



EVS Teataja

Avaldatud 17.04.2023

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 4063:2023

Welding, brazing, soldering and cutting - Nomenclature of processes and reference numbers (ISO 4063:2023)

This document establishes a nomenclature for: — welding; — brazing, soldering and weld brazing; — thermal cutting; with each process identified by a reference number. It covers the main processes (one digit), groups (two digits) and sub-groups (three digits). The reference number for any process has a maximum of three digits. This system is intended as an aid in computerization and the drafting of, for example, drawings, working papers and welding procedure specifications, and enables the uniform international designation of the processes. This document does not cover all process variants. The process numbers can be supplemented with additional information for variants not listed.

Keel: en

Alusdokumendid: ISO 4063:2023; EN ISO 4063:2023

Asendab dokumenti: EVS-EN ISO 4063:2010

EVS-EN ISO 7010:2020/A4:2023

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 4 (ISO 7010:2019/Amd 4:2021)

Amendment to EN ISO 7010:2020

Keel: en

Alusdokumendid: ISO 7010:2019/Amd 4:2021; EN ISO 7010:2020/A4:2023

Muudab dokumenti: EVS-EN ISO 7010:2020

Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020

Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022

EVS-EN ISO 7010:2020/A5:2023

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 5 (ISO 7010:2019/Amd 5:2022)

Amendment to EN ISO 7010:2020

Keel: en

Alusdokumendid: ISO 7010:2019/Amd 5:2022; EN ISO 7010:2020/A5:2023

Muudab dokumenti: EVS-EN ISO 7010:2020

Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020

Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022

EVS-EN ISO 7010:2020/A6:2023

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 6 (ISO 7010:2019/Amd 6:2022)

Amendment to EN ISO 7010:2020

Keel: en

Alusdokumendid: EN ISO 7010:2020/A6:2023; ISO 7010:2019/Amd 6:2022

Muudab dokumenti: EVS-EN ISO 7010:2020

Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020

Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022

EVS-ISO 3297:2023

Informatsioon ja dokumentatsioon. Rahvusvaheline jadaväljaande standardnumber (ISSN) Information and documentation - International standard serial number (ISSN) (ISO 3297:2022, identical)

Selles dokumendis kirjeldatakse jadaväljaannete ja teiste pidevväljaannete ühest identimist võimaldavat standardnumbrit (ISSN) ning propageeritakse selle kasutamist. Iga rahvusvaheline jadaväljaande standardnumber (ISSN) on kindlal kandjal, trükisena või elektrooniliselt ilmunud jadaväljaande või muu pidevväljaande ainukordne identifikaator. See dokument võimaldab ka omavahel seotud pidevväljaandeid koondada siin dokumendis kirjeldatud eri-eesliitega ISSN-i abil identifitseeritud kobarateks. ISSN on rakendatav igasuguse ärimudeli või levitamisiisiga (nt tasuta, vaba juurdepääsuga, tellimisel jne) jadaväljaannetele ja teistele pidevväljaannetele ning sõltumata sellest, kas jadaväljaanne ilmub praegu, on ilmumise lõpetanud või hakkab ilmuma lähemas tulevikus. Pidevväljaanded on, olenemata nende tootmiseks kasutatavast kandjast (trükis või elektrooniline), järgmised: - jadaväljaanded, nagu ajalehed, ajakirjad, sh teadusajakirjad, toimetised, konverentsikogumikud, määratlemata lõpuga raamatusarjad, aasta- või muu perioodi aruanded, ja - lõpetamata lõimväljaanded, nagu irdlehtväljaanded, uuendatavad veebilehed, blogid, asutuste repositooriumid, kataloogid ja andmebaasid. EE MÄRKUS Ingliskeelses käsitlusalas on esimeses kriipsloetelupunktis ebatäpsus (esimeses kriipsloetelupunktis on esitatud sõna „blogs“), eestikeelses käsitlusalas on sõna „blogid“ viidud teise kriipsloetelupunkti. Monograafiatel, heli- ja videosalvestistel, noodiväljaannetel, audiovisuaalteostel, tekstilistel teostel ja muusikateostel on oma standardidentifikaatorid, mistõttu selles dokumendis neid lähemalt ei käsitleta. Juhul, kui need

väljaanded on osa mõnest pideväljaandest, saavad nad peale nende oma identifikaatori kanda ka ISSN-i. MÄRKUS See dokument ei sisalda juhiseid ISSN-i praktiliseks kasutamiseks.

Keel: en

Alusdokumendid: ISO 3297:2022

Asendab dokumenti: EVS-ISO 3297:2021

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

CWA 17974:2023

Basic CBRN training curriculum for first responders and medical staff including first receivers

This CEN workshop agreement defines a harmonized CBRN training curriculum to be used and valued by training institutes for first responders in Europe. It considers practitioner's needs and possess a modular structure that enables national organizations to build upon based on their own examples, procedures and experiences. The planned CEN Workshop is intended to be used by first responders and medical staff in all EU Member States.

Keel: en

Alusdokumendid: CWA 17974:2023

EVS-EN IEC 61124:2023

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

This International Standard gives a number of optimized test plans, the corresponding border lines and characteristics. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of - failure rate, - failure intensity, - mean operating time to failure (MTTF), - mean operating time between failures (MTBF), conforms to a given requirement. It is assumed, except where otherwise stated, that during the accumulated test time, the times to failure or the operating times between failures are independent and identically exponentially distributed. This assumption implies that the failure rate or failure intensity is assumed to be constant. Four types of test plans are described as follows: - truncated sequential probability ratio test (SPRT); - fixed time/failure terminated test (FTFT); - fixed calendar time terminated test without replacement; - combined test. This standard does not cover guidance on how to plan, perform, analyse and report a test. This information can be found in IEC 60300-3-5. This standard does not describe test conditions. This information can be found in IEC 60605-2 and in IEC 60300-3-5.

Keel: en

Alusdokumendid: IEC 61124:2023; EN IEC 61124:2023

Asendab dokumenti: EVS-EN 61124:2012

Asendab dokumenti: EVS-EN 61124:2012/AC:2013

EVS-ISO 13528:2023

Statistilised meetodid laboritevahelise võrdluse teel teostatavatel tasemekatsetel kasutamiseks Statistical methods for use in proficiency testing by interlaboratory comparisons (ISO 13528:2022, identical)

See dokument esitab tasemekatsete korraldajatele statistiliste meetodite üksikasjalikud kirjeldused kujundamiseks tasemekatsete skeeme ja analüüsivaks nendest katsetest saadud andmeid. See dokument esitab soovitud saadud tasemekatsete andmete tõlgendamiseks sellistes tasemekatsete skeemides osalejatele ja akrediteerimisasutustele. Selles dokumendis esitatud protseduure saab rakendada, näitamaks et laborite, inspekteerimisasutuste ja isikute saadud mõõtetulemused on kooskõlas rahuldavale toimivusele esitatud kriteeriumitega. Dokument on kasutatav tasemekatsete korral, kus tulemused on kas kvantitatiivsed mõõtetulemused või katseobjektide kvalitatiivsed vaatlustulemused. MÄRKUS Selle dokumendi protseduure saab rakendada eksperdiarvamuse hindamisel, kus arvamused või hinnangud esitatakse kujul, mida saab objektiivselt võrrelda sõltumatu tugiväärtuse või konsensusliku statistilise väärtusega. Näiteks kui klassifitseerida tasemekatse objekte inspekteerimise teel teadaolevatesse kategooriatesse või määratleda inspekteerimise teel, kas samast esialgsest allikast tekib katseobjekt või mitte, ja klassifitseerimise tulemusi võrrelda objektiivselt, saab rakendada selle dokumendi osi, mis seonduvad (kvalitatiivsete) vaikeomadustega.

Keel: en

Alusdokumendid: ISO 13528:2022

Asendab dokumenti: EVS-ISO 13528:2017

EVS-ISO 18091:2023

Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001 rakendamiseks kohalikus omavalitsuses

Quality management systems -- Guidelines for the application of ISO 9001 in local government (ISO 18091:2019, identical)

See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile selle tüübist, suurusest või tarnitavatest toodetest ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetena. See dokument annab kohalikele omavalitsustele juhised ISO 9001:2015 nõuetele vastava

kvaliteedijuhtimissüsteemi mõistmiseks ja elluviimiseks, et vastata oma klientide/kodanike ja kõigi teiste asjassepuutuvate huvipoolte vajadustele ja ootustele, pakkudes neile järjepidevalt tooteid ja teenuseid. See edendab kvaliteedijuhtimissüsteemi elluviimist vastutustundlikul ja aruandekohustuslikul viisil, kohaldades kõikehõlmavalt standardit ISO 9001. Need juhised ei lisa, muuda ega teisenda ISO 9001 nõudeid. See on kohaldatav kõikidele kohaliku omavalitsuse protsessidele kõigil tasanditel (st strateegilisel, taktikalises-juhtimis- ja tegevustasandil), et moodustada terviklik kvaliteedijuhtimissüsteem, mis keskendub kohaliku omavalitsuse eesmärkide saavutamisele. Selle süsteemi terviklikkus on oluline tagamaks, et kõik kohaliku omavalitsuse valdkonnad oleksid kindlal tasemel usaldusväärsusega (st protsesside mõjus). Lisa A kui lähtepunkt selle dokumendi kasutajatele annab kohalikele omavalitsustele diagnostilise meetoodika oma protsesside, toodete ja teenuste käsitusala ja küpsuse hindamiseks. Lisas B on esitatud protsessid, mis on vajalikud klientidele/kodanikele usaldusväärsete toodete ja teenuste pakkumiseks.

Keel: en, et

Alusdokumendid: ISO 18091:2019

Asendab dokumenti: EVS-ISO 18091:2015

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 19807-2:2023

Nanotechnologies - Magnetic nanomaterials - Part 2: Specification of characteristics and measurement methods for nanostructured magnetic beads for nucleic acid extraction (ISO/TS 19807-2:2021)

This document specifies characteristics to be measured of magnetic beads in suspension and powder forms for nucleic acid extraction applications. This document deals with magnetic beads that contain a substantial amount of magnetic nanoparticles (which can be superparamagnetic). Potential applicable measurement methods are listed for the individual characteristics. Specifically, this document lists critical characteristics of magnetic beads and suspensions, and additional characteristics to describe the magnetic beads and the suspension for nucleic acid extraction. Health, safety and environmental aspects of magnetic beads are not within the scope of this document.

Keel: en

Alusdokumendid: ISO/TS 19807-2:2021; CEN ISO/TS 19807-2:2023

CEN ISO/TS 21357:2023

Nanotechnologies - Evaluation of the mean size of nano-objects in liquid dispersions by static multiple light scattering (SMLS) (ISO/TS 21357:2022)

.This document provides guidance and requirements for the determination of the mean (spherical) equivalent diameter of nano-objects (i.e. particles, droplets or bubbles) dispersed in liquids using the static multiple light scattering (SMLS) technique. The technique is applicable to a wide range of materials and does not require dilution of concentrated samples.

Keel: en

Alusdokumendid: ISO/TS 21357:2022; CEN ISO/TS 21357:2023

EVS-EN 17522:2023

Design and construction of backfilled and grouted borehole heat exchangers

See dokument hõlmab geotermilistes energiasüsteemides kasutatavate täidetud soojuspuuraukude geoloogiliste ja keskkonnaaspektide, projekteerimise, ehitamise, käitamise, seire, hoolduse ja kasutusest eemaldamise standardimist. See dokument kehtib ainult täidetud soojuspuuraukude kohta, see ei kehti põhjaveega täidetud puuraukude kohta. Otsepaisumise ja termilise sifooni tehnikad on sellest dokumendist välja jäetud.

Keel: en

Alusdokumendid: EN 17522:2023

EVS-EN ISO 19749:2023

Nanotechnologies - Measurements of particle size and shape distributions by scanning electron microscopy (ISO 19749:2021)

This document specifies methods of determining nanoparticle size and shape distributions by acquiring and evaluating scanning electron microscope images and by obtaining and reporting accurate results. This document applies to particles with a lower size limit that depends on the required uncertainty and on the suitable performance of the SEM, which is to be proven first -according to the requirements described in this document. This document applies also to SEM-based size and shape measurements of larger than nanoscale particles.

Keel: en

Alusdokumendid: ISO 19749:2021; EN ISO 19749:2023

11 TERVISEHOOLDUS

CWA 17974:2023

Basic CBRN training curriculum for first responders and medical staff including first receivers

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to build upon based on their own examples, procedures and experiences. The planned CEN Workshop is intended to be used by first responders and medical staff in all EU Member States.

Keel: en

Alusdokumendid: CWA 17974:2023

EVS-EN ISO 10651-4:2023

Lung ventilators - Part 4: Particular requirements for user-powered resuscitators (ISO 10651-4:2023)

This document specifies requirements for user-powered resuscitators intended for use with all age groups and which are intended to provide lung ventilation to patients whose breathing is inadequate. User-powered resuscitators are designated according to ideal body mass range. Example user-powered resuscitators include: — self-inflating bag resuscitators intended to be squeezed by the user's hand and refilled by elastic recoil; and NOTE 1 Self-inflating bag resuscitators are generally transit-operable and can be used in a wide range of environmental and emergency situations. — flow-inflating bag resuscitators intended to be squeezed by the user's hand and refilled by a flow from a medical gas source. This document is also applicable to those accessories that are intended for use with resuscitators where the characteristics of those accessories can affect the safety of the user-powered resuscitator. Examples of such accessories include face masks, PEEP valves, capnometric indicators, manometers, metronomes, flow restrictors, filters, gas refill valves, oxygen gas mixers, connectors, electronic feedback devices, electronic sensors and transmission of data to other equipment. This document is also applicable to point-of-use packaging. This document does not specify the requirements for: — gas-powered emergency resuscitators, which are given in ISO 10651-5; — electrically-powered resuscitators; — gas powered resuscitators for professional healthcare facilities; and — anaesthetic reservoir bags, which are given in ISO 5362. NOTE 2 This document has been prepared to address the relevant essential principles[24] and labelling[25] guidances of the International Medical Devices Regulators Forum (IMDRF) as indicated in Annex D. NOTE 3 This document has been prepared to address the relevant essential principles of safety and performance of ISO 16142-1:2016 as indicated in Annex E. NOTE 4 This document has been prepared to address the relevant general safety and performance requirements of European regulation (EU) 2017/745[23] as indicated in Annex F.

Keel: en

Alusdokumendid: ISO 10651-4:2023; EN ISO 10651-4:2023

Asendab dokumenti: EVS-EN ISO 10651-4:2009

EVS-EN ISO 23401-1:2023

Dentistry - Chairside denture base relining materials - Part 1: Hard type materials (ISO 23401-1:2023)

This document specifies the requirements for acrylic hard type materials used as chairside denture base relining materials and the test methods to determine compliance with these requirements. This document also specifies requirements for packaging and marking the products and for the instructions for use to be supplied by the manufacturer. Dentures which are relined by chairside denture base relining materials specified by this document are limited to those of acrylic. This document is not applicable to either denture base relining materials that are for laboratory use or soft lining materials. NOTE 1 Acrylic hard type materials contain acrylic and methacrylic monomers such as acrylic acid esters and substituted (meth)acrylic acid esters and their polymers. NOTE 2 Acrylic dentures are made of polymers such as poly (acrylic acid esters), poly (substituted acrylic acid esters) and rubber-modified poly (methacrylic acid esters).

Keel: en

Alusdokumendid: ISO 23401-1:2023; EN ISO 23401-1:2023

EVS-EN ISO 3826-1:2019/A1:2023

Kokkupandavad inimvere ja verekomponentide plastkonteinerid. Tavakonteinerid Plastics collapsible containers for human blood and blood components - Part 1: Conventional containers - Amendment 1 (ISO 3826-1:2019/Amd1:2023)

Amendment to EN ISO 3826-1:2019

Keel: en

Alusdokumendid: ISO 3826-1:2019/Amd 1:2023; EN ISO 3826-1:2019/A1:2023

Muudab dokumenti: EVS-EN ISO 3826-1:2019

EVS-EN ISO 8325:2023

Dentistry - Test methods for rotary instruments (ISO 8325:2023)

This document specifies general test methods for rotary instruments used in dentistry. These test methods are used for measuring the dimensional characteristics, neck strength and surface roughness of rotary instruments, such as burs, cutters, polishers, grinding instruments and rotary instruments used for oral surgery such as drills and countersinks. Specific tests are specified in the respective instrument standards, if available. This document does not specify test methods for materials used for rotary instruments. NOTE For materials used for rotary instruments, see ISO 21850-1 and respective instrument standards. This document is not applicable to endodontic instruments. For endodontic instruments, see ISO 3630-1.

Keel: en

Alusdokumendid: ISO 8325:2023; EN ISO 8325:2023

Asendab dokumenti: EVS-EN ISO 8325:2004

CEN ISO/TS 9241-430:2023**Ergonomics of human-system interaction - Part 430: Recommendations for the design of non-touch gestural input for the reduction of biomechanical stress (ISO/TS 9241-430:2021)**

This document provides guidance on the design, selection and optimization of non-contacting hand and arm gestures for human-computer interaction. It addresses the assessment of usability and fatigue associated with different gesture set designs and provides recommendations for approaches to evaluating the design and selection of gestures. This document also provides guidance on the documentation of the process for selecting gesture sets. This document applies to gestures expressed by humans. It does not consider the technology for detecting gestures or the system response when interpreting a gesture. Non-contacting hand gestures can be used for input in a variety of settings, including the workplace or in public settings and when using fixed screens, mobile, virtual reality, augmented reality or mixed-mode reality devices. Some limitations of this document are: — The scope is limited to non-contacting gestures and does not include other forms of inputs. For example, combining gesture with speech, gaze or head position can reduce input error, but these combinations are not considered here. — The scope is limited to non-contacting arm, hand and finger gestures, either unilateral (one-handed) or bilateral (two-handed). — The scope assumes that all technological constraints are surmountable. Therefore, there is no consideration of technological limitations with interpreting ultra-rapid gestures, gestures performed by people of different skin tones or wearing different colours or patterns of clothing. — The scope is limited to UI-based command-and-control human computer interaction (HCI) tasks and does not include gaming scenarios, although the traversal of in-game menus and navigation of UI elements is within scope. — The scope does not include HCI tasks for which an obviously more optimal input method exists. For example, speech input is superior for inputting text than gesture input. — The scope includes virtual reality (VR), augmented reality (AR) and mixed reality (MR) and the use of head-mounted displays (HMDs). — The scope does not include the discoverability of gestures but does include the learnability and memorability of gestures. It is assumed that product documentation and tutorials will adequately educate end users about which gestures are possible. Therefore, assessing gesture discoverability is not a primary goal of the recommendations in this document.

Keel: en

Alusdokumendid: ISO/TS 9241-430:2021; CEN ISO/TS 9241-430:2023

EVS-EN 15522-1:2023**Oil spill identification - Petroleum and petroleum related products - Part 1: Sampling**

This document provides guidance on taking and handling samples related to oil spill identification in legal proceedings. Guidance is given on obtaining samples from both the spill and its potential source. Preservation of evidence is an essential part of legal procedures and this document presents appropriate oil sampling procedures. **WARNING** - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel prior to the application of the standard, and to determine the applicability of any other restrictions for this purpose. **IMPORTANT** - Most countries have teams with specialists trained in sampling on board of ships. Do not take unnecessary risks, seek assistance from such teams where available. **NOTE** For the sake of clarity, the word 'oil' is used throughout this document. It can equally refer to crude oil, a petroleum product or mixtures of such.

Keel: en

Alusdokumendid: EN 15522-1:2023

Asendab dokumenti: CEN/TR 15522-1:2006

EVS-EN 15522-2:2023**Oil spill identification - Petroleum and petroleum related products - Part 2: Analytical method and interpretation of results based on GC-FID and GC-low resolution-MS analyses**

This document specifies a method to identify and compare the compositional characteristics of oil samples. Specifically, it describes the detailed analytical and data processing methods for identifying the characteristics of spill samples and establishing their correlation to suspected source oils. Even when samples or data from suspected sources are not available for comparison, establishing the specific nature (e.g. refined petroleum, crude oil, waste oil, etc.) of the spilled oil still helps to constrain the possible source(s). This methodology is restricted to petroleum related products containing a significant proportion of hydrocarbon-components with a boiling point above 150 °C. Examples are: crude oils, higher boiling condensates, diesel oils, residual bunker or heavy fuel oils, lubricants, and mixtures of bilge and sludge samples, as well as distillate fuels and blends. While the specific analytical methods are perhaps not appropriate for lower boiling oils (e.g. kerosene, jet fuel, or gasoline), the general concepts described in this methodology, i.e. statistical comparison of weathering-resistant diagnostic ratios, are applicable in spills involving these kinds of oils. Paraffin based products (e.g. waxes, etc.) are outside the scope of this method because too many compounds are removed during the production process [37]. However, the method can be used to identify the type of product involved. Although not directly intended for identifying oil recovered from groundwater, vegetation, wildlife/tissues, soil, or sediment matrices, they are not precluded. However, caution is needed as extractable compounds can be present in these matrices that alter and/or contribute additional compounds compared to the source sample. If unrecognized, the contribution from the matrix can lead to false "non-matches". It is therefore advisable to analyse background sample(s) of the matrix that appear unoiled. When analysing "non-oil" matrices additional sample preparation (e.g. clean-up) is often required prior to analysis and the extent to which the matrix affects the correlation achieved is to be considered. Whether the method is applicable for a specific matrix depends upon the oil concentration compared to the "matrix concentration". In matrices containing high concentrations of oil, a positive match can still be concluded. In matrices containing lower concentrations of oil, a false "non-match" or an "inconclusive match" can result from matrix effects. Evaluation of possible matrix effects is beyond the scope of this document.

Keel: en

Alusdokumendid: EN 15522-2:2023

Asendab dokumenti: CEN/TR 15522-2:2012

EVS-EN 16479:2023

Water quality - Performance requirements and conformity test procedures for water monitoring equipment - Automatic sampling devices (samplers) for water and waste water

This document specifies general requirements, performance requirements and conformity test procedures for automatic sampling devices (samplers) for water and waste water that: — sample water and waste water from non-pressurized (i.e. open to atmosphere) channels or vessels; — sample over extended periods to collect discrete or composite samples based on time, event or flow proportional sampling. It does not include sampling systems built into online and in-line analysers. The general requirements include functional facilities that samplers need to meet users' applications and information that needs to be included in associated documents. The test procedures specify uniform methods to be used when determining key performance characteristics of samplers at one or more set sample volume. It is for the sampler manufacturer and/or user to decide on the required set sample volume(s). All of the test procedures are to be carried out under laboratory conditions. It is recognized that for some samplers, certain test procedures are not applicable. Statistical procedures are specified for evaluation of the test data. Some example calculations are provided. Specific sample integrity requirements are specified for samplers to be used for the collection of samples of final effluent or influent for the purpose of monitoring the performance of urban waste water treatment works. Samplers to be used for other industrial applications do not need to be assessed against these specific sample integrity requirements. This document does not cover the installation and on-going use of samplers.

Keel: en

Alusdokumendid: EN 16479:2023

Asendab dokumenti: EVS-EN 16479:2014

EVS-EN 17075:2018+A1:2023

Water quality - General requirements and performance test procedures for water monitoring equipment - Continuous measuring devices

This European Standard specifies general requirements and performance test procedures for portable and fixed position measuring devices (MDs) that are used in an in-line or online operating position to measure physical and chemical determinands in water. It excludes at-line devices, such as chemical test kits, and off-line devices, such as laboratory analysers. The general requirements include functional facilities that MDs need to meet users' applications and information that need to be included in associated documents. The test procedures specify uniform methods to be used when determining key performance characteristics of MDs. The performance tests comprise testing carried out under laboratory and field conditions. Statistical procedures are defined for evaluation of the test data. It is recognized that for some devices certain test procedures are not applicable. Example values for performance characteristics for a selection of MDs for monitoring waste water effluents and receiving waters are detailed in Annex A for guidance. This European Standard requires the manufacturer of a MD to provide more technical data for verification than does EN ISO 15839:2006 [5]. Consequently, EN ISO 15839 will be of greater assistance to manufacturers wishing to characterize a new device whereas this European Standard is more focussed on user requirements for the verification of manufacturer's claims.

Keel: en

Alusdokumendid: EN 17075:2018+A1:2023

Asendab dokumenti: EVS-EN 17075:2018

EVS-EN 50104:2019/A1:2023

Hapniku avastamise ja mõõtmise elektriseadmed. Toimivusnõuded ja katsetamismeetodid Electrical equipment for the detection and measurement of oxygen - Performance requirements and test methods

This document specifies general requirements for design, testing and performance, and describes the test methods that apply to portable, transportable and fixed equipment for the measurement of the oxygen concentration in gas mixtures indicating up to 25 % (v/v).

Keel: en

Alusdokumendid: EN 50104:2019/A1:2023

Muudab dokumenti: EVS-EN 50104:2019

EVS-EN ISO 16387:2023

Soil quality - Effects of contaminants on Enchytraeidae (Enchytraeus sp.) - Determination of effects on reproduction (ISO 16387:2023)

This document specifies one of the methods for evaluating the habitat function of soils and determining effects of soil contaminants and substances on the reproduction of Enchytraeus sp. by dermal and alimentary uptake in a chronic test. It is applicable to soils and soil materials of unknown quality, for example, from contaminated sites, amended soils, soils after remediation, agricultural or other sites under concern and waste materials. This document provides information on how to use this method for testing substances under temperate conditions. The method is not applicable to substances, for which the air/soil partition coefficient is greater than 1, or to substances for which the vapour pressure exceeds 300 Pa at 25 °C. NOTE No provision is made in the test method for monitoring the persistence of the substance under test.

Keel: en

Alusdokumendid: ISO 16387:2023; EN ISO 16387:2023

Asendab dokumenti: EVS-EN ISO 16387:2014

EVS-EN ISO 5667-1:2023

Vee kvaliteet. Proovivõtt. Osa 1: Proovivõtuplaanide koostamisjuhendid ja proovivõtumeetodid Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO 5667-1:2023)

Selles dokumendis esitatakse proovivõtuplaanide koostamise ja proovivõtumeetodite üldised põhimõtted ning antakse juhendid vee proovivõtu kõigis aspektides (kaasa arvatud proovivõtt reoveest, reoveesetest, heitveest, hõljuvainetest ja setetest). See dokument ei sisalda üksikasjalikke juhendeid spetsiifiliste proovivõtuolukordade jaoks, mida on lähemalt kirjeldatud standardisarja ISO 5667 teistes osades ja standardis ISO 19458.

Keel: en, et

Alusdokumendid: ISO 5667-1:2023; EN ISO 5667-1:2023

Asendab dokumenti: EVS-EN ISO 5667-1:2022

EVS-ISO 8518:2023

Töökoha õhk. Plii ja pliiühendite sisalduse määramine õhus. Leek- ja elektrotermilise aatomabsorptsioonspektomeetria meetodid Workplace air — Determination of particulate lead and lead compounds — Flame and electrothermal atomic absorption spectrometric methods (ISO 8518:2022, identical)

See dokument täpsustab leekaatomabsorptsioonspektomeetria ja elektrotermilise aatomabsorptsioon-spektomeetria meetodid pliiosakeste ja -ühendite keskmise massikontsentratsiooni määramiseks teatud aja jooksul töökoha õhus. Need meetodid on tavapärastel rakendatavad lenduvate osakeste sissehingatava hulga isikupõhiseks määramiseks standardi ISO 7708 kohaselt ning staatiliseks (alapõhiseks) määramiseks. Vajaduse korral saab seda meetodit kasutada muude tervisega seotud fraktsioonide määramiseks. Proovi lahustamine täpsustab kuuma plaadi või mikrolaineahju abil lagundamist või ultrahelerialdust (vt 11.2). Alternatiivse, jõulisema lahustamisprotseduuri kasutamine on vajalik, kui soovitakse eraldada tina katseatmosfääris leiduvatest ühenditest, mida pole võimalik eraldada siin kirjeldatud eraldusprotseduuride abil (vt peatükk 5). Leekaatomabsorptsioonspektomeetria meetod on rakendatav umbes 1 µg kuni 200 µg pliihulga määramisel proovi kohta, ilma lahjendamata[1]. Elektrotermiline aatomabsorptsioonspektomeetria meetod on rakendatav umbes 0,01 µg kuni 0,5 µg pliihulga määramisel proovi kohta, ilma lahjendamata[1]. Ultrahelerialdus on hinnatud sobivaks umbes 20 µg kuni 100 µg pliihulga määramiseks proovi kohta laboris saadud õhusaastefiltri proovide põhjal[2]. Plii sisaldus õhus, millele see protseduur on rakendatav, määratakse osaliselt kasutaja valitud proovivõtumenetluse põhjal (vt 10.1).

Keel: en

Alusdokumendid: ISO 8518:2022

Asendab dokumenti: EVS-ISO 8518:2004

19 KATSETAMINE

EVS-EN IEC 61124:2023

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

This International Standard gives a number of optimized test plans, the corresponding border lines and characteristics. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of - failure rate, - failure intensity, - mean operating time to failure (MTTF), - mean operating time between failures (MTBF), conforms to a given requirement. It is assumed, except where otherwise stated, that during the accumulated test time, the times to failure or the operating times between failures are independent and identically exponentially distributed. This assumption implies that the failure rate or failure intensity is assumed to be constant. Four types of test plans are described as follows: - truncated sequential probability ratio test (SPRT); - fixed time/failure terminated test (FTFT); - fixed calendar time terminated test without replacement; - combined test. This standard does not cover guidance on how to plan, perform, analyse and report a test. This information can be found in IEC 60300-3-5. This standard does not describe test conditions. This information can be found in IEC 60605-2 and in IEC 60300-3-5.

Keel: en

Alusdokumendid: IEC 61124:2023; EN IEC 61124:2023

Asendab dokumenti: EVS-EN 61124:2012

Asendab dokumenti: EVS-EN 61124:2012/AC:2013

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN IEC 61124:2023

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

This International Standard gives a number of optimized test plans, the corresponding border lines and characteristics. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of - failure rate, - failure intensity, - mean operating time to failure (MTTF), - mean operating time between failures (MTBF), conforms to a given requirement. It is assumed, except where otherwise stated, that during the accumulated test time, the times to failure or the operating times between failures are independent and identically exponentially distributed. This assumption implies that the failure rate or failure intensity is assumed to be constant. Four types of test plans are described as follows: - truncated sequential probability ratio test (SPRT); - fixed time/failure terminated test (FTFT); - fixed calendar time terminated test without replacement; - combined test. This standard does not cover guidance on how to plan, perform, analyse and report a test. This information can be found in IEC 60300-3-5. This standard does not describe test conditions. This information can be found in IEC 60605-2 and in IEC 60300-3-5.

Keel: en

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14758-1:2023

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene with mineral modifiers (PP-MD) - Part 1: Specifications for pipes, fittings and the system

This document specifies the requirements for solid-wall pipes and fittings with or without internal and/or external skin, and the system of piping systems made from mineral modified polypropylene materials (PP-MD) in the field of non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and non-pressure underground drainage and sewerage for both buried in ground within the building structure and outside the building structure (application area code "UD"). This is reflected in the marking of products by "U" and "UD". NOTE 1 The skins are made of PP compound without mineral modifier. It also specifies the test parameters for the test methods referred to in this document. This document covers a range of nominal sizes, a range of pipe stiffness classes and gives recommendations concerning colours. NOTE 2 It is the responsibility of the purchaser or specifier to make the appropriate selection from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. In conjunction with Part 2 of EN 14758 (see European foreword) it is applicable to PP-MD pipes and fittings, their elastomeric sealing ring joints and to joints with components of other plastics and non-plastics materials intended to be used for buried piping systems for non-pressure underground drainage and sewerage. This document is applicable to PP-MD pipes with or without an integral socket and fittings with an integral socket. NOTE 3 The fittings can be manufactured by injection-moulding or be fabricated from pipes and/or mouldings. NOTE 4 Pipes, fittings and other components conforming to any of the plastics product standards listed in Annex C can be used with pipes and fittings conforming to this document, when they conform to the requirements for joint dimensions given in Clause 7 and to the requirements of Table 11.

Keel: en

Alusdokumendid: EN 14758-1:2023

Asendab dokumenti: EVS-EN 14758-1:2012

25 TOOTMISTEHNOLOGIA

EVS-EN 15085-3:2022+A1:2023

Raudteelased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 3: Konstruksiooninõuded Railway applications - Welding of railway vehicles and components - Part 3: Design requirements

This document applies to welding of metallic materials in the manufacture and maintenance of railway vehicles and their components. This document specifies applicable design and classification rules. This document does not define parameters for the dimensioning. NOTE Requirements on structures can be found in other standards like EN 12663

Keel: en

Alusdokumendid: EN 15085-3:2022+A1:2023

Asendab dokumenti: EVS-EN 15085-3:2022

EVS-EN 16729-5:2023

Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 5: Non-destructive testing on welds in track

This document specifies the procedures of visual testing and ultrasonic testing of rail welds in track for rail profiles meeting the requirements of EN 13674-1. This document specifies the principles for testing procedures for manufactured welds. This document defines the procedure for repair welds and joint welds. This document does not define the number of welds to be tested. This document is not concerned with the approval of the welding procedure.

Keel: en

Alusdokumendid: EN 16729-5:2023

EVS-EN ISO 4063:2023

Welding, brazing, soldering and cutting - Nomenclature of processes and reference numbers (ISO 4063:2023)

This document establishes a nomenclature for: — welding; — brazing, soldering and weld brazing; — thermal cutting; with each process identified by a reference number. It covers the main processes (one digit), groups (two digits) and sub-groups (three digits). The reference number for any process has a maximum of three digits. This system is intended as an aid in computerization and the drafting of, for example, drawings, working papers and welding procedure specifications, and enables the uniform international designation of the processes. This document does not cover all process variants. The process numbers can be supplemented with additional information for variants not listed.

Keel: en

Alusdokumendid: ISO 4063:2023; EN ISO 4063:2023

Asendab dokumenti: EVS-EN ISO 4063:2010

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 17522:2023

Design and construction of backfilled and grouted borehole heat exchangers

See dokument hõlmab geotermilistes energiasüsteemides kasutatavate täidetud soojuspuuraukude geoloogiliste ja keskkonnaaspektide, projekteerimise, ehitamise, käitamise, seire, hoolduse ja kasutusest eemaldamise standardimist. See dokument kehtib ainult täidetud soojuspuuraukude kohta, see ei kehti põhjaveega täidetud puuraukude kohta. Otsepaisumise ja termilise sifooni tehnikad on sellest dokumendist välja jäetud.

Keel: en

Alusdokumendid: EN 17522:2023

EVS-EN ISO 17225-8:2023

Solid biofuels - Fuel specifications and classes - Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use (ISO 17225-8:2023)

This document determines the fuel quality classes and specifications of graded densified solid biofuels produced from thermally treated biomass for commercial applications and industrial use. This document covers pellets and briquettes produced from the following raw materials (see ISO 17225-1:2021, Table 1): — woody biomass; — herbaceous biomass; — fruit biomass; — aquatic biomass; — blends and mixtures. Subcategories of these raw materials are included. This document does not consider products which are marketed as charcoal or as charcoal products. For these products, see ISO 17225-1:2021, Table 14. NOTE Health, safety and environmental issues for solid biofuels are important and need special attention; however, they are outside the scope of this document.

Keel: en

Alusdokumendid: ISO 17225-8:2023; EN ISO 17225-8:2023

EVS-EN ISO 18123:2023

Solid biofuels - Determination of volatile matter (ISO 18123:2023)

This document specifies the requirements and method used to determine the volatile matter of solid biofuels. It is intended for persons and organisations that manufacture, plan, sell, erect or use machinery, equipment, tools and entire plants related to solid biofuels, and for all persons and organisations involved in producing, purchasing, selling and utilizing solid biofuels.

Keel: en

Alusdokumendid: ISO 18123:2023; EN ISO 18123:2023

Asendab dokumenti: EVS-EN ISO 18123:2015

EVS-EN ISO 22712:2023

Refrigerating systems and heat pumps - Competence of personnel (ISO 22712:2023)

This document defines the activities related to refrigerating systems according to ISO 5149-1, ISO 5149-2, ISO 5149-3 and ISO 5149-4 and other equivalent standards, such as EN 378-1, EN 378-2, EN 378-3, EN 378-4 and the associated competence profiles. It also establishes the competence criteria for persons who carry out these activities. Activities concerning electricity are excluded. NOTE 1 As a refrigerating circuit is considered not to incorporate electrical and electronic systems, activities in this area are not part of this document. National regulations or appropriate International or national standards can be referred to for competence on electrical and electronic systems. NOTE 2 This document does not apply to persons carrying out work on self-contained refrigerating systems as defined in ISO 5149-1 or EN 378-1, from the initial design of the product to the complete manufacture of the product, provided the process is controlled and the methods used are checked by an organization or individual responsible for the conformance with statutory requirements on health, safety and environment (e.g. energy efficiency). NOTE 3 This document does not constitute a training programme.

Keel: en

Alusdokumendid: ISO 22712:2023; EN ISO 22712:2023

Asendab dokumenti: EVS-EN 13313:2010

29 ELEKTROTEHNIKA

EVS-EN IEC 60034-7:2022/AC:2023

Pöörlevad elektrimasinad. Osa 7: Konstruksioonitüüpide, paigaldamisviiside ja klemmikarbi asukoha klassifikatsioon (IM-kood)

Rotating electrical machines - Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code)

Corrigendum to EN IEC 60034-7:2022

Keel: en

Alusdokumendid: EN IEC 60034-7:2022/AC:2023-03; IEC 60034-7:2020/COR1:2023

Parandab dokumenti: EVS-EN IEC 60034-7:2022

EVS-EN IEC 60076-25:2023

Power transformers - Part 25: Neutral grounding resistors

IEC 60076-25:2023 applies to dry type natural air-cooled resistors, for neutral grounding of transformers and generators, in order to limit the earth fault current in power systems by means of metallic resistive elements. For the purposes of this document, the resistor can be: - used alone or in combination with other electrotechnical products not covered by this document, such as (but not limited to): a step-down single-phase transformer, an open triangle or zig-zag transformer (where the neutral point is not available) and a Petersen coil reactor (in order to increase active power contribution to the fault or reduce time constant for proper protection operation or both); - designed, manufactured and verified on a one-off basis or fully standardized and manufactured in quantity. Both terms "neutral grounding resistor" (NGR) and "neutral earthing resistor" (NER) can be used. However, for the purposes of this document and in order to avoid any confusion with "neutral earthing reactor" (NER), the term "neutral grounding resistor" (NGR) is used. This document specifies: - the characteristics of the NGR; - the service conditions requirements for NGRs; - the tests and test methods for confirming that these conditions have been met; - the requirements relating to marking for NGRs. Annex A provides guidance on how to consider the effect of resistance variation with temperature.

Keel: en

Alusdokumendid: IEC 60076-25:2023; EN IEC 60076-25:2023

EVS-EN IEC 60230:2018/A1:2023

Impulse tests on cables and their accessories

Amendment to EN IEC 60230:2018

Keel: en

Alusdokumendid: IEC 60230:2018/AMD1:2021; EN IEC 60230:2018/A1:2023

Muudab dokumenti: EVS-EN IEC 60230:2018

EVS-EN IEC 60947-6-2:2023

Madalpingelised lülitusaparaadid. Osa 6-2: Mitmetoimelised aparaadid. Juhtimis-kaitselülidid Low-voltage switchgear and controlgear - Part 6-2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020 + COR1:2021)

See dokument kehtib juhtimis- kaitselülite (või seadmete) kohta, mille peakontaktid on ette nähtud ühendamiseks vooluahelatega, mille tunnuspinge ei ületa vahelduvvoolul 1000 V või alalisvoolul 1500 V. See hõlmab juhtimis-kaitselüliteid: — mis tagavad ahelate ja mootorite kaitse- ning juhtimisfunktsioonide täitmise; — juhul kui selleks ei kasutata käsijuhtimist; — mis tagavad talitluse järjepidevuse ka pärast ülekoormusolusid ja — millel võivad olla täiendavad funktsioonid, nt ahelate eraldamine või andmeside. See dokument ei kehti — standardiga IEC 60947-5-1 hõlmatud abikontaktide kohta; — juhtimis-kaitselülite kohta, mida kasutatakse sagedusjuhtimisega ajami koormuspoolel; MÄRKUS Standardi järgmises korrasüsteemis kaalutakse täiendavaid nõudeid sagedusjuhtimisega ajami koormuspoolele kasutatavatele juhtimis-kaitselüliteele. — toote kasutamisel koos lisameetmetega plahvatusohtlikus keskkonnas, mida käsitleb standardisari IEC 60079; — sisseprogrammeeritava tarkvara kujundusreeglite kohta, mida käsitleb dokument IEC TR 63201; — küberturbe aspektide kohta, mida käsitleb dokument IEC TS 63208. Selle dokumendi eesmärk on sätestada — juhtimis-kaitselülite tunnussuured; — tingimused, mille korral juhtimis-kaitselülite talitus ja käitumine, dielektrilised omadused, vajadusel ka nende ümbrise kaitseaste ja nende konstruktsioon, sh ohutusmeetmed kaitseks elektrilöögi, tule- ja mehaaniliste ohtude eest, vastavad nõuetele; — katsetused, mille eesmärk on kontrollida nende tingimuste täitmist, ja nendel katsetustel kasutatavad meetodid; — teave, mis tuleb märgistada või esitada koos juhtimis-kaitselülitega.

Keel: en, et

Alusdokumendid: IEC 60947-6-2:2020; EN IEC 60947-6-2:2023; IEC 60947-6-2:2020/COR1:2021

Asendab dokumenti: EVS-EN 60947-6-2:2005

Asendab dokumenti: EVS-EN 60947-6-2:2005/A1:2007

EVS-EN IEC 60947-8:2023

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 8: Pöörlevate elektrimasinate sisseehitatud termokaitse juhtimiseadised

Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines

This part of IEC 60947 series specifies requirements for control units, which control a switching device in response to the PTC thermistors incorporated in rotating electrical machines and the industrial application. It specifies requirements for that type of system comprising a positive temperature coefficient (PTC) thermistor having particular characteristics, and its associated control unit. This document includes: - the characteristics, construction, performance and tests of the control unit; and - its association with a PTC thermistor designated "Mark A". This document does not cover: - the incorporation of thermal protections into rotating machines and their maximum winding temperature. See IEC 60034-11; - use of the product within explosive atmospheres (see IEC 60079 (all parts)); - software and firmware requirements; NOTE 1 Guidance on embedded software is given in IEC TR 63201. - cyber security aspects (see IEC TS 63208). NOTE 2 It is not possible to specify all the requirements for the operating characteristics of a control unit, as they are dependent on some aspects of the PTC thermistors. Some aspects of the requirements of the thermal protector system can only be specified when account is taken of the characteristics of the rotating machine to be protected and the method of installation of the PTC thermistor within the machine.

Keel: en

Alusdokumendid: IEC 60947-8:2021; EN IEC 60947-8:2023

Asendab dokumenti: EVS-EN 60947-8:2003

Asendab dokumenti: EVS-EN 60947-8:2003/A1:2006

Asendab dokumenti: EVS-EN 60947-8:2003/A2:2012

EVS-EN IEC 62281:2019/A2:2023

Safety of primary and secondary lithium cells and batteries during transport

Amendment to EN IEC 62281:2019

Keel: en

Alusdokumendid: EN IEC 62281:2019/A2:2023; IEC 62281:2019/A2:2023

Muudab dokumenti: EVS-EN IEC 62281:2019

Muudab dokumenti: EVS-EN IEC 62281:2019+A1:2021

33 SIDETEHNIKA

EVS-EN 62488-2:2017/AC:2023

Power line communication systems for power utility applications - Part 2: Analogue power line carrier terminals or APLC

Corrigendum to EN 62488-2:2017

Keel: en

Alusdokumendid: EN 62488-2:2017/AC:2023-03; IEC 62488-2:2017/COR2:2023

Parandab dokumenti: EVS-EN 62488-2:2017

EVS-EN IEC 60268-23:2023

Sound system equipment - Part 23: TVs and monitors - Loudspeaker systems

IEC 60268-23:2023 specifies acoustical measurement methods that apply to TV sets, monitors with built-in loudspeakers, and other audio devices having similar acoustical properties (e.g. flat-panel loudspeakers). The acoustical measurements are performed under free-field conditions and in-situ. This document does not assess the perception and cognitive evaluation of the reproduced sound, nor the impact of perceived sound quality.

Keel: en

Alusdokumendid: IEC 60268-23:2023; EN IEC 60268-23:2023

EVS-EN IEC 62087-2:2023

Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media

IEC 62087-2:2023 specifies the signals used to determine the power consumption of audio, video, and related equipment, such as television sets and computer monitors. It also specifies signals for determining the peak luminance ratio that is sometimes associated with television set power consumption measurement programs. In addition, this part specifies equipment, interfaces, and accuracy related to signal generation. IEC 62087-2:2023 cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) HDR and UHD video test signals have been added; b) dynamic box and outline test signals have been added, replacing the static box and outline test signals; c) all test signals are provided as media files for download from a specified IEC online repository, which replaces previous DVD and Blu-ray media.

Keel: en

Alusdokumendid: IEC 62087-2:2023; EN IEC 62087-2:2023

Asendab dokumenti: EVS-EN 62087-2:2016

EVS-EN IEC 62087-3:2023

Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets

IEC 62087-3:2023 specifies the determination of the power consumption and related characteristics of television sets. Television sets include, but are not limited to, those with LCD, OLED, or projection technologies. The operating modes and functions, as they specifically apply to television sets, are defined in detail in this part of IEC 62087. This document is limited to television sets that can be connected to an external power source. Television sets that include a non-removable, main battery are not covered by this document. Television sets can include any number of auxiliary batteries. The measuring conditions in this document represent the normal use of the equipment and can differ from specific conditions, for example as specified in safety standards. IEC 62087-3:2023 cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) it introduces measuring procedures for the determination of power consumption in the On mode while viewing static metadata HDR video content; b) all tests for On mode power determination are performed with MDD disabled; c) only progressive video signals are used for testing; d) a dimmable LED reflector lamp is used as a light source for illuminating the ABC sensor to achieve specific illuminance levels; e) a dynamic box and outline video signal is used for determining the ratio of peak luminance.

Keel: en

Alusdokumendid: IEC 62087-3:2023; EN IEC 62087-3:2023

Asendab dokumenti: EVS-EN 62087-3:2016

CEN ISO/TS 9241-430:2023**Ergonomics of human-system interaction - Part 430: Recommendations for the design of non-touch gestural input for the reduction of biomechanical stress (ISO/TS 9241-430:2021)**

This document provides guidance on the design, selection and optimization of non-contacting hand and arm gestures for human-computer interaction. It addresses the assessment of usability and fatigue associated with different gesture set designs and provides recommendations for approaches to evaluating the design and selection of gestures. This document also provides guidance on the documentation of the process for selecting gesture sets. This document applies to gestures expressed by humans. It does not consider the technology for detecting gestures or the system response when interpreting a gesture. Non-contacting hand gestures can be used for input in a variety of settings, including the workplace or in public settings and when using fixed screens, mobile, virtual reality, augmented reality or mixed-mode reality devices. Some limitations of this document are: — The scope is limited to non-contacting gestures and does not include other forms of inputs. For example, combining gesture with speech, gaze or head position can reduce input error, but these combinations are not considered here. — The scope is limited to non-contacting arm, hand and finger gestures, either unilateral (one-handed) or bilateral (two-handed). — The scope assumes that all technological constraints are surmountable. Therefore, there is no consideration of technological limitations with interpreting ultra-rapid gestures, gestures performed by people of different skin tones or wearing different colours or patterns of clothing. — The scope is limited to UI-based command-and-control human computer interaction (HCI) tasks and does not include gaming scenarios, although the traversal of in-game menus and navigation of UI elements is within scope. — The scope does not include HCI tasks for which an obviously more optimal input method exists. For example, speech input is superior for inputting text than gesture input. — The scope includes virtual reality (VR), augmented reality (AR) and mixed reality (MR) and the use of head-mounted displays (HMDs). — The scope does not include the discoverability of gestures but does include the learnability and memorability of gestures. It is assumed that product documentation and tutorials will adequately educate end users about which gestures are possible. Therefore, assessing gesture discoverability is not a primary goal of the recommendations in this document.

Keel: en

Alusdokumendid: ISO/TS 9241-430:2021; CEN ISO/TS 9241-430:2023

CEN/TR 17949:2023**Public transport - Distribution APIs for MaaS**

Existing public and private distribution API specifications will be identified, where practicable, and summarised in a number of ways, including: ownership of specification, scope of API functionality, basis of data model and data categorisation used, management of reference data, commercial access rules to the specification, governance of the specification, existing examples of use for MaaS booking, coherence with existing CEN standards, potential for becoming a new CEN standard.

Keel: en

Alusdokumendid: CEN/TR 17949:2023

EVS-EN 15509:2023**Electronic fee collection - Interoperability application profile for DSRC**

The scope for this European Standard is limited to: - payment method: Central account based on EFC-DSRC; - physical systems: OBU, RSE and the DSRC interface between them (all functions and information flows related to these parts); - DSRC-link requirements; - EFC transactions over the DSRC interface; - data elements to be used by OBU and RSE used in EFC-DSRC transactions; - security mechanisms for OBU and RSE used in EFC-DSRC transactions.

Keel: en

Alusdokumendid: EN 15509:2023

Asendab dokumenti: EVS-EN 15509:2014

EVS-EN 50600-2-4:2023**Information technology - Data centre facilities and infrastructures - Part 2-4: Telecommunications cabling infrastructure**

This document specifies design principles for information technology and network telecommunications cabling (e.g. SAN and LAN) in accordance with EN 50173 5, based upon the criteria and classifications for "availability" and "physical security" within EN 50600 1. This document addresses the telecommunications cabling infrastructures used in data centres. It describes: a) for design, the application of generic cabling standards in the EN 50173 series; b) for installation specification, planning and practices and quality assurance, the application of standards in the EN 50174 series (and related standards). In addition, this document specifies requirements and recommendations for the following: 1) general information technology cabling to support the IT operation of the data centre; 2) telecommunications cabling to monitor and control, as appropriate, power distribution, environmental control and physical security of the data centre; 3) other building automation cabling; 4) pathways, pathway systems, spaces and enclosures for the telecommunications cabling infrastructures. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this document and are covered by other standards and regulations. However, information given in this document can be of assistance in meeting these standards and regulations.

Keel: en

Alusdokumendid: EN 50600-2-4:2023

Asendab dokumenti: EVS-EN 50600-2-4:2015

EVS-EN ISO/IEC 29146:2023

Information technology - Security techniques - A framework for access management (ISO/IEC 29146:2016, including Amd 1:2022)

ISO/IEC 29146 defines and establishes a framework for access management (AM) and the secure management of the process to access information and Information and Communications Technologies (ICT) resources, associated with the accountability of a subject within some context. ISO/IEC 29146 provides explanations about related architecture, components and management functions and concepts, terms and definitions applicable to distributed access management. The subjects involved in access management might be uniquely recognized to access information systems, as defined in ISO/IEC 24760.

Keel: en

Alusdokumendid: ISO/IEC 29146:2016; EN ISO/IEC 29146:2023; ISO/IEC 29146:2016/Amd 1:2022

EVS-EN ISO/IEC 29184:2023

Information technology - Online privacy notices and consent (ISO/IEC 29184:2020)

ISO/IEC 29184 specifies controls which shape the content and the structure of online privacy notices as well as the process of asking for consent to collect and process personally identifiable information (PII) from PII principals. ISO/IEC 29184 is applicable in any online context where a PII controller or any other entity processing PII informs PII principals of processing.

Keel: en

Alusdokumendid: ISO/IEC 29184:2020; EN ISO/IEC 29184:2023

43 MAANTEESÕIDUKITE EHITUS

EVS-EN ISO 18246:2023

Electrically propelled mopeds and motorcycles - Safety requirements for conductive connection to an external electric power supply (ISO 18246:2023)

This document specifies safety requirements for conductive connection of electrically propelled mopeds and motorcycles (referred to as the EVs) to external electric circuits. NOTE 1 External electric circuits include external electric power supplies and external electric loads. It does not provide comprehensive safety information for manufacturing, maintenance and repair personnel. It applies only to on-board charging systems between the plug or vehicle inlet and RESS circuits. NOTE 2 The requirements when not connected to external electric circuits are specified in the ISO 13063 series. Requirements for bidirectional energy transfer DC to AC are under consideration and are not part of this document. NOTE 3 The safety requirements for DC EV supply equipment where protection relies on electrical separation are specified in IEC 61851-25. NOTE 4 The safety requirements for DC EV supply equipment where protection relies on double or reinforced insulation are specified in IEC TS 61851-3-1 and IEC TS 61851-3-2.

Keel: en

Alusdokumendid: ISO 18246:2023; EN ISO 18246:2023

Asendab dokumenti: EVS-EN ISO 18246:2017

45 RAUDTEETEHNIKA

EVS-EN 15085-3:2022+A1:2023

Raudteelased rakendused. Raudteeveeremi ja veeremidetallide keevitamine. Osa 3: Konstruksiooninõuded Railway applications - Welding of railway vehicles and components - Part 3: Design requirements

This document applies to welding of metallic materials in the manufacture and maintenance of railway vehicles and their components. This document specifies applicable design and classification rules. This document does not define parameters for the dimensioning. NOTE Requirements on structures can be found in other standards like EN 12663

Keel: en

Alusdokumendid: EN 15085-3:2022+A1:2023

Asendab dokumenti: EVS-EN 15085-3:2022

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN ISO 14375:2023

Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing (ISO 14375:2018)

This document specifies performance requirements and methods of test for non-reclosable packaging that have been designated child-resistant. This document is intended for type approval only (see 3.5) and is not intended for quality assurance purposes.

Keel: en

Alusdokumendid: ISO 14375:2018; EN ISO 14375:2023

EVS-EN ISO 28862:2023

Packaging - Child-resistant packaging - Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products (ISO 28862:2018)

This document specifies performance requirements and methods of test for non-reclosable packaging that has been designated child-resistant and which is intended to contain non-pharmaceutical products. This document is intended for type approval only (see 2.5) and is not intended for quality assurance purposes. This document applies to non-reclosable packages of the single-use type consisting of one or more individual units. Non-reclosable packages for pharmaceutical products are excluded from the scope of this document. These are the subject of a separate standard, ISO 14375, Child-resistant non-reclosable packaging for pharmaceutical products — Requirements and testing.

Keel: en

Alusdokumendid: ISO 28862:2018; EN ISO 28862:2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 17738:2023

Geotextiles and geotextile-related products - Damage during installation procedure - Full scale test

This document describes a procedure for producing mechanical damage to geotextiles and geotextile-related products due only to compaction of soil or other materials. The damage is assessed visually and by the loss of tensile strength or other reference tests used to assess the damage caused by this procedure. The method described is a full-scale test procedure, using a range of fills and compaction methods, and for the derivation of a reduction factor for installation damage for geotextiles and geotextile-related products. This document excludes geosynthetic barriers and products used in pavements and asphalt overlays.

Keel: en

Alusdokumendid: EN 17738:2023

65 PÖLLUMAJANDUS

EVS-EN 17816:2023

Lubiained. Füüsikaliste ja keemiliste omaduste ning spetsiifiliste saasteainete määramine Liming materials - Determination of physical and chemical properties and specific contaminants

This document is applicable to liming materials, which contain oxides, hydroxides, carbonates or silicates of the nutrients calcium (Ca) or magnesium (Mg) and the function of which is to correct soil acidity. It is applicable to fertilizing products, which are classified as PFC 2 or the PFC 2 component in PFC 7 of Regulation (EU) 2019/1009 [3]. NOTE The methods referred to in this document have not been tested for fertilizing product blends (PFC 7) [3]. This document specifies references to the methods for the determination of the following physical and chemical properties and specific contaminants in liming materials: - Determination of the cadmium content; - Determination of the chromium VI content; - Determination of the mercury content; - Determination of the nickel content; - Determination of the lead content; - Determination of the arsenic content; - Determination of the total chromium content; - Determination of neutralizing value; - Determination of the reactivity; - Determination of the grain size/granulometry; - Determination of the total CaO content; - Determination of the total MgO content. This document does not specify references to the methods for the determination of the following physical and chemical properties and specific contaminants in liming materials, as they are covered in other European Standards: - Determination of the copper and zinc content; - Determination of the chloride content; - Determination of quantity (indicated by mass or volume); - Determination of the phosphonates content.

Keel: en

Alusdokumendid: EN 17816:2023

71 KEEMILINE TEHNOLOOGIA

EVS-EN ISO 4803:2023

Laboratory glassware - Borosilicate glass tubing (ISO 4803:2021)

This document specifies requirements for borosilicate 3,3 glass tubing according to ISO 3585 for laboratory apparatus in an outer diameter range from 4 mm to 300 mm. This document defines dimensions, material, denomination, designation, requirements and inspection methods.

Keel: en

Alusdokumendid: ISO 4803:2021; EN ISO 4803:2023

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 1474-2:2020/AC:2023

Installation and equipment for liquefied natural gas - Design and testing of marine transfer systems - Part 2: Design and testing of transfer hoses

This European Standard gives general guidelines for the design, material selection, qualification, certification, and testing details for Liquefied Natural Gas (LNG) transfer hoses for offshore transfer or on coastal weather-exposed facilities for aerial, floating and submerged configurations or a combination of these. Whilst this European Standard is applicable to all LNG hoses, it is acknowledged that there may be further specific requirements for floating and submerged hoses. The transfer hoses will be

designed to be part of transfer systems (it means that they will be fitted with ERS, QCDC, handling systems, hydraulic and electric components etc.) To avoid unnecessary repetition, cross-references to EN 1474-1 and EN 1474-3, are made for all compatible items, and for references, definitions and abbreviations. Where additional references, definitions and abbreviations are required specifically for LNG hoses, they are listed in this European Standard. Transfer hoses need to be durable when operating in the marine environment and to be flexible with a minimum bending radius compatible with handling and the operating requirements of the transfer system.

Keel: en

Alusdokumendid: EN 1474-2:2020/AC:2023

Parandab dokumenti: EVS-EN 1474-2:2020

EVS-EN 15522-1:2023

Oil spill identification - Petroleum and petroleum related products - Part 1: Sampling

This document provides guidance on taking and handling samples related to oil spill identification in legal proceedings. Guidance is given on obtaining samples from both the spill and its potential source. Preservation of evidence is an essential part of legal procedures and this document presents appropriate oil sampling procedures. **WARNING** - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel prior to the application of the standard, and to determine the applicability of any other restrictions for this purpose. **IMPORTANT** - Most countries have teams with specialists trained in sampling on board of ships. Do not take unnecessary risks, seek assistance from such teams where available. **NOTE** For the sake of clarity, the word 'oil' is used throughout this document. It can equally refer to crude oil, a petroleum product or mixtures of such.

Keel: en

Alusdokumendid: EN 15522-1:2023

Asendab dokumenti: CEN/TR 15522-1:2006

EVS-EN 15522-2:2023

Oil spill identification - Petroleum and petroleum related products - Part 2: Analytical method and interpretation of results based on GC-FID and GC-low resolution-MS analyses

This document specifies a method to identify and compare the compositional characteristics of oil samples. Specifically, it describes the detailed analytical and data processing methods for identifying the characteristics of spill samples and establishing their correlation to suspected source oils. Even when samples or data from suspected sources are not available for comparison, establishing the specific nature (e.g. refined petroleum, crude oil, waste oil, etc.) of the spilled oil still helps to constrain the possible source(s). This methodology is restricted to petroleum related products containing a significant proportion of hydrocarbon-components with a boiling point above 150 °C. Examples are: crude oils, higher boiling condensates, diesel oils, residual bunker or heavy fuel oils, lubricants, and mixtures of bilge and sludge samples, as well as distillate fuels and blends. While the specific analytical methods are perhaps not appropriate for lower boiling oils (e.g. kerosene, jet fuel, or gasoline), the general concepts described in this methodology, i.e. statistical comparison of weathering-resistant diagnostic ratios, are applicable in spills involving these kinds of oils. Paraffin based products (e.g. waxes, etc.) are outside the scope of this method because too many compounds are removed during the production process [37]. However, the method can be used to identify the type of product involved. Although not directly intended for identifying oil recovered from groundwater, vegetation, wildlife/tissues, soil, or sediment matrices, they are not precluded. However, caution is needed as extractable compounds can be present in these matrices that alter and/or contribute additional compounds compared to the source sample. If unrecognized, the contribution from the matrix can lead to false "non-matches". It is therefore advisable to analyse background sample(s) of the matrix that appear unoiled. When analysing "non-oil" matrices additional sample preparation (e.g. clean-up) is often required prior to analysis and the extent to which the matrix affects the correlation achieved is to be considered. Whether the method is applicable for a specific matrix depends upon the oil concentration compared to the "matrix concentration". In matrices containing high concentrations of oil, a positive match can still be concluded. In matrices containing lower concentrations of oil, a false "non-match" or an "inconclusive match" can result from matrix effects. Evaluation of possible matrix effects is beyond the scope of this document.

Keel: en

Alusdokumendid: EN 15522-2:2023

Asendab dokumenti: CEN/TR 15522-2:2012

EVS-EN ISO 17225-8:2023

Solid biofuels - Fuel specifications and classes - Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use (ISO 17225-8:2023)

This document determines the fuel quality classes and specifications of graded densified solid biofuels produced from thermally treated biomass for commercial applications and industrial use. This document covers pellets and briquettes produced from the following raw materials (see ISO 17225-1:2021, Table 1): — woody biomass; — herbaceous biomass; — fruit biomass; — aquatic biomass; — blends and mixtures. Subcategories of these raw materials are included. This document does not consider products which are marketed as charcoal or as charcoal products. For these products, see ISO 17225-1:2021, Table 14. **NOTE** Health, safety and environmental issues for solid biofuels are important and need special attention; however, they are outside the scope of this document.

Keel: en

Alusdokumendid: ISO 17225-8:2023; EN ISO 17225-8:2023

EVS-EN ISO 18123:2023

Solid biofuels - Determination of volatile matter (ISO 18123:2023)

This document specifies the requirements and method used to determine the volatile matter of solid biofuels. It is intended for persons and organisations that manufacture, plan, sell, erect or use machinery, equipment, tools and entire plants related to solid biofuels, and for all persons and organisations involved in producing, purchasing, selling and utilizing solid biofuels.

Keel: en

Alusdokumendid: ISO 18123:2023; EN ISO 18123:2023

Asendab dokumenti: EVS-EN ISO 18123:2015

77 METALLURGIA

EVS-EN ISO 13520:2023

Determination of ferrite content in austenitic stainless steel castings (ISO 13520:2023)

Procedures are covered for estimating ferrite content in certain grades of austenitic iron-chromium-nickel alloy castings that have compositions balanced to create the formation of ferrite as a second phase in amounts controlled within specified limits. Methods are described for estimating ferrite content by chemical, magnetic and metallographic means.

Keel: en

Alusdokumendid: ISO 13520:2023; EN ISO 13520:2023

Asendab dokumenti: EVS-EN ISO 13520:2019

79 PUIDUTEHNOLOOGIA

EVS-EN 13442:2023

Wood and parquet flooring and wood panelling and cladding - Determination of the resistance to chemical agents

This document specifies a test method to determine the resistance of the surface of an element of wood flooring, panelling and cladding, to a predetermined list of chemical agents they may be exposed to during their service life.

Keel: en

Alusdokumendid: EN 13442:2023

Asendab dokumenti: EVS-EN 13442:2013

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 17947:2023

Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of fine silicon nitride powders (ISO 17947:2014)

This document specifies the methods for the chemical analysis of fine silicon nitride powders used as the raw material for fine ceramics. It stipulates the determination methods of total silicon, total nitrogen, aluminium, iron, calcium, oxygen, carbon, fluorine, and chlorine in fine silicon nitride powders.

Keel: en

Alusdokumendid: ISO 17947:2014; EN ISO 17947:2023

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 23582-1:2023

Plastics and rubber machines - Clamping systems - Part 1: Safety requirements for magnetic clamping systems (ISO 23582-1:2023)

This document specifies the essential safety requirements for the design, the construction and the integration of magnetic clamping systems (MCS) for plastics and rubber machines (e.g. injection moulding machines, compression moulding machines) and provides operational limits and information for their safe use. This document deals with the basic hazards, hazardous situations or hazardous events that are listed in Annex A, when an MCS is used utilizing magnetic force to affix a mould to the platen of a machine in which it is integrated, and provides requirements to eliminate or adequately reduce the risks associated with these hazards taking into consideration conditions of misuse that are reasonably foreseeable by the manufacturer. This document also specifies requirements for the MCS when integrated into a machine. This document does not deal specifically with hazards associated with production processes or other processes (e.g. horizontal or vertical injection moulding processes). Other standards can be applicable to these process hazards. This document does not cover hydraulic, pneumatic or mechanical clamping systems. This document is not applicable to MCS manufactured before the date of its publication.

Keel: en

Alusdokumendid: ISO 23582-1:2023; EN ISO 23582-1:2023

85 PABERITEHNOLOOGIA

EVS-EN ISO 535:2023

Paper and board - Determination of water absorptiveness - Cobb method (ISO 535:2023)

This document specifies a method for determining the water absorptiveness of paper and board, including corrugated fibreboard, under standard conditions. This document is not applicable for paper of grammage less than 50 g/m² or embossed paper. It is not applicable for porous papers such as newsprint or papers such as blotting paper or other papers having a relatively high-water absorptiveness for which ISO 8787 is more suitable.

Keel: en

Alusdokumendid: ISO 535:2023; EN ISO 535:2023

Asendab dokumenti: EVS-EN ISO 535:2014

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

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

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

This part of ISO 16474 specifies methods for exposing specimens to xenon-arc light in the presence of moisture to reproduce the weathering effects that occur when materials are exposed in actual end-use environments to daylight or to daylight filtered through window glass. The specimens are exposed to filtered xenon-arc light under controlled conditions (temperature, humidity and/or wetting). Various types of xenon-arc lamps and various filter combinations may be used to meet all the requirements for testing different materials. Specimen preparation and evaluation of the results are covered in other International Standards for specific materials. General guidance is given in ISO 16474 1. NOTE Xenon-arc exposures for plastics are described in ISO 4892 2.

Keel: en

Alusdokumendid: ISO 16474-2:2013; EN ISO 16474-2:2013; ISO 16474-2:2013/Amd 1:2022; EN ISO 16474-2:2013/A1:2022

Konsolideerib dokumenti: EVS-EN ISO 16474-2:2013

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

91 EHITUSMATERJALID JA EHITUS

EVS-EN 17522:2023

Design and construction of backfilled and grouted borehole heat exchangers

See dokument hõlmab geotermilistes energiasüsteemides kasutatavate täidetud soojuspuuraukude geoloogiliste ja keskkonnaaspektide, projekteerimise, ehitamise, käitamise, seire, hoolduse ja kasutusest eemaldamise standardimist. See dokument kehtib ainult täidetud soojuspuuraukude kohta, see ei kehti põhjaveega täidetud puuraukude kohta. Otsepaisumise ja termilise sifooni tehnikad on sellest dokumendist välja jäetud.

Keel: en

Alusdokumendid: EN 17522:2023

93 RAJATISED

EVS-EN 14758-1:2023

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene with mineral modifiers (PP-MD) - Part 1: Specifications for pipes, fittings and the system

This document specifies the requirements for solid-wall pipes and fittings with or without internal and/or external skin, and the system of piping systems made from mineral modified polypropylene materials (PP-MD) in the field of non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and non-pressure underground drainage and sewerage for both buried in ground within the building structure and outside the building structure (application area code "UD"). This is reflected in the marking of products by "U" and "UD". NOTE 1 The skins are made of PP compound without mineral modifier. It also specifies the test parameters for the test methods referred to in this document. This document covers a range of nominal sizes, a range of pipe stiffness classes and gives recommendations concerning colours. NOTE 2 It is the responsibility of the purchaser or specifier to make the appropriate selection from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. In conjunction with Part 2 of EN 14758 (see European foreword) it is applicable to PP-MD pipes and fittings, their elastomeric sealing ring joints and to joints with components of other plastics and non-plastics materials intended to be used for buried piping systems for non-pressure underground drainage and sewerage. This document is applicable to PP-MD pipes with or without an integral socket and fittings with an integral socket. NOTE 3 The fittings can be manufactured by injection-moulding or be fabricated from pipes and/or mouldings. NOTE 4 Pipes, fittings and other components conforming to any of the plastics product standards listed in Annex C can be used with pipes and fittings conforming to this document, when they conform to the requirements for joint dimensions given in Clause 7 and to the requirements of Table 11.

Keel: en

Alusdokumendid: EN 14758-1:2023

Asendab dokumenti: EVS-EN 14758-1:2012

EVS-EN 16729-5:2023

Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 5: Non-destructive testing on welds in track

This document specifies the procedures of visual testing and ultrasonic testing of rail welds in track for rail profiles meeting the requirements of EN 13674-1. This document specifies the principles for testing procedures for manufactured welds. This document defines the procedure for repair welds and joint welds. This document does not define the number of welds to be tested. This document is not concerned with the approval of the welding procedure.

Keel: en

Alusdokumendid: EN 16729-5:2023

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 4063:2010

Keevitus ja külgnevad protsessid. Protsesside nomenklatuur ja viitenumbrid
Welding and allied processes - Nomenclature of processes and reference numbers (ISO 4063:2009, Corrected version 2010-03-01)

Keel: en, et
Alusdokumendid: EN ISO 4063:2010; ISO 4063:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 4063:2023
Standardi staatus: Kehtetu

EVS-ISO 3297:2021

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

Keel: en
Alusdokumendid: ISO 3297:2020
Asendatud järgmise dokumendiga: EVS-ISO 3297:2023
Standardi staatus: Kehtetu

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

EVS-EN 61124:2012

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

Keel: en
Alusdokumendid: IEC 61124:2012; EN 61124:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 61124:2023
Parandatud järgmise dokumendiga: EVS-EN 61124:2012/AC:2013
Standardi staatus: Kehtetu

EVS-EN 61124:2012/AC:2013

Corrigendum 1 - Reliability testing - Compliance tests for constant failure rate and constant failure intensity

Keel: en
Alusdokumendid: IEC 61124/Cor 1:2013; Puudub
Asendatud järgmise dokumendiga: EVS-EN IEC 61124:2023
Standardi staatus: Kehtetu

EVS-ISO 13528:2017

Statistilised meetodid laboritevaheliste võrdluste tasemekatsetes kasutamiseks
Statistical methods for use in proficiency testing by interlaboratory comparisons (ISO 13528:2015)

Keel: en
Alusdokumendid: ISO 13528:2015
Asendatud järgmise dokumendiga: EVS-ISO 13528:2023
Standardi staatus: Kehtetu

EVS-ISO 18091:2015

Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001:2008 rakendamiseks kohalikus omavalitsuses
Quality management systems -- Guidelines for the application of ISO 9001:2008 in local government (ISO 18091:2014)

Keel: en, et
Alusdokumendid: ISO 18091:2014
Asendatud järgmise dokumendiga: EVS-ISO 18091:2023
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 10651-4:2009

Kopsuventilaatorid. Osa 4: Erinõuded käsiajamiga elustamisseadmetele Lung ventilators - Part 4: Particular requirements for operator - powered resuscitators

Keel: en
Alusdokumendid: ISO 10651-4:2002; EN ISO 10651-4:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 10651-4:2023
Standardi staatus: Kehtetu

EVS-EN ISO 8325:2004

Dentistry - Test methods for rotary instruments

Keel: en
Alusdokumendid: ISO 8325:2004; EN ISO 8325:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 8325:2023
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 15522-1:2006

Oil spill identification - Waterborne petroleum and petroleum products - Part 1: Sampling

Keel: en
Alusdokumendid: CEN/TR 15522-1:2006
Asendatud järgmise dokumendiga: EVS-EN 15522-1:2023
Standardi staatus: Kehtetu

EVS-EN 16479:2014

Vee kvaliteet. Veeseireseadmete toimimise nõuded ja vastavuse katsetamise protseduurid. Vee ja reovee automatiseeritud proovivõtuseadmed (proovivõtjad) Water quality - Performance requirements and conformity test procedures for water monitoring equipment - Automated sampling devices (samplers) for water and waste water

Keel: en, et
Alusdokumendid: EN 16479:2014
Asendatud järgmise dokumendiga: EVS-EN 16479:2023
Standardi staatus: Kehtetu

EVS-EN 17075:2018

Water quality - General requirements and performance test procedures for water monitoring equipment - Measuring devices

Keel: en
Alusdokumendid: EN 17075:2018
Asendatud järgmise dokumendiga: EVS-EN 17075:2018+A1:2023
Standardi staatus: Kehtetu

EVS-EN ISO 16387:2014

Soil quality - Effects of contaminants on Enchytraeidae (Enchytraeus sp.) - Determination of effects on reproduction (ISO 16387:2014)

Keel: en
Alusdokumendid: ISO 16387:2014; EN ISO 16387:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 16387:2023
Standardi staatus: Kehtetu

EVS-EN ISO 5667-1:2022

Vee kvaliteet. Proovivõtt. Osa 1: Proovivõtuplaanide koostamisjuhendid ja proovivõtumeetodid Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO 5667-1:2020)

Keel: en, et
Alusdokumendid: ISO 5667-1:2020; EN ISO 5667-1:2022
Asendatud järgmise dokumendiga: EVS-EN ISO 5667-1:2023
Standardi staatus: Kehtetu

EVS-ISO 8518:2004

Töökoha õhk. Plii ja pliiühendite sisalduse määramine õhus. Leek või elektrotermiline aatomabsorptsioon-spektomeetria
Workplace air - Determination of particulate lead and lead compounds - Flame or electrothermal atomic absorption spectrometric method

Keel: en
Alusdokumendid: ISO 8518:2001
Asendatud järgmise dokumendiga: EVS-ISO 8518:2023
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

CEN ISO/TS 25377:2007

Hydrometric uncertainty guidance (HUG)

Keel: en
Alusdokumendid: ISO/TS 25377:2007; CEN ISO/TS 25377:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 25377:2022
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 61124:2012

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

Keel: en
Alusdokumendid: IEC 61124:2012; EN 61124:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 61124:2023
Parandatud järgmise dokumendiga: EVS-EN 61124:2012/AC:2013
Standardi staatus: Kehtetu

EVS-EN 61124:2012/AC:2013

Corrigendum 1 - Reliability testing - Compliance tests for constant failure rate and constant failure intensity

Keel: en
Alusdokumendid: IEC 61124/Cor 1:2013; Puudub
Asendatud järgmise dokumendiga: EVS-EN IEC 61124:2023
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 61124:2012

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

Keel: en
Alusdokumendid: IEC 61124:2012; EN 61124:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 61124:2023
Parandatud järgmise dokumendiga: EVS-EN 61124:2012/AC:2013
Standardi staatus: Kehtetu

EVS-EN 61124:2012/AC:2013

Corrigendum 1 - Reliability testing - Compliance tests for constant failure rate and constant failure intensity

Keel: en
Alusdokumendid: IEC 61124/Cor 1:2013; Puudub
Asendatud järgmise dokumendiga: EVS-EN IEC 61124:2023
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14758-1:2012

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene with mineral modifiers (PP-MD) - Part 1: Specifications for pipes, fittings and the system

Keel: en
Alusdokumendid: EN 14758-1:2012
Asendatud järgmise dokumendiga: EVS-EN 14758-1:2023
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLLOOGIA

EVS-EN 15085-3:2022

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 3: Konstruksiooninõuded
Railway applications - Welding of railway vehicles and components - Part 3: Design requirements

Keel: en
Alusdokumendid: EN 15085-3:2022
Asendatud järgmise dokumendiga: EVS-EN 15085-3:2022+A1:2023
Standardi staatus: Kehtetu

EVS-EN ISO 4063:2010

Keevitus ja külgnevad protsessid. Protsesside nomenklatuur ja viitenumbrid
Welding and allied processes - Nomenclature of processes and reference numbers (ISO 4063:2009, Corrected version 2010-03-01)

Keel: en, et
Alusdokumendid: EN ISO 4063:2010; ISO 4063:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 4063:2023
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 13313:2010

Refrigerating systems and heat pumps - Competence of personnel

Keel: en
Alusdokumendid: EN 13313:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 22712:2023
Standardi staatus: Kehtetu

EVS-EN ISO 18123:2015

Solid biofuels - Determination of the content of volatile matter (ISO 18123:2015)

Keel: en
Alusdokumendid: ISO 18123:2015; EN ISO 18123:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 18123:2023
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60317-19:2003

Specifications for particular types of winding wires - Part 19: Solderable polyurethane enamelled round copper wire, overcoated with polyamide, class 130

Keel: en
Alusdokumendid: IEC 60317-19:1990+A1:1997+A2:1999; EN 60317-19:1995+A1:1998+A2:2000
Standardi staatus: Kehtetu

EVS-EN 60947-6-2:2005

Madalpingelised lülitusaparaadid. Osa 6-2: Mitmetoimelised aparaadid. Juhtimis- ja kaitselülitid
Low-voltage switchgear and controlgear - Part 6-2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS)

Keel: en, et
Alusdokumendid: IEC 60947-6-2:2002; EN 60947-6-2:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-6-2:2023
Muudetud järgmise dokumendiga: EVS-EN 60947-6-2:2005/A1:2007
Standardi staatus: Kehtetu

EVS-EN 60947-6-2:2005/A1:2007

Madalpingelised lülitusaparaadid. Osa 6-2: Mitmetoimelised aparaadid. Juhtimis- ja kaitselülitid
Low-voltage switchgear and controlgear - Part 6-2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS)

Keel: en, et
Alusdokumendid: IEC 60947-6-2:2002/A1:2007; EN 60947-6-2:2003/A1:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-6-2:2023

Standardi staatus: Kehtetu

EVS-EN 60947-8:2003

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 8: Pöörlevate elektrimasinate sisseehitatud termokaitse juhtimisseadmed

Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines

Keel: en

Alusdokumendid: IEC 60947-8:2003; EN 60947-8:2003

Asendatud järgmise dokumendiga: EVS-EN IEC 60947-8:2023

Muudetud järgmise dokumendiga: EVS-EN 60947-8:2003/A1:2006

Muudetud järgmise dokumendiga: EVS-EN 60947-8:2003/A2:2012

Standardi staatus: Kehtetu

EVS-EN 60947-8:2003/A1:2006

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 8: Pöörlevate elektrimasinate sisseehitatud termokaitse juhtimisseadmed

Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines

Keel: en

Alusdokumendid: IEC 60947-8:2003/A1:2006; EN 60947-8:2003/A1:2006

Asendatud järgmise dokumendiga: EVS-EN IEC 60947-8:2023

Standardi staatus: Kehtetu

EVS-EN 60947-8:2003/A2:2012

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 8: Pöörlevate elektrimasinate sisseehitatud termokaitse juhtimisseadmed

Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines

Keel: en

Alusdokumendid: IEC 60947-8:2003/A2:2011; EN 60947-8:2003/A2:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 60947-8:2023

Standardi staatus: Kehtetu

33 SIDETEHNIKA

CLC/TR 50083-10-1:2014

Cable networks for television signals, sound signals and interactive services - Part 10-1: Guidelines for the implementation of return paths in cable networks

Keel: en

Alusdokumendid: CLC/TR 50083-10-1:2014

Standardi staatus: Kehtetu

CLC/TR 50083-2-2:2014

Cable networks for television signals, sound signals and interactive services - Part 2-2: Interference issues for DVB-T reception in the presence of LTE base station signals

Keel: en

Alusdokumendid: CLC/TR 50083-2-2:2014

Standardi staatus: Kehtetu

CLC/TR 50083-5-1:2009

Cable networks for television signals, sound signals and interactive services - Part 5-1: IP gateways and interfaces for headends

Keel: en

Alusdokumendid: CLC/TR 50083-5-1:2009

Standardi staatus: Kehtetu

CLC/TR 50460:2005

Cable networks for television signals, sound signals and interactive services – System guidelines for analogue optical transmission systems

Keel: en

Alusdokumendid: CLC/TR 50460:2005

Standardi staatus: Kehtetu

CLC/TR 50607-10:2015

Satellite signal distribution over a single coaxial cable - Part 10: Implementation guideline

Keel: en

Alusdokumendid: CLC/TR 50607-10:2015

Standardi staatus: Kehtetu

EVS-EN 60794-3-50:2009

Optical fibre cables - Part 3-50: Outdoor cables - Family specification for gas pipe cables and subducts for installation by blowing and/or pulling/dragging in gas pipes

Keel: en

Alusdokumendid: IEC 60794-3-50:2008; EN 60794-3-50:2008

Standardi staatus: Kehtetu

EVS-EN 62087-2:2016

Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media

Keel: en

Alusdokumendid: EN 62087-2:2016; IEC 62087-2:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 62087-2:2023

Standardi staatus: Kehtetu

EVS-EN 62087-3:2016

Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets

Keel: en

Alusdokumendid: IEC 62087-3:2015; EN 62087-3:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 62087-3:2023

Standardi staatus: Kehtetu

EVS-EN 62680-2:2014

Universal serial bus interfaces for data and power -- Part 2: Universal serial bus - Micro-USB cables and connectors specification, revision 1.01

Keel: en

Alusdokumendid: IEC 62680-2:2013; EN 62680-2:2013

Asendatud järgmise dokumendiga: EVS-EN 62680-2-2:2015

Standardi staatus: Kehtetu

EVS-EN 62680-4:2014

Universal serial bus interfaces for data and power -- Part 4: Universal Serial Bus Cables and Connectors Class Document, Revision 2.0

Keel: en

Alusdokumendid: IEC 62680-4:2013; EN 62680-4:2014

Asendatud järgmise dokumendiga: EVS-EN 62680-2-3:2016

Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 15509:2014

Electronic fee collection - Interoperability application profile for DSRC

Keel: en

Alusdokumendid: EN 15509:2014

Asendatud järgmise dokumendiga: EVS-EN 15509:2023

Standardi staatus: Kehtetu

EVS-EN 50600-2-4:2015

Information technology - Data centre facilities and infrastructures - Part 2-4: Telecommunications cabling infrastructure

Keel: en

Alusdokumendid: EN 50600-2-4:2015

Asendatud järgmise dokumendiga: EVS-EN 50600-2-4:2023

Standardi staatus: Kehtetu

EVS-EN 62680-2:2014

Universal serial bus interfaces for data and power -- Part 2: Universal serial bus - Micro-USB cables and connectors specification, revision 1.01

Keel: en
Alusdokumendid: IEC 62680-2:2013; EN 62680-2:2013
Asendatud järgmise dokumendiga: EVS-EN 62680-2-2:2015
Standardi staatus: Kehtetu

EVS-EN 62680-4:2014

Universal serial bus interfaces for data and power -- Part 4: Universal Serial Bus Cables and Connectors Class Document, Revision 2.0

Keel: en
Alusdokumendid: IEC 62680-4:2013; EN 62680-4:2014
Asendatud järgmise dokumendiga: EVS-EN 62680-2-3:2016
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHTUS

EVS-EN ISO 18246:2017

Electrically propelled mopeds and motorcycles - Safety requirements for conductive connection to an external electric power supply (ISO 18246:2015)

Keel: en
Alusdokumendid: ISO 18246:2015; EN ISO 18246:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 18246:2023
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15085-3:2022

Raudteealased rakendused. Raudteeveeremi ja veeremidetallide keevitamine. Osa 3: Konstruksiooninõuded Railway applications - Welding of railway vehicles and components - Part 3: Design requirements

Keel: en
Alusdokumendid: EN 15085-3:2022
Asendatud järgmise dokumendiga: EVS-EN 15085-3:2022+A1:2023
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 15522-2:2012

Oil spill identification - Waterborne petroleum and petroleum products - Part 2: Analytical methodology and interpretation of results based on GC-FID and GC-MS low resolution analyses

Keel: en
Alusdokumendid: CEN/TR 15522-2:2012
Asendatud järgmise dokumendiga: EVS-EN 15522-2:2023
Standardi staatus: Kehtetu

EVS-EN ISO 18123:2015

Solid biofuels - Determination of the content of volatile matter (ISO 18123:2015)

Keel: en
Alusdokumendid: ISO 18123:2015; EN ISO 18123:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 18123:2023
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 13520:2019

Determination of ferrite content in austenitic stainless steel castings (ISO 13520:2015)

Keel: en
Alusdokumendid: ISO 13520:2015; EN ISO 13520:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 13520:2023

Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 13442:2013

Puit- ja parkettpõrandakate ja puitvooderdis ning pealistus. Vastupidavuse määramine keemilistele ainetele
Wood and parquet flooring and wood panelling and cladding - Determination of the resistance to chemical agents

Keel: en

Alusdokumendid: EN 13442:2013

Asendatud järgmise dokumendiga: EVS-EN 13442:2023

Standardi staatus: Kehtetu

EVS-EN 1870-15:2012

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 15: Käsitsi laetavad ja/või tühjendatavad mitmekettalised tooriku etteandesüsteemiga integreeritud järkamissaed
Safety of woodworking machines - Circular sawing machines - Part 15: Multi-blade cross-cut sawing machines with integrated feed of the workpiece and manual loading and/or unloading

Keel: en

Alusdokumendid: EN 1870-15:2012

Standardi staatus: Kehtetu

EVS-EN 1870-3:2014

Puidutöötlemismasinate ohutus. Ketassaagimismasinad. Osa 3: Allaliikumisel lõikavad järkamissaed ja kokkuehitatud allaliikumisel lõikavad järkamissaed/ketassaagimispingid
Safety of woodworking machines - Circular sawing machines - Part 3: Down cutting cross-cut saws and dual purpose down cutting cross-cut saws/circular saw benches

Keel: en

Alusdokumendid: EN 1870-3:2014

Standardi staatus: Kehtetu

EVS-EN 1870-7:2012

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 7: Ühekettalised integreeritud söotelaua ja käsitsi laadimise ja/või tühjendamisega palgijärkamisseadmed
Safety of woodworking machines - Circular sawing machines - Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading

Keel: en

Alusdokumendid: EN 1870-7:2012

Standardi staatus: Kehtetu

85 PABERITEHNOLOOGIA

EVS-EN ISO 535:2014

Paper and board - Determination of water absorptiveness - Cobb method (ISO 535:2014)

Keel: en

Alusdokumendid: ISO 535:2014; EN ISO 535:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 535:2023

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 algupäraseid 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 17972

Food authenticity - Food authenticity and fraud - Concepts, terms, and definitions

This document provides technical definitions of terms relating to authenticity and fraud when referring to food products. All terms and definitions are in the context of food supply chains, but most of them can also be applied when referring to feed products and the feed supply chain.

Keel: en

Alusdokumendid: prEN 17972

Arvamusküsitluse lõppkuupäev: 15.06.2023

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

prEN 17948

Maintenance function and management

This document describes the main content of maintenance management and the main activities for which maintenance management is responsible. The document is intended to guide maintenance managers and asset managers in charge of maintenance of items in industrial sectors (both manufacturing and services) and infrastructures/buildings in order to achieve the success factors of the organizations.

Keel: en

Alusdokumendid: prEN 17948

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN ISO/IEC 27001

Information security, cybersecurity and privacy protection - Information security management systems - Requirements (ISO/IEC 27001:2022)

This document specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system within the context of the organization. This document also includes requirements for the assessment and treatment of information security risks tailored to the needs of the organization. The requirements set out in this document are generic and are intended to be applicable to all organizations, regardless of type, size or nature.

Keel: en

Alusdokumendid: prEN ISO/IEC 27001; ISO/IEC 27001:2022

Asendab dokumenti: EVS-EN ISO/IEC 27001:2017

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 14180**Sterilizers for medical purposes - Low temperature steam and formaldehyde sterilizers - Requirements and testing**

1.1 This document specifies requirements and tests for LTSF sterilizers, which use a mixture of low temperature steam and formaldehyde as sterilizing agent, and which are working below ambient pressure only. These sterilizers are primarily used for the sterilization of heat labile medical devices in health care facilities. 1.2 This document specifies minimum requirements: - for the performance and design of sterilizers intended to deliver an LTSF-process capable of sterilizing medical devices; - for the equipment and controls of these sterilizers needed for operation, control and monitoring of the sterilization processes, and which can be used for validation of the sterilization process. 1.3 This document specifies further test equipment and test procedures used to verify conformance of the equipment design and performance specified by this document. 1.4 This document does not specify requirements and tests for decontamination systems for use in rooms, enclosures, or environmental spaces.

Keel: en

Alusdokumendid: prEN 14180

Asendab dokumenti: EVS-EN 14180:2014

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN ISO 11135**Sterilization of health care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO/DIS 11135:2023)**

1.1 Inclusions This document specifies requirements for the development, validation and routine control of an ethylene oxide sterilization process for medical devices in both the industrial and health care facility settings, and it acknowledges the similarities and differences between the two applications. NOTE 1 Among the similarities are the common need for quality systems, staff training, and proper safety measures. The major differences relate to the unique physical and organizational conditions in health care facilities, and to the initial condition of reusable medical devices being presented for sterilization. NOTE 2 Health care facilities differ from medical device manufacturers in the physical design of processing areas, in the equipment used, and in the availability of personnel with adequate levels of training and experience. The primary function of the health care facility is to provide patient care; medical device reprocessing is just one of a myriad of activities that are performed to support that function. NOTE 3 In terms of the initial condition of medical devices, medical device manufacturers generally sterilize large numbers of similar single-use medical devices. Health care facilities, on the other hand, handle and process both new medical devices and reusable medical devices of different types and with varying levels of bioburden. They are therefore faced with the additional challenges of cleaning, evaluating, preparing and packaging a medical device prior to sterilization. In this document, alternative approaches and guidance specific to health care facilities are identified as such. NOTE 4 EO gas and its mixtures are effective sterilants for medical devices that are sensitive other modalities such as moist heat and ionizing radiation NOTE 5 Although the scope of this document is limited to medical devices, it specifies requirements and provides guidance that can be applicable to other health care products. NOTE 6 See Annex A for guidance on Clauses 1 to 12. 1.2 Exclusions 1.2.1 This document does not specify requirements for the development, validation and routine control of a process for inactivating the causative agents of spongiform encephalopathies such as scrapie, bovine spongiform encephalopathy and Creutzfeldt-Jakob disease. Specific recommendations have been produced in particular countries for the processing of materials potentially contaminated with these agents. NOTE See ISO 22442-1, ISO 22442-2 and ISO 22442-3. 1.2.2 This document does not detail a specified requirement for designating a medical device as sterile. NOTE Attention is drawn to national or regional requirements for designating medical devices as "sterile". See for example EN 556-1 or ANSI/AAMI ST67. 1.2.3 This document does not specify a quality management system for the control of all stages of production of medical devices NOTE The effective implementation of defined and documented procedures is necessary for the development, validation and routine control of a sterilization process for medical devices. Such procedures are commonly considered to be elements of a quality management system. It is not a requirement of this document to have a full quality management system during manufacture or reprocessing. The necessary elements are referenced at appropriate places in the text (see, in particular, Clause 4). Attention is drawn to the standards for quality management systems (see ISO 13485) that control all stages of production or reprocessing of medical devices. National and/or regional regulations for the provision of medical devices can require the implementation of a full quality management system and the assessment of that system by a third party. 1.2.4 This document does not specify requirements for occupational safety associated with the design and operation of EO sterilization facilities. NOTE EO is toxic, flammable and explosive. National or regional regulations exist in some countries concerning safety requirements for the handling of EO and for premises in which EO is used. Refer to the Bibliography for further information on safety. 1.2.5 This document does not cover sterilization by injecting EO or mixtures containing EO directly into packages or a flexible chamber. NOTE See ISO 14937 for validation of these types of EO processes. 1.2.6 This document does not cover analytical methods for determining levels of residual EO and/or its reaction products. NOTE 1 For further information see ISO 10993-7. NOTE 2 Attention is drawn to the possible existence of national or regional regulations specifying limits for the level of EO residues present on or in medical devices.

Keel: en

Alusdokumendid: ISO/DIS 11135; prEN ISO 11135

Asendab dokumenti: EVS-EN ISO 11135:2014

Asendab dokumenti: EVS-EN ISO 11135:2014/A1:2019

Arvamusküsitluse lõppkuupäev: 15.06.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 60335-2-8:2015/prAC

Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

This European Standard shavers, hair clippers and similar appliances for domestic use having a rated voltage being not more than 250 V

Keel: en

Alusdokumendid: EN 60335-2-8:2015/prAC

Muudab dokumenti: EVS-EN 60335-2-8:2015

Arvamusküsitluse lõppkuupäev: 15.06.2023

EN IEC 60335-2-25:2021/prAB:2023

Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

This European Standard deals with the safety of microwave ovens for household and similar use, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: EN IEC 60335-2-25:2021/prAB:2023

Muudab dokumenti: EVS-EN IEC 60335-2-25:2021

Muudab dokumenti: EVS-EN IEC 60335-2-25:2021+A11:2021

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 12416-1

Fixed firefighting systems - Powder systems - Part 1: Requirements and test methods for components

This European Standard specifies requirements and test methods for materials, construction and performance of components intended for use in powder firefighting systems complying with prEN 12416-2:2000. The components covered are as follows: - powder containers - expellant gas container assemblies - pressