel: en

Alusdokumendid: ISO 21058:2019; prEN ISO 21058

Arvamusküsitluse lõppkuupäev: 30.07.2021

45 RAUDTEETEHNIKA

EN 15437-1:2009/prA1

Railway applications - Axlebox condition monitoring - Interface and design requirements - Part 1: Track side equipment and rolling stock axlebox

Revised Annex ZA

Keel: en

Alusdokumendid: EN 15437-1:2009/prA1

Muudab dokumenti: EVS-EN 15437-1:2009

Arvamusküsitluse lõppkuupäev: 30.07.2021

EN 15437-2:2012/prA1

Railway applications - Axlebox condition monitoring - Interface and design requirements - Part 2: Performance and design requirements of on-board systems for temperature monitoring

Revised Annex ZA

Keel: en

Alusdokumendid: EN 15437-2:2012/prA1

Muudab dokumenti: EVS-EN 15437-2:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

EN 50317:2012/prA1:2021

Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine

Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

This European Standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line.

Keel: en

Alusdokumendid: EN 50317:2012/prA1:2021

Muudab dokumenti: EVS-EN 50317:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 4627

Aerospace series - Steel X4CrNiMo16-5-1 (1.4418) - Air melted - Hardened and tempered - Forgings - $De \leq 200$ mm - $1\ 150$ MPa $\leq R_m \leq 1\ 300$ MPa

This document specifies the requirements relating to: — Steel X4CrNiMo16-5-1 (1.4418); — Air melted; — Hardened and tempered; — Forgings; — $De \leq 200$ mm; — $1\ 150$ MPa $\leq R_m \leq 1\ 300$ 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: prEN 4627

Asendab dokumenti: EVS-EN 4627:2014

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 4628

Aerospace series - Steel X4CrNiMo16-5-1 (1.4418) - Air melted - Hardened and tempered - Bar - $De \leq 200$ mm - $1\ 150$ MPa $\leq R_m \leq 1\ 300$ MPa

This document specifies the requirements relating to: — Steel X4CrNiMo16-5-1 (1.4418) — Air melted — Hardened and tempered — Bars — $De \leq 200$ mm — $1\ 150$ MPa $\leq R_m \leq 1\ 300$ 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: prEN 4628

Asendab dokumenti: EVS-EN 4628:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 4881

Aerospace series - Micro-arc oxidation of aluminium and aluminium alloys

This document defines the requirements for micro-arc oxidation of aluminium and aluminium alloys for corrosion protection, wear, erosion, dielectric and thermal properties. The purpose of this document is to give design, quality and manufacturing requirements. It does not give complete in-house process instructions; these are given in the processors detailed process instructions. This document relates only to micro-arc oxidation. It does not relate to finishing techniques, such as mechanical post treatment.

Keel: en

Alusdokumendid: prEN 4881

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 4882

Aerospace series - Steel X5CrNiCu 17-4 (1.4542) - Air melted - Solution treated and precipitation treated - Sheets and strips - $a \leq 6$ mm - $R_m \geq 1\,070$ MPa

This document specifies the requirements relating to: Steel X5CrNiCu 17-4 (1.4542) Air melted Solution treated and precipitation treated Sheets and strips $a \leq 6$ mm $R_m \geq 1\,070$ MPa for aerospace applications. W.nr: 1.4542. The ASD-STAN designation of this material is FE-PM3801.

Keel: en

Alusdokumendid: prEN 4882

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 4883

Aerospace series - Steel X5CrNiCu 17-4 (1.4542) - Air melted - Solution treated and precipitation treated - Plates - 6 mm $\leq a \leq 100$ mm - $R_m \geq 1\,070$ MPa

This document specifies the requirements relating to: Steel X5CrNiCu 17-4 (1.4542) Air melted Solution treated and precipitation treated Plates 6 mm $\leq a \leq 100$ mm $R_m \geq 1\,070$ MPa for aerospace applications. W.nr: 1.4542. The ASD-STAN designation of this material is FE-PM3801.

Keel: en

Alusdokumendid: prEN 4883

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 4884

Aerospace series - Steel X3CrNiMoAl (13-8-2) - Vacuum induction melted and consumable electrode remelted - Solution treated and precipitation treated - Bars for machining - a or $D \leq 200$ mm - $1\,200$ MPa $\leq R_m \leq 1\,350$ MPa

This document specifies the requirements relating to: — Steel X3CrNiMoAl (13-8-2); — Vacuum induction melted and consumable electrode remelted; — Solution treated and precipitation treated; — Bars for machining; — a or $D \leq 200$ mm; — $1\,200$ MPa $\leq R_m \leq 1\,350$ MPa for aerospace applications. WL: 1.4534.

Keel: en

Alusdokumendid: prEN 4884

Arvamusküsitluse lõppkuupäev: 30.07.2021

53 TÖSTE- JA TEISALDUS-SEADMED

EN 15512:2020/prA1

Steel static storage systems - Adjustable pallet racking systems - Principles for structural design

This European Standard specifies the structural design requirements applicable to all types of adjustable beam pallet rack systems fabricated from steel members intended for the storage of unit loads and subject to predominantly static loads. Both unbraced and braced systems are included. This European Standard gives guidelines for the design of clad rack buildings where requirements are not covered in EN 1993. The requirements of this European Standard also apply to ancillary structures, where rack components are employed as the main structural members. This European Standard does not cover other generic types of storage structures. Specifically, this European Standard does not apply to mobile storage systems, drive-in, drive-through and cantilever racks or static steel shelving systems, nor does this European Standard establish specific design rules for the assessment of racking in seismic areas.

Keel: en

Alusdokumendid: EN 15512:2020/prA1

Muudab dokumenti: EVS-EN 15512:2020

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 6165

Earth-moving machinery - Basic types - Identification and terms and definitions (ISO/DIS 6165:2021)

This document gives terms and definitions and an identification structure for classifying earth-moving machinery designed to perform the following operations: — excavation; — loading; — transportation; — drilling, spreading, compacting or trenching of earth, rock and other materials, during work, for example, on roads and dams, in quarries and mines and on building sites. The purpose of this document is to provide a clear means to identify earth-moving machinery according to its function and design configurations and with secondary classifications according to its operating mass and control operator configuration. Annex A provides a procedure based on the identification structure used by this document to classify the machinery and introduce detailed identifications consistent with the logic implied by the structure. Annex B provides a hierarchy of the operator control configurations for earth-moving machinery.

Keel: en

Alusdokumendid: ISO/DIS 6165; prEN ISO 6165

Asendab dokumenti: EVS-EN ISO 6165:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 2078

Textile glass - Yarns - Designation (ISO/DIS 2078:2021)

This International Standard specifies a system of designating textile glass yarns [including single, multiple-wound, folded (plied), cabled and textured yarns, strands, slivers and rovings] based on their linear density expressed in the tex system. This International Standard applies the rules of the single-to-fold designation given in ISO 1139 to these textile glass products.

Keel: en

Alusdokumendid: ISO/DIS 2078; prEN ISO 2078

Asendab dokumenti: EVS-EN ISO 2078:2000

Asendab dokumenti: EVS-EN ISO 2078:2000/A1:2015

Arvamusküsitluse lõppkuupäev: 30.07.2021

71 KEEMILINE TEHNOLOOGIA

prEN 16261-1

Pyrotechnic articles - Fireworks, category F4 - Part 1: Terminology

This document defines various terms relating to the design, construction, performance, labelling and testing of category F4 fireworks.

Keel: en

Alusdokumendid: prEN 16261-1

Asendab dokumenti: EVS-EN 16261-1:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 16261-2

Pyrotechnic articles - Fireworks, Category F4 - Part 2: Requirements

This document specifies requirements for the construction, performance and protective packaging of Category F4 fireworks, as listed in EN 16261 1:—1. This document does not apply for articles containing pyrotechnic compositions that include any of the following substances: — arsenic or arsenic compounds; — polychlorobenzenes; — lead or lead compounds; — mercury compounds; — white phosphorus; — picrates or picric acid. In addition, any European regulation regarding forbidden substances is intended to be taken into account.

Keel: en

Alusdokumendid: prEN 16261-2

Asendab dokumenti: EVS-EN 16261-2:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 16261-3

Pyrotechnic articles - Fireworks, Category F4 - Part 3: Test methods

This document specifies test methods for fireworks of category F4.

Keel: en

Alusdokumendid: prEN 16261-3

Asendab dokumenti: EVS-EN 16261-3:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 16261-4

Pyrotechnic articles - Fireworks, Category F4 - Part 4: Minimum labelling requirements and instructions for use

This document specifies the minimum labelling requirements and the mandatory instructions for use for category F4 fireworks.

Keel: en

Alusdokumendid: prEN 16261-4

Asendab dokumenti: EVS-EN 16261-4:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 16265

Pyrotechnic articles - Other pyrotechnic articles - Ignition devices

This document defines the terms and specifies the requirements, means of categorization, test methods, minimum labelling requirements and instructions for use, for ignition devices (except ignition devices for pyrotechnic articles for vehicles) of the following generic types: — igniters; — components for pyrotechnic trains; — pyrotechnic cords and fuses; — delay fuses; — fuzes. NOTE Safety fuses are subject to Directive 2014/28/EU and therefore not considered in this document. This document does not apply for articles containing pyrotechnic compositions that include any of the following substances: — arsenic or arsenic compounds; — polychlorobenzenes; — mercury compounds; — white phosphorus; — picrates or picric acid.

Keel: en

Alusdokumendid: prEN 16265

Asendab dokumenti: EVS-EN 16265:2015

Arvamusküsitluse lõppkuupäev: 30.07.2021

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 15984

Petroleum industry and products - Determination of composition of refinery heating gas and calculation of carbon content and calorific value - Gas chromatography method

This document defines a gas chromatographic analysis for the determination of the composition of fuel gases, as used in refinery heating gas. These results are used to calculate the carbon content and the lower calorific value. With this gas chromatographic analysis, an overall of 23 refinery heating gas components are determined in concentrations as typically found in refineries (see Table 1 for further details). Water is not analysed. The results represent dry gases. NOTE 1 Depending on the equipment used, there is a possibility to determine higher hydrocarbons as well. NOTE 2 For the purposes of this document, the terms "% (V/V)" is used to represent the volume fraction (ϕ). IMPORTANT - This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations.

Keel: en

Alusdokumendid: prEN 15984

Asendab dokumenti: EVS-EN 15984:2017

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 16734

Automotive fuels - Automotive B10 diesel fuel - Requirements and test methods

This European Standard specifies requirements and test methods for marketed and delivered automotive B10 diesel fuel, i.e. diesel fuel containing up to 10,0 % (V/V) Fatty Acid Methyl Ester. It is applicable to fuel for use in diesel engine vehicles compatible with automotive B10 diesel fuel. NOTE 1 This product is allowed in Europe [4], but national legislation can set additional requirements or rules concerning, or even prohibiting, marketing or delivering of the product. NOTE 2 In this European Standard, A-deviations apply (see Annex B). NOTE 3 For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction.

Keel: en

Alusdokumendid: prEN 16734

Asendab dokumenti: EVS-EN 16734:2016+A1:2018

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 590

Automotive fuels - Diesel - Requirements and test methods

This European Standard specifies requirements and test methods for marketed and delivered automotive diesel fuel. It is applicable to automotive diesel fuel for use in diesel engine vehicles designed to run on automotive diesel fuel containing up to 7 % (V/V) Fatty Acid Methyl Ester. NOTE For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction.

Keel: en

Alusdokumendid: prEN 590

Asendab dokumenti: EVS-EN 590:2013/NA:2017

Asendab dokumenti: EVS-EN 590:2013+A1:2017

Asendab dokumenti: EVS-EN 590:2013+A1+NA:2017

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 1856-1**Chimneys - Requirements for metal chimneys - Part 1: System chimney products**

This document specifies the characteristics of performance for single and multi-wall system chimneys with rigid metal liners composed of chimney sections, chimney fittings, terminals and supports with nominal diameter up to and including 1 200 mm, used to convey the products of combustion from appliances to the outside atmosphere. This document also specifies characteristics for the air supply ducts of concentric chimneys for room-sealed application, made out of metal or plastic (without fibre stabilization). Additionally, it specifies assessment and verification of constancy of performance (AVCP). NOTE 1 Metal liners and metal connecting flue pipes, not covered, are included in prEN 1856-2:2021. NOTE 2 This document does not apply to structurally independent chimneys.

Keel: en

Alusdokumendid: prEN 1856-1

Asendab dokumenti: EVS-EN 14989-1:2007

Asendab dokumenti: EVS-EN 14989-2:2008

Asendab dokumenti: EVS-EN 1856-1:2009

Asendab dokumenti: EVS-EN 1859:2009+A1:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 1856-2**Chimneys - Requirements for metal chimneys - Part 2: Metal flue liners and connecting flue pipes**

This document specifies the characteristics of performance for rigid or flexible metal flue liners, rigid metal connecting flue pipes and their fittings used to convey the products of combustion from appliances to the outside atmosphere (including their supports) or the chimney. This document specifies sootfire resistant flue liners, connecting flue pipes and fittings for combustion appliances burning solid, liquid and gaseous fuels and non-sootfire resistant flue liners, connecting flue pipes and fittings for combustion appliances burning liquid and gaseous fuels only. NOTE This means that flue liners, connecting flue pipes and fittings designated "O" are not suitable for combustion appliances burning solid fuel. Vitreous enamelled connecting flue pipes are also covered by this document. Rigid flue liners can be used as flue liners for renovation or adaptation of existing chimneys and as flue liners of custom built chimneys. Flexible metal flue liners described in this document are exclusively for renovation or adaptation of existing chimneys. Flexible connecting flue pipes and extensible flexible products designed to be compressed or extended along their length are excluded from the scope of this document. Single-wall and multi-wall system chimney products (chimney sections, chimney fittings and terminals, including supports) are covered by prEN 1856-1:2021, even if used as liners for existing chimneys or connecting flue pipes.

Keel: en

Alusdokumendid: prEN 1856-2

Asendab dokumenti: EVS-EN 1856-2:2009

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 11296-9**Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 9: Lining with a rigidly anchored plastics inner layer (ISO/DIS 11296-9:2021)**

This document, in conjunction with EN ISO 11296-1, specifies requirements and test methods for pipes and fittings for the renovation of underground non-pressure drainage and sewerage networks by lining with a single rigid annulus of structural cementitious grout formed behind a plastics inner layer. This plastics layer serves as permanent formwork anchored to the grout. This document is applicable to plastics inner layers and grout systems with or without steel reinforcement. It does not apply to the structural design of the lining system. NOTE Systems with multiple annuli are available, but these are controlled by patent rights and not covered by this Standard.

Keel: en

Alusdokumendid: ISO/DIS 11296-9; prEN ISO 11296-9

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 12623**Thermal insulating products for building equipment and industrial installations - Determination of short-term water absorption by partial immersion of preformed pipe insulation (ISO/DIS 12623:2021)**

This European Standard specifies the equipment and procedures for determining the short term water absorption of preformed pipe insulation by partial immersion in water. It is applicable to thermal insulating products. NOTE It is intended to simulate the water absorption caused by exposure to rain for 24 h during product installation. If the pipe insulation is cut from a flat product, then the short term water absorption by partial immersion can be obtained from tests carried out on the flat product with similar properties in accordance with EN 1609, providing the test is carried out in the direction giving the highest water uptake.

Keel: en

Alusdokumendid: ISO/DIS 12623; prEN ISO 12623

Asendab dokumenti: EVS-EN 13472:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 12624

Thermal insulating products for building equipment and industrial installations - Determination of trace quantities of water soluble chloride, fluoride, silicate, sodium ions and pH (ISO/DIS 12624:2021)

This standard specifies the equipment and procedures for determining trace quantities of the water soluble chloride, fluoride, silicate and sodium ions in an aqueous extract of the product. It also describes a procedure for the determination of the pH of the aqueous extract. The standard is applicable to thermal insulating products. NOTE The determination of these parameters may be relevant for thermal insulating products intended for application to stainless austenitic steel surfaces. The presence of chloride, fluoride, silicate and sodium ions under certain conditions may influence the risk of stress corrosion cracking. See informative annex B for further information.

Keel: en

Alusdokumendid: ISO/DIS 12624; prEN ISO 12624

Asendab dokumenti: EVS-EN 13468:2002

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 12628

Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation (ISO/DIS 12628:2021)

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

Keel: en

Alusdokumendid: ISO/DIS 12628; prEN ISO 12628

Asendab dokumenti: EVS-EN 13467:2018

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 12629

Thermal insulating products for building equipment and industrial installations - Determination of water vapour transmission properties of preformed pipe insulation (ISO/DIS 12629:2021)

This European Standard specifies the equipment and procedure for determining the water vapour transmission properties in the steady state under specified test conditions for test specimens of preformed pipe insulation. It is applicable to thermal insulating products. It is intended to be used for homogeneous materials (see NOTE) and for products which may have integral skins or adhered facings of some different material. NOTE A material is considered to be homogeneous in terms of mass distribution if its density is approximately the same throughout, i.e. if the measured density values are close to its mean density. The water vapour transmission rate and permeance values are specific to the test specimen (i.e. the product) thickness tested. For homogeneous products, the water vapour permeability is a property of the material. If the pipe insulation is cut from a flat product, then the water vapour transmission properties can be obtained from tests carried out on the flat product with similar properties in accordance with EN 12086.

Keel: en

Alusdokumendid: ISO/DIS 12629; prEN ISO 12629

Asendab dokumenti: EVS-EN 13469:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 18096

Thermal insulating products for building equipment and industrial installations - Determination of maximum service temperature for preformed pipe insulation (ISO/DIS 18096:2021)

This European Standard specifies the equipment and procedures for determining the maximum service temperature for preformed pipe insulation. It is applicable to thermal insulating products.

Keel: en

Alusdokumendid: ISO/DIS 18096; prEN ISO 18096

Asendab dokumenti: EVS-EN 14707:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 18097

Thermal insulating products for building equipment and industrial installations - Determination of maximum service temperature (ISO/DIS 18097:2021)

This European Standard specifies the equipment and procedures for determining the maximum service temperature of flat insulation products. It is applicable to thermal insulating products.

Keel: en

Alusdokumendid: ISO/DIS 18097; prEN ISO 18097

Asendab dokumenti: EVS-EN 14706:2012

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 18098

Thermal insulating products for building equipment and industrial installations - Determination of the apparent density of preformed pipe insulation (ISO/DIS 18098:2021)

This European Standard specifies the equipment and procedures for determining the apparent overall density and the apparent core density under reference conditions. It is applicable to full size thermal insulating products and test specimens of preformed pipe insulation.

Keel: en

Alusdokumendid: ISO/DIS 18098; prEN ISO 18098

Asendab dokumenti: EVS-EN 13470:2002

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 18099

Thermal insulating products for building equipment and industrial installations - Determination of the coefficient of thermal expansion (ISO/DIS 18099:2021)

This European Standard specifies the equipment and procedures for determining the coefficient of linear thermal expansion. The standard is applicable to thermal insulating products within the temperature range - 196 °C to 850 °C, subject to the possible temperature limitation of the test specimens. It shall not be used for products which during the test experience dimensional changes due to the loss of hydration water or which undergo other phase changes. NOTE Because of its small dimensions the test specimen should be carefully selected to be representative of the product being tested.

Keel: en

Alusdokumendid: ISO/DIS 18099; prEN ISO 18099

Asendab dokumenti: EVS-EN 13471:2002

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 21805

Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO/DIS 21805:2021)

This document provides guidance on fulfilling the requirements contained in ISO 6183:2009, 6.4.1 and 7.4.1 and ISO 14520-1:2015, 5.2.1 (h) and 5.3 (h), in respect to over and under pressurization venting and post-discharge extract. It considers the design, selection and installation of vents to safeguard the structural integrity of enclosures protected by fixed gaseous extinguishing systems and the post-discharge venting provisions where used.

Keel: en

Alusdokumendid: ISO/DIS 21805; prEN ISO 21805

Asendab dokumenti: CEN ISO/TS 21805:2019

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 29465

Thermal insulating products for building applications - Determination of length and width (ISO/DIS 29465:2021)

This European Standard specifies the equipment and procedures for determining the length and width of full-size products. It is applicable to thermal insulating products.

Keel: en

Alusdokumendid: ISO/DIS 29465; prEN ISO 29465

Asendab dokumenti: EVS-EN 822:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 29466

Thermal insulating products for building applications - Determination of thickness (ISO/DIS 29466:2021)

This European Standard specifies the equipment and procedures for determining the thickness of full-size products. It is applicable to thermal insulating products.

Keel: en

Alusdokumendid: ISO/DIS 29466; prEN ISO 29466

Asendab dokumenti: EVS-EN 823:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 29468

Thermal insulating products for building applications - Determination of flatness (ISO/DIS 29468:2021)

This European Standard specifies the equipment and procedures for determining the deviation from flatness for full-size products. It is applicable to thermal insulating products.

Keel: en

Alusdokumendid: ISO/DIS 29468; prEN ISO 29468
Asendab dokumenti: EVS-EN 825:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 29469

Thermal insulating products for building applications - Determination of compression behaviour (ISO/DIS 29469:2021)

This European Standard specifies the equipment and procedures to be used when determining the compression behaviour of test specimens. It is applicable to thermal insulating products and can be used to determine the compressive stress in compressive creep tests and for applications in which insulation products are only exposed to short-term loads. The method can be used for quality control purposes. It may also be employed to obtain reference values from which design values can be calculated using safety factors.

Keel: en

Alusdokumendid: ISO/DIS 29469; prEN ISO 29469
Asendab dokumenti: EVS-EN 826:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 29766

Thermal insulating products for building applications - Determination of tensile strength parallel to faces (ISO/DIS 29766:2021)

This European Standard specifies the equipment and procedures for determining the tensile strength of a product parallel to its faces. It is applicable to thermal insulating products. This European Standard can be used to determine whether the product has sufficient strength to withstand stresses during transportation and application.

Keel: en

Alusdokumendid: ISO/DIS 29766; prEN ISO 29766
Asendab dokumenti: EVS-EN 1608:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 29768

Thermal insulating products for building applications - Determination of linear dimensions of test specimens (ISO/DIS 29768:2021)

This European Standard specifies the characteristics and choice of measuring equipment and the procedure for determining the linear dimensions of test specimens which are taken from thermal insulating products. The procedures for measuring the dimensions of full size products are specified in EN 822 and EN 823.

Keel: en

Alusdokumendid: ISO/DIS 29768; prEN ISO 29768
Asendab dokumenti: EVS-EN 12085:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 29770

Thermal insulating products for building applications - Determination of thickness for floating-floor insulating products (ISO/DIS 29770:2021)

This European Standard specifies the equipment and procedures for determining the thickness of thermal insulating products for impact sound insulation in floating floor applications.

Keel: en

Alusdokumendid: ISO/DIS 29770; prEN ISO 29770
Asendab dokumenti: EVS-EN 12431:2013

Arvamusküsitluse lõppkuupäev: 30.07.2021

93 RAJATISED

prEN 17670-1

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Manholes, inspection chambers and road gullies for storm water systems made of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: Specifications for storm water manholes and inspection chambers

This document specifies the definitions and requirements for unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) storm water manholes and storm water inspection chambers intended for non-pressure use only in storm water systems to a maximum depth of 6 m from ground level to the lowest point of the storm water manhole or inspection chamber. NOTE 1 Products complying with EN 13598-2 may also be used for storm water systems dependent on the requirement of the storm water system. Storm water manholes and inspection chambers complying with this document are intended to be used in pedestrian or vehicular traffic areas outside the building structure. NOTE 2 Products complying with this document can also be used in non-traffic areas. Storm water manholes and inspection

chambers complying with this document are made from a prescribed set of components that are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) and assembled together. Storm water manholes and inspection chambers complying with this document may be equipped with optional devices (e.g. removable sand or silt bucket, flow regulators, ventilation parts, etc.), however the performance of these optional devices is not covered within the scope of this document. NOTE 3 Products complying with this standard can be installed in underground applications without additional static calculation. NOTE 4 The complete Storm water manhole or inspection chamber assembly can also include items which are not covered by this document (for example near surface or surface components). NOTE 5 Storm water manholes and inspection chambers can be supplied with covers, frame covers and gratings complying with the relevant part of EN 124 [1]. Storm water manhole and inspection chamber components can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, low-pressure moulding or fabricated. NOTE 6 Storm water manholes and inspection chambers can be site assembled from different components, but can also be manufactured as a single unit. NOTE 7 Storm water manholes and inspection chambers can be subject to national regulations and / or local provisions.

Keel: en

Alusdokumendid: prEN 17670-1

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN 17670-2

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Manholes, inspection chambers and road gullies for storm water systems made of unplasticized polyvinyl chloride (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Specification for road gullies

This document specifies the definitions and requirements for unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) storm water road gullies intended for non-pressure use only in storm water and combined systems installed to a maximum depth of 4 m from ground level to the lowest point of the storm water road gully. Storm water road gullies complying with this document are intended to be used in pedestrian or vehicular traffic areas outside the building structure. NOTE 1 Products complying with this document can also be used in non-traffic areas. NOTE 2 Storm water road gullies may be subject to national regulation which limit the maximum installation depth and / or local provisions. The installer should check for compliance prior to installation. Storm water road gullies complying with this document are made from a prescribed set of components that are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) and assembled together. Storm water road gullies complying with this document may be equipped with optional devices (e.g. removable sand or silt bucket, leaf separator etc.), however the performance of these optional devices is not covered within the scope of this document. Storm water road gully components can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, low-pressure moulding, blow moulding, thermoforming or fabricated. NOTE 3 Products complying with this standard can be installed in underground applications without additional static calculation NOTE 4 The complete storm water road gully assembly can also include items non-plastic items (near surface or surface components for example) which are not covered by this document. NOTE 5 The complete storm water road gully assembly can be supplied with covers, frame covers and gratings complying with the relevant part of EN 124 [1] which are not covered by this document. However, reference should be made to this document for geometrical characteristics where applicable. NOTE 6 Storm water road gullies can be site assembled from different components, but can also be manufactured as a single unit. - storm water road gullies with or without sand / silt trap; - storm water road gullies with or without water seal preventing odour release; - storm water road gullies where the traffic load will or will not be carried by the complete gully (resp. "Direct loaded storm water gullies" or "Indirect loaded storm water gullies").

Keel: en

Alusdokumendid: prEN 17670-2

Arvamusküsitluse lõppkuupäev: 30.07.2021

prEN ISO 11296-9

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 9: Lining with a rigidly anchored plastics inner layer (ISO/DIS 11296-9:2021)

This document, in conjunction with EN ISO 11296-1, specifies requirements and test methods for pipes and fittings for the renovation of underground non-pressure drainage and sewerage networks by lining with a single rigid annulus of structural cementitious grout formed behind a plastics inner layer. This plastics layer serves as permanent formwork anchored to the grout. This document is applicable to plastics inner layers and grout systems with or without steel reinforcement. It does not apply to the structural design of the lining system. NOTE Systems with multiple annuli are available, but these are controlled by patent rights and not covered by this Standard.

Keel: en

Alusdokumendid: ISO/DIS 11296-9; prEN ISO 11296-9

Arvamusküsitluse lõppkuupäev: 30.07.2021

TÖLKED 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 kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

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

EVS-EN ISO 15681-2:2018

Vee kvaliteet. Ortofosfaadi ja üldfosfori sisalduse määramine vooluanalüüsil (FIA ja CFA) Osa 2: Pidevvoolumanalüsaatori meetod (CFA) (ISO 15681-2:2018)

See dokument täpsustab pidevvoolumanalüüsi (CFA) meetodeid ortofosfaadi määramiseks massikontsentratsiooni vahemikus 0,01 mg/l kuni 1,00 mg/l P ja üldfosfori määramiseks massikontsentratsiooni vahemikus 0,10 mg/l kuni 10,0 mg/l P. Meetod sisaldab ka orgaanilise fosfori ühendite mineraliseerimist ja anorgaaniliste polüfosfaatühendite hüdroolüüsi, mis viiakse läbi kas manuaalselt, nagu kirjeldatud standardis ISO 6878 ja viidetes [4], [5] ja [7] või integreeritud ultraviolet (UV) mineraliseerimis- ja hüdroolüüsiseadmega. See dokument sobib erinevatele veeliikidele nagu põhja-, joogi-, pinna-, nõrg- ja reovesi. Rakendusvahemikku saab muuta muutes läbiviimise tingimusi. See meetod sobib ka mereveele, aga muutustega tundlikkuses rakendades kande- ja kalibreerimislahustele proovide soolsust. See meetod on rakendatav analüüsiledele kasutades küvette 10 mm kuni 50 mm sõltuvalt sellest, mis on soovitud rakendusulatus. Eriti tundliku analüüsi jaoks saab kasutada 250 mm ja 500 mm pikkuseid kapillaarvoolurakke (LCFC). Kuid meetod ei ole valideeritud nende kahe kasutusjuhu jaoks. Võib olla vaja teha muutusi tundlikkuses ja kalibreerimislahustes. Lisas A on toodud CFA süsteemi näide. Lisas B on toodud suutlikkuse andmed laboritevahelistest katsetest. Lisas C on toodud infot ortofosfaat-P ja üldfosfori määramise kohta kasutades CFA-d ja tina(II)kloriidid redutseerimist.

Keel: et

Alusdokumendid: ISO 15681-2:2018; EN ISO 15681-2:2018

Kommenteerimise lõppkuupäev: 30.06.2021

prEN ISO 3452-1

Mittepurustavad katsed. Kapillaarkatse. Osa 1: Üldpõhimõtted

Selles dokumendis kirjeldatakse katsetatava materjali pinnani avatud katkevuste, nt pragude, ülekate, kurdude, poorsuse ja liitevigade avastamiseks kasutatavat kapillaarkatsemeetodit, kasutades valgust või UV-A (365 nm) kiirgust. Seda rakendatakse peamiselt metalsetele materjalidele, kuid võib kasutada ka teistel materjalidele eeldusel, et need ei reageeri katsetamiseks kasutatavate ainetega ja et need ei oleks liiga poorsed (valud, sepsed, keevised, keraamika jne). See dokument sisaldab ka protsessi ja kontrollkatsete nõudeid, kuid ei ole mõeldud kasutamiseks aksepteerimise kriteeriumina. See ei anna teavet üksiku kontrollisüsteemi sobivusest erirakendustele ega anna ka nõudeid katsevahenditele. MÄRKUS 1 Kapillaarkatseainete ainete oluliste omaduste määramiseks ja seireks kasutatavad meetodid on toodud standardites ISO 3452-2 ja ISO 3452-3. MÄRKUS 2 Terminit "katkevus" kasutatakse siinses dokumendis tähendus, millele ei ole lisatud aksepteerimise või mitteaksepteerimisega seonduvat hinnangut. MÄRKUS 3 CEN / TR 16638 käsitleb kapillaarkontrolli kasutades aktiivset sinist valgust.

Keel: et

Alusdokumendid: ISO/DIS 3452-1; prEN ISO 3452-1

Kommenteerimise lõppkuupäev: 30.06.2021

prEN ISO 3452-2

Mittepurustavad katsed. Penetrantkatse. Osa 2: Üldine penetrantkatseainete testimine

Selles dokumendis määratletakse penetrantkatseainete tehnilised nõuded ja testimisprotseduurid nende tüübikatsetamiseks ja partiide testimiseks. See dokument hõlmab temperatuuri vahemikku 10 ° C kuni 50 ° C. Väljaspool seda vahemikku võidakse nõuda ISO 3452-5 või ISO 3452-6 standardi lisakatseid. Kohapealsed kontrolltestid ja meetodid on üksikasjalikult kirjeldatud standardis ISO 3452-1.

Keel: et

Alusdokumendid: ISO/DIS 3452-2; prEN ISO 3452-2

Kommenteerimise lõppkuupäev: 30.06.2021

prEVS-EN 1264-3

Veepõhised piirdesised kütte- ja jahutussüsteemid Osa 3: Dimensioneerimine

Standard EN 1264 annab juhised hoonetes, elukondlikes ja mitte elukondlikes (nt. kontorid, avalikud, kommerts ja tööstushooned), soojusmugavuse eesmärgil pindadesse paigaldatud kütte- ja jahutussüsteemidele. Standard EN 1264 annab juhised koetava või jahutatava ruumi välispiirdesse paigaldatud veepõhiste kütte- ja jahutussüsteemide jaoks. Samuti määratleb teiste soojuskandjate kasutuse vee asemel, nagu on sobiv. Standard EN 1264 määratleb standardiseeritud toote omadused arvutuste ja küttekooormuse katsete kaudu tehniliste spetsifikatsioonide ja sertifikaatide jaoks. Arvutusteks, nende süsteemide rajamise ja kasutamise jaoks, vaata standardeid EN 1264 3 ja EN 1264 4 tüüpide A, B, C, D, H, I ja J. Tüüpide E, F ja G jaoks vaata standardit EN ISO 11855. EN 1264 määratletud süsteemid külgnevad hoone välispiirde konstruktsiooniga, paigaldatud otse või kinnituskanduritega. Standard EN 1264 ei määratle ripplagedesse paigaldatud laesüsteeme, kus süsteemi ja ehituskonstruktsiooni vahel on kavandatud avatud õhuvahe, mis võimaldab õhu termilist ringlust. Nende süsteemide

soojuskoormust saab määrata vastavalt standarditele EN 14037 and EN 14240. EN 1264-3 täpsustab EN 1264-2 ja EN 1264-5 tulemuste kasutamist praktikas. Küttesüsteemide puhul võetakse pinnatemperatuuri määramisel arvesse füsioloogilisi piiranguid. Põrandküttesüsteemide korral realiseeritakse piirangud vastavalt standardile EN 1264-2 määratud karakteristikutele ja piirkõveratele. Jahutussüsteemide puhul võetakse arvesse ainult kastepunkti piiranguid. Valdavas praktikas tähendab see, et kaasatud on ka füsioloogilised piirangud.

Keel: et

Alusdokumendid: EN 1264-3:2021

Kommenteerimise lõppkuupäev: 30.06.2021

prEVS-ISO 4225

Õhu kvaliteet. Üldosa. Sõnastik

See dokument täpsustab õhukvaliteediga seotud termineid ja määratlusi (vt 3.1.1.1). Need on kas üldised mõisted või neid kasutatakse õhukvaliteedi määramiseks proovide võtmise (vt 3.3.3.1) ja gaaside, aurude (vt 3.1.5.8) ja õhus sisalduvate osakeste (vt 3.2.2.1) mõõtmiseks. Lisatud on mõisted, mida on peetud oluliseks, kuna nende määratlus on vajalik ebaselguse vältimiseks ja kasutamise järjepidavuse tagamiseks. Terminite tähestikuline register on esitatud lisan A. Käesolevat dokumenti kohaldatakse kõigi õhukvaliteediga seotud rahvusvaheliste standardite, ISO tehniliste aruannete, ISO tehniliste kirjelduste ja ISO juhendite suhtes.

Keel: et

Alusdokumendid: ISO 4225:2020

Kommenteerimise lõppkuupäev: 30.06.2021

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Allpool on toodud teave eelmise EVS Teataja avaldamise järel Eesti Standardimis- ja Akrediteerimiskeskusele esitatud algupärase standardite ja standardiladsete dokumentide koostamis-, muutmis- ja uustöötlusteapanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

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

prEVS 835

Hoone veevärk

Water supply systems inside buildings

See standard kehtib hoone veevõrkudele, mis on ühendatud ühisveevõrguga või kohaliku veevarustusallikaga. Hoone veevõrgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru hoone piires kuni vundamendini. Standardi nõudeid tuleb täita nii uue hoone veevõrgi projekteerimisel, paigaldamisel ja katsetamisel kui ka olemasolevate veevõrkude remondil ja ümberehitusel.

Asendab dokumenti: EVS 835:2014

Koostamisetpaneku esitaja: Eesti Veevarustuse ja Kanalisatsiooni Inseneride Selts

prEVS 844

Hoonete kütte projekteerimine

Design of heating for buildings

Selles Eesti standardis määratakse nõuded Eesti Vabariigis ehitatavate ja rekonstrueeritavate elu-, üldkasutatavate ja tööstushoonete kütte projekteerimisel. Selles standardis käsitletakse nii välisõhu kui ka ruumide siseõhu arvutuslikke temperatuure, küttesüsteemi valikut hoonetüübi järgi, soovitatavaid vee kiirusi ja rõhukadusid kütetorustikes, küttesüsteemi peale- ja tagasivooluvee temperatuure, liigsoojuse arvestamist ruumides, küttekehade valikut ja paigutusviise, reguleerimis- ja sulgemisarmatuure, torumaterjale ning soojuse säästlikku kasutamist.

Asendab dokumenti: EVS 844:2016

Koostamisetpaneku esitaja: Eesti Kütte-Ventilatsiooniinseneride Ühendus

prEVS 921

Veevarustuse välisvõrk

Water supply systems outside buildings

Standard on rakendatav omandivormist sõltumata veevarustuse välisvõrkudele, sealhulgas veevõrgule alates veetöötlusjaamast või puurkaev-pumplast kuni hoonete välisseinani. Standard on aluseks veevõrgu projekteerimisel, veetorustike dimensioonimisel ja pumpade ning teiste abiseadmete valimisel ning on kasutatav nii uue veevõrgu rajamisel kui ka olemasoleva veevõrgu laiendamisel ja ümberehitamisel. Standardis määratakse kindlaks funktsionaalsed nõuded veevarustuse välisvõrgule seoses planeerimise, projekteerimise, ehitamise, käitamise, hoolduse ja eksploatatsiooniga ning tegevused nõuete täitmiseks.

Asendab dokumenti: EVS 921:2014

Koostamisetpaneku esitaja: Eesti Veevarustuse ja Kanalisatsiooni Inseneride Selts

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel ning selle eesmärk on kontrollida standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne.

Ülevaatus tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse või uustöötuse koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

PIKENDAMISKÜSITLUS

EVS 875-12:2016

Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil **Property valuation - Part 12: Valuation for Compensation**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandluse seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ osa, milles esitatakse hindamise põhimõtted hüvitamisel. Hüvitusväärtuse hindamise vajadus võib tekkida sundvõõrandamisel, aga ka sundvõõrandamisele eelneva poolte vabal tahtel põhineva võõrandamise puhul. Tegemist on standardi EVS 875-12:2010 „Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil“ uustöötusega.

Pikendamisküsitluse lõppkuupäev: 30.06.2021

EVS 875-5:2016

Vara hindamine. Osa 5: Hindamine finantsaruandluse eesmärgil **Property valuation - Part 5: Valuation for Financial Reporting**

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandluse seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ osa, milles määratletakse väärtused, mida vara hindamise standardid hõlmavad hindamisel finantsaruandluse eesmärgil. Tegemist on standardi EVS 875-5:2010 „Vara hindamine. Osa 5: Hindamine finantsaruandluse eesmärgil“ uustöötusega.

Pikendamisküsitluse lõppkuupäev: 30.06.2021

EVS 885:2005

Ehituskulude liigitamine **Classification of construction costs**

Standardis leiavad käsitlemist: • ehituskulude liigitus; • töömahtude mõõtmise ja tööde arvestamise reeglid. Standardi alusel ehituskulude liigitamine ning töömahtude arvutamise reeglite kasutamine loob võimaluse kulusid ühtviisi nimetada, määratleda ja mõista nii omaniku, tellija, projekteerijate kui ehitajate (pea- ja alltöövõtjate) ning projektiga seotud konsultantide poolt. Iga organisatsiooni (tellija-organisatsioon; projektbüroo; ehitusettevõtte) siseselt võib liigitis toodud määranguid täpsustada ja põhjendatult ümber kujundada. Samas ei tohi sellised ettevõttesisesed muudatused saada takistuseks andmete esitamisel avalikkusele ning teistele osapooltele siis, kui vajatakse kirjeldusi käesolevas standardis toodud liigiti nõudeid järgides, näiteks riigihangete pakkumisdokumentides. Käesoleva standardi ehituskulude liigiti on kasutatav hoonete, insenerihitiste ja rajatiste ehitamise ning rekonstrueerimise ehitusprojekt- ja hankedokumentide koostamisel ning projekti arengu järgnevatel etappidel.

Pikendamisküsitluse lõppkuupäev: 30.06.2021

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatus tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 901-2:2016

Tee-ehitus. Osa 2: Bituumensideained

Road construction. Part 2: Bituminous binders

See standard määratleb teebituumeni, polümeermodifitseeritud bituumeni ja katioonsete bituumenemulsioonide margid, mis kogemuse ja uuringute alusel sobivad Eesti teede, lennuväljade ja muude kattega alade ehitamiseks ja hooldamiseks. Määratletud bituumensideainete margid ei välista muude Euroopa standardite kohaste sideainemarkide kasutamist, kui nende sobivus määratud kasutusotstarbeks on tõendatud. Kõvade teebituumenite, mitmemargiliste teebituumenite ning vedeldatud ja pehmendatud bituumensideainete osas puudub praegusel ajal Eestis piisav kasutuskogemus. Sellise kasutuskogemuse kogunemisel ajakohastatakse seda standardit vastavalt. Seni juhendatakse valikute tegemisel Euroopa tootestandardite sätetest. See Eesti standard määratleb tarnijate ja klientide vaheliste kvaliteedikokkulepete alused. Bituumensideaine markide esitamine tabelites 1 kuni 3, 5 kuni 6, 8 kuni 9 ja 11 võimaldab valida sideaine kõige sobivama spetsifikatsiooni, arvestades kohalikke kliima- ja kasutustingimusi ning praeguseks ajaks kogunenud kogemusi.

Kehtima jätmise alus: EVS/TK 31 otsus 26.03.2021 2-8/20 ja teade pikendamisküsitlusest 15.04.2021 EVS Teatajas

EVS 918:2016

Nafta ja vedelad naftatooted. Mõõtemahutites sisalduva vedeliku koguse käsitsi mõõtmine ja mõõtemääramatuse hindamine

Petroleum and liquid petroleum products. Measurement of content of storage tanks by manual methods and calculation of measurement uncertainty

Selles Eesti standardis antakse juhised atmosfäärirõhu all olevates statsionaarsetes silindrilistes mahutites asuva nafta ja vedelate naftatoodete (edaspidi vedelike) standardtingimustele vastava mahu ja massi arvutamiseks. Standard kirjeldab vedelike mahu ja massi arvutusi ja selleks vajalikke mõõtmisi: — vedeliku sügavuse käsitsi mõõtmist ujuva katusega või ilma ujuva katusega mahutites; — vaba vee sügavuse käsitsi mõõtmist; — mahuti baaskõrguse käsitsi mõõtmist; — vedeliku temperatuuri käsitsi mõõtmist; — vedeliku ning mahu ja massi arvutamist standardtingimustel; — vedeliku mahu ja massi mõõtemääramatuse hindamist. Standard on rakendatav järgmistel tingimustel: — vedeliku tihedus peab olema piirides 611,16 kg/m³ kuni 1163,86 kg/m³; — vedeliku temperatuur mõõtmiste ajal peab olema vahemikus -25 °C kuni +100 °C; — vedeliku minimaalne mõõdetav sügavus peab olema mitte väiksem kui 500 mm; — mahutite kalibreerimistabelid peavad olema koostatud vastavalt standardi EVS-ISO 7507-1, EVS-ISO 12917-1 või EVS-ISO 12917-2 nõuetele; — mahuti kalle ei ületa 3 %; — mahutis sisalduva vedeliku ja kalibreerimistabeli koostamisel aluseks olnud vedeliku tiheduste väärtused ei tohi erineda rohkem kui ±30 %. MÄRKUS See standard ei sisalda vedelike käitlemisel rakendatavaid ohutusnõudeid.

Kehtima jätmise alus: EVS/TK 37 otsus 19.05.2021 2-5/30; teade pikendamisküsitlusest 15.03.2021 EVS Teatajas

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 1264-3:2021

Water based surface embedded heating and cooling systems - Part 3: Dimensioning

Eeldatav avaldamise aeg Eesti standardina 08.2021

EN 1264-4:2021

Water based surface embedded heating and cooling systems - Part 4: Installation

Eeldatav avaldamise aeg Eesti standardina 07.2021

EN 13445-1:2021

Leekkuumutuseta surveanumad. Osa 1: Üldine Unfired pressure vessels - Part 1: General

Eeldatav avaldamise aeg Eesti standardina 07.2021

EN 13445-2:2021

Leekkuumutuseta surveanumad. Osa 2: Materjalid Unfired pressure vessels - Part 2: Materials

Eeldatav avaldamise aeg Eesti standardina 07.2021

EN 13445-4:2021

Leekkuumutuseta surveanumad. Osa 4: Valmistamine Unfired pressure vessels - Part 4: Fabrication

Eeldatav avaldamise aeg Eesti standardina 07.2021

EN 13445-5:2021

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

Eeldatav avaldamise aeg Eesti standardina 07.2021

AVALDATUD EESTIKEELSESD STANDARDIPARANDUSED

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

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

EVS 867:2011/A1:2013/AC:2021

Raudteelased rakendused. Reisijate ooteplatvormid

Railway applications - Passenger platforms

UUED EESTIKEELSESD 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 846:2021

Hoone kanalisatsioon Draining system inside buildings

See standard kehtib hoone kanalisatsioonile, mille kaudu reoveed suubuvad linna, asula ühiskanalisatsiooni. Hoone kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) kuni hoone välisseinani ja võimalike eelpuhastitega hoones. Hoone- ja väliskanalisatsiooni standardite piiritus on tähistatud (Joonis 1). Standardis ei käsitleta tulekustutuspaigaldiste rakendamisel või katsetamisel tekkinud vee äravoolu. Tuleohutuspaigaldiste vee äravoolu nõudeid (nt. tuletõrjeliftid) kirjeldatakse standardis EVS 812-8. Käesolev standard ei käsitle drenaaži projekteerimist. Standardi nõudeid tuleb täita nii uue hoone kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

EVS 848:2021

Väliskanalisatsioonivõrk Sewer systems outside buildings

See Eesti standard rakendub hooneväliste kanalisatsioonivõrkudele, s.o hooneviimast/väljaviigust (hoone välisseinast) (EVS 846) või sademevee restkaevust kohani, kus kanalisatsioonivesi jõuab reoveepuhastisse või heitvee suublasse. Hoonealused torustikud kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa hoone kanalisatsioonisüsteemist. Standardis määratakse kindlaks funktsionaalsed nõuded kanalisatsioonivõrgule seoses planeerimise, projekteerimise, ehitamise, käitamise, hoolduse ja eksploatatsiooniga ning tegevused nõuete täitmiseks.

EVS-EN 1868:1999

Kukkumisvastased isikukaitsevahendid. Ekvivalentsete terminite loetelu Personal protective equipment against falls from a height - List of equivalent terms

Seda Euroopa standardit kohaldatakse kukkumisvastastele isikukaitsevahenditele. Selles Euroopa standardis esitatakse kukkumiskaitse-vahendite kirjeldamiseks kasutatavate terminite loetelu. Terminid on esitatud tähestikulises järjekorras kolmes Euroopa Standardimiskomitee ametlikus keeles: inglise, prantsuse ja saksa keeles. Sulgudes esitatud terminid või selgitused on esitatud ainult arusaamise lihtsustamiseks.

EVS-EN IEC 61439-1:2021

Madalpingelised aparaadikoosted. Osa 1: Üldreeglid Low-voltage switchgear and controlgear assemblies - Part 1: General rules (IEC 61439-1:2020)

See standardisarja IEC 61439 osa esitab madalpingeliste aparaadikoostete üldmääratlused ja kehtestab nende talitlustingimused, ehitusnõuded, tehnilised tunnusandmed ja kontrollinõuded. MÄRKUS Kogu selles dokumendis kasutatakse terminit kooste(d) (vt termin 3.1.1) üksnes madalpingelis(t)e aparaadikooste(te) tähenduses. Kooste vastavuse tõendamise eesmärgil rakendatakse standardisarja IEC 61439 asjakohase osa nõudeid alates osast 2 koos selle dokumendi viidatud nõuetega. Koostete kohta, mis ei ole hõlmatud osadega alates osast 3, rakendatakse osa 2. See dokument rakendub koostete kohta, kui see on nõutav üksnes asjakohase koostestandardiga, järgmiselt: — koosted, mille tunnus-vahelduvpinge ei ole üle 1000 V ega tunnus-alalispinge üle 1500 V; — koosted, mis on ette nähtud siseneva elektritoite või -toidete nimisagedusele mitte üle 1000 Hz; — koosted, mis on ette nähtud sise- või välisrakendusteks; — kohtkindlad või teisaldatavad, ümbrisega või ümbriseta koosted; — koosted, mis on ette nähtud kasutamiseks seoses elektrienergia genereerimise, edastamise, jaotamise ja muundamisega ning elektrienergia tarbimisseadmete juhtimisega. See dokument ei rakendu üksikseadmete ja iseseisvate komponentide kohta, nagu mootorikäivitid, sulavkaitsmetega ühitatud lülitid, elektron-jõumuundursüsteemid ja -seadmed (power electronic converter systems and equipment, PECS), lülitimooduselised jõutoiteallikad (switch mode power supplies, SMPS), katkestusvabad toiteallikad (uninterruptable power supplies, UPS), põhijamisüsteemid (basic drive modules, BDM), kompleksed ajamisüsteemid (complete drive modules, CDM), reguleeritava kiirusega elektri ajamisüsteemid (adjustable speed power drives systems, PDS) ja muud elektroonikaseadmed, mis vastavad oma asjakohastele tootestandarditele. See dokument kirjeldab seadiste ja iseseisvate komponentide sisseehitamist koostesse või koostet kujundavasse tühja ümbrisesse. Mõnedes rakendustes, mida iseloomustab näiteks plahvatusohtliku keskkonna olemasolu või funktsionaalse turvalisuse nõue, võib lisaks standardisarjas IEC 61439 sätestatuile vaja olla täita muude standardite või seadusaktide nõudeid.

EVS-EN IEC 61439-2:2021

Madalpingelised aparaadikoosted. Osa 2: Jõuaparaadikoosted Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies (IEC 61439-2:2020)

See standardisarja IEC 61439 osa määratleb erinõuded jõu-lülitusaparaate ja juhtimisaparaate sisaldavatele koostetele (selle dokumendi ulatuses lühendatult jõuaparaadikoostetele, vt termin 3.1.101) järgmiselt: • koostetele, mille tunnuspinge ei ole vahelduvvoolu korral üle 1000 V ega alalisvoolu korral üle 1500 V; • koostetele, mis on ette nähtud sisendtoite või -toidete nimisagedusele mitte üle 1000 Hz; MÄRKUS 1 Sagedust üle 1 kHz arvestatakse kõrgsagedusena (vt ka standardi IEC 60664-1:2007 jaotis 5.3.3.2.5), mis vajab isolatsiooni koordinaatsiooni lisapiirangute arvesse võtmist. • koostetele, mis on ette nähtud sise- või välisrakendusteks; • kohtkindlatele või teisaldatavatele, ümbrisega või ümbriseta koostetele; • koostetele, mis on ette

nähtud kasutamiseks seoses elektrienergia genereerimise, edastamise, jaotamise ja muundamisega ning elektritarvite juhtimisega ja kaasneva andmetöötlusega; • koostetele, mis on projekteeritud kasutamiseks eritalitluses, nt laeval või rööbassõidukitel, kui on tagatud, et ka muud asjakohased erinõuded on täidetud. MÄRKUS 2 Laevade koostetele esitatavad lisanõuded on esitatud standardis IEC 60092-302-2. See dokument rakendub ka koostetele, mis on mõeldud kasutamiseks fotoelektrilistes paigaldistes ja mida nimetatakse fotoelektrilisteks koosteteks (photovoltaic assemblies, PVA). Fotoelektriliste koostete eriomadused, eritalitlusolud ja nõuded sisalduvad lisades DD, EE ja FF. See dokument näeb ette lisanõuded jõuaparaadikoostetele, mis on ette nähtud kasutamiseks masinate elektriseadmete osana ja mis võivad rakendada lisaks standardis IEC 60204-1 esitatud nõuetele. See dokument kehtib kõikidele koostetele, mida projekteeritakse, valmistatakse ja kontrollitakse üksikult või mis on täielikult standarditud ning mida toodetakse hulgi. Koosteid võivad toota ja/või kokku panna peale esmatootja (vt standardi IEC 61439-1:2020 termin 3.10.1) ka teised juriidilised isikud. See dokument ei kehti üksikseadmete (näiteks kaitseülilite ja sulavkaitse-ülilite-kombinatsioonide) ega iseseisvate komponentide (nagu näiteks mootorikäivite, jõu-elektronmuundursüsteemide ja -seadmete (power electronic converter systems and equipment, PECS), lülitusmooduses toiteallikate (switch mode power supplies, SMPS), katkestusvabade toiteallikate (uninterruptable power supplies, UPS), põhi-ajamimoodulite (basic drive modules, BDM), komplektsete ajamimoodulite (complete drive modules, CDM), reguleeritava kiirusega jõuajamisüsteemide (power drives systems, PDS), autonoomsete (galvaanielementide patareidel ja kondensaatoritel põhinevate) energiasalvestussüsteemide) ja muude elektroonikaseadmete kohta, mis vastavad nende endi asjakohastele tootestandarditele. See dokument kirjeldab nende integreerimist jõuaparaadikoostesse või tühja ümbrisesse, mida kasutatakse jõuaparaadikooste osana. Mõnedel rakendustel, nagu näiteks plahvatusohtlikes keskkondades või funktsionaalse ohutuse tagamisel, võib tekkida vajadus täita lisaks standardisarjas IEC 61439 sätestatuile muude standardite või õigusaktide nõudeid. See dokument ei kehti erikooste kohta, mida käsitlevad standardisarja IEC 61439 muud osad. Koostete kohta, mida standardisarja muudes osades ei käsitleta, kehtib see osa. Kui kohalik seadusandlus ei esita üksikasjalikke lisanõudeid, eeldatakse, et selle dokumendi käsituslasesse kuuluvad seadmed, mis vastavad sellele dokumendile, täidavad põhilisi ohutusnõudeid. Siia kuuluvad täielikult kontrollitud erivariandid, näiteks kasutajapoolse kaitse valik ohtlike pingestatud osade juhusliku puudutamise eest kaitseviisi IPXXB või IP3XD puhul. Kui kasutaja ja tootja vahel on kokku lepitud erinõuded, mis ei ole täielikult sätestatud selles dokumendis, näiteks kui (i) kooste osa on väljaspool selle dokumendi käsitusala, (ii) paigalduskohas on tegemist erakordse vibratsiooniga, (iii) talitluses võib tekkida erakordseid pingekõikumisi või (iv) võivad tekkida heli- või ultraheli allikate kahjulikud toimed, võib vaja olla nõuda riskihinnangut ja/või rakendada rangemaid või lisa-kontrolliivise, et näidata põhiliste ohutusnõuete täidetust.

EVS-EN ISO 11202:2010+A1:2021

Akustika. Masinate ja seadmete müra. Töökoha ja muude määratud asukohtade helirõhutaseme määramine koos keskkonnaoludest tulenevate ligikaudsete korrektsioonide kohaldamisega

Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010 + ISO 11202:2010/Amd 1:2020)

1.1 Üldist See rahvusvaheline standard määratleb meetodi masinate või seadmete tekitatava helirõhutaseme määramiseks töökohas ja muudes kindlaksmääratud kohtades, in situ. Töökoht, kus asub operaator, võib asuda välistingimustes, ruumis, kus mõõdetav müraallikas töötab, kabiinis, mis on kinnitatud mõõdetava müraallika külge, või mõõdetavast müraallikast eemal asuvas ruumis. Üks või mitu kindlaksmääratud mõõtmiskohta võivad asuda töökoha läheduses või uuritava või mõne muu seadme läheduses. Selliseid mõõtmiskohti nimetatakse ka kõrvalseisjate asukohaks. Tekkivad helirõhutasemed määratakse A-kaalutud tasemetena. Lisaks saab vajaduse korral selle rahvusvahelise standardi kohaselt kindlaks määrata tasemed sagedusribades ja heli C-kaalutud maksimaalse helirõhutaseme. MÄRKUS 1 Standardisarjade ISO 11200 [15] kuni ISO 11205 [19] sisu on kokku võetud standardis ISO 11200 [15]. Esitatakse meetodid kohaliku keskkonnaparanduse määramiseks (kindlaksmääratud piirväärtuse kohaselt), mida rakendatakse mõõdetud helirõhutasemetele, et kõrvaldada peegeldavate pindade mõju, v.a tasapind, millel müraallikas asub. See parandus põhineb mõõteruumi ekvivalentse heli neeldumisalal ja heli leviku karakteristikutel (müraallika asukoht või leviku suund töökohas). Selles rahvusvahelises standardis täpsustatud meetodiga saadakse täpsusastme 2 (tehniline tase) või täpsusastme 3 (vaatlustase) tulemused. Parandusi rakendatakse taustmüra ja eespool kirjeldatud akustilise keskkonna iseloomustamiseks. Antakse juhiseid katsetatava müraallika paigaldamiseks ja kasutamiseks ning mikrofonide asukohtade valimiseks töökoha ja muude kindlaksmääratud mõõtekohtade jaoks. Mõõtmiste üks eesmärk on võrrelda eri seadmegruppide toimivust määratletud keskkonnatingimustes ning standarditud paigaldus- ja töötingimustes. MÄRKUS 2 Saadud andmeid saab kasutada ka tekkiva müra helirõhutasemete deklareerimiseks ja kontrollimiseks standardi ISO 4871 [9] kohaselt. 1.2 Müra tüübid ja müraallikad Selles rahvusvahelises standardis määratletud meetod sobib igat tüüpi müra jaoks (püsiv, muutuv, kõikum, isoleeritud impulssmüra jne), mis on määratletud standardis ISO 12001. Selles rahvusvahelises standardis määratletud meetod on rakendatav kõigile müraallikatele tüübist ja suurusest olenemata. MÄRKUS Selles rahvusvahelises standardis kasutatakse sõnu „seade“ ja „mõõdetav müraallikas“ masina või seadme tähistamiseks. 1.3 Mõõtekeskkond Mõõtekeskkonna tüüp mõjutab tekkiva heli helirõhutaseme määramise täpsust. Seda rahvusvahelist standardit saab rakendada kõikides ruumides, kus saab kohaldada standardi nõudeid. Ruumi suhtes kehtivad nõuded on vähem ranged kui standardi ISO 11201 [16] nõuded, eriti nõuded keskkonna akustiliste omaduste kohta. 1.4 Töökoht ja muud määratud mõõtmiskohad See rahvusvaheline standard on kohaldatav töökohtades ja muudes määratud kohtades, kus tuleb määrata helirõhutaseme. Mõõtmisteks on sobivad järgmised kohad: a) töökoht, mis asub müraallika läheduses; see on koht, mida kasutatakse paljude tööstusseadmete ja kodumasinade mõõtmisel; b) kabiinis asuv töökoht, mis on mõõdetava müraallika lahutamatu osa; see on koht, mida kasutatakse paljude eri liikurmasinate mõõtmisel; c) osaliselt või täielikult suletud töökoht (või ekraaniga kaitstud koht), mille tootja tarnib müraallika lahutamatu osana; d) töökoht, mis on müraallikaga osaliselt või täielikult suletud – selline olukord võib ilmneda mõne suure tööstusseadme korral; e) kõrvalseisja töökohad, kus on isikud, kes ei tööta selle müraallikaga, kuid kes võivad vahetevahel või pidevalt asuda müraallika vahetus läheduses; f) muud määratud kohad, mis ei pruugi olla kellegi töökohad. Töökoht võib asuda ka operaatori määratud liikumisteel (vt jaotis 10.4).

EVS-EN ISO 17225-2:2021

Tahked biokütused. Kütuste spetsifikatsioonid ja klassid. Osa 2: Klassifitseeritud puitgraanulid Solid biofuels - Fuel specifications and classes - Part 2: Graded wood pellets (ISO 17225-2:2021)

See dokument määrab kindlaks mittetööstuslikuks ja tööstuslikuks kasutamiseks mõeldud klassifitseeritud puitgraanulite kütuse kvaliteediklassid ja spetsifikatsioonid. Dokument hõlmab üksnes järgmistest toorainetest toodetud puitgraanuleid (vt ISO 17225 1:2021, tabel 1): — 1.1 Mets, istandikud ja muu töötlemata (esmane) puit; — 1.2 Puidutöötlemistööstuse kõrvalsaadused ja jäägid (jäätmel); — 1.3.1 Keemiliselt töötlemata kasutatud puit. Selle dokumendi käsitusallas ei kuulu terminiliselt töödeldud biomassi graanulid (nt röstitud graanulid).

EVS-EN ISO 8849:2021

Väikelaevad. Elektrivooluga töötavad pilsipumbad Small craft - Electrically operated bilge pumps (ISO 8849:2020)

Selles dokumendis määratakse kindlaks pilsivee kõrvaldamiseks ette nähtud elektriajamiga pilsipumpadele esitatavad nõuded. See kehtib järgmiste seadmete suhtes: — alalisvoolu pilsipumbad, mis töötavad nimipingega kuni 50 V, ja — ühefaasilised vahelduvvoolu pilsipumbad, mis töötavad nimipingega kuni 250 V. Seda ei kohaldata kahjustusohjeks ette nähtud pumpadele.

EVS-ISO/IEC 19944-1:2021

Pilvtöötlus ja hajusplatvormid. Andmevoog, andmekategooriad ja andmete kasutamine. Osa 1: Alused Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (ISO/IEC 19944-1:2020, identical)

See dokument — laiendab senist standardi ISO/IEC 17788 ja standardi ISO/IEC 17789 pilvtöötamise sõnavara ja etalonarhitektuuri, kirjeldamaks pilvteenuseid kasutatavaid seadmeid sisaldavat ökosüsteemi; — kirjeldab seadmetes ja pilvtöötamise ökosüsteemis kulgevate andmete tüüpe; — kirjeldab ühendatud seadmete toimet pilvtöötamise ökosüsteemis kulgevatele andmetele; — kirjeldab andmevooge pilvteenuste, pilvteenuseklientide ja pilvteenusekasutajate vahel; — esitab alusmõisteid, sealhulgas andmete taksonoomia, ning — piiritleb läbi pilvteenuseklientide seadmete ja pilvteenuste kulgevate andmete kategooriad. See dokument on kohaldatav eelkõige pilvteenusetarnijaile, pilvteenuseklientidele ja pilvteenuste kasutajaile, aga ka igale seadmete ja pilvteenuste vaheliste andmevoogude õiguslikes, poliitilistes, tehnilistes või muudes aspektides osalevale isikule või organisatsioonile.

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 1868:1999	Kõrgelt kukumise isikukaitsevahendid. Ekvivalentsete terminite loetelu	Kukkumisvastased isikukaitsevahendid. Ekvivalentsete terminite loetelu

UUED HARMONEERITUD STANDARDID

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

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

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

Lisainfo:

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2009/48/EÜ Mänguasjade ohutus Komisjoni rakendusotsus (EL) 2021/867 (EL Teataja 2021/ L 190/96)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 71-12:2016 Mänguasjade ohutus. Osa 12: N-nitrosamiinid ja N-nitrosamiinideks muutuvad ained	31.05.2021	EN 71-12:2013	28.11.2021
Märkus: Standardi EN 71-12:2016 „Mänguasjade ohutus. Osa 12: N-nitrosamiinid ja N-nitrosamiinideks muutuvad ained” punkti 4.2 tabeli nr 2 punktis a esitatud piirnormid on madalamad kui piirnormid, mida tuleb järgida direktiivi 2009/48/EÜ II lisa III osa punkti 8 kohaselt. Eelkõige järgmised piirnormid:			
Aine	Standard EN 71-12:2016	Direktiiv 2009/48/EÜ	
N-nitrosamiinid	0,01 mg/kg	0,05 mg/kg	
N-nitrosamiinideks muutuvad ained	0,1 mg/kg	1 mg/kg.	
EVS-EN 71-7:2014+A3:2020 Mänguasjade ohutus. Osa 7: Sõrmevärvid. Nõuded ja katsemeetodid	31.05.2021	EN 71-7:2014+A2:2018	28.11.2021
EVS-EN IEC 62115:2020 Elektrilised mänguasjad. Ohutus	31.05.2021	EN 62115:2005; EN 62115:2005/A2:2011; EN 62115:2005/A11:2012; EN 62115:2005/A12:2015	21.02.2022
EVS-EN IEC 62115:2020/A11:2020 Elektrilised mänguasjad. Ohutus	31.05.2021		
EVS-EN IEC 62115:2020+A11:2020 Elektrilised mänguasjad. Ohutus	31.05.2021		

Direktiiv 2014/34/EL
Plahvatusohtliku keskkonna seadmed ja kaitsesüsteemid
Komisjoni rakendusotsus (EL) 2021/845,
millega muudetakse rakendusotsust (EL) 2019/1202
(EL Teataja 2021/ L 186/28)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 15188:2020 Ladestunud tolmu iseenesliku süttimiskäitumise määramine	27.05.2021	EN 15188:2007	27.11.2022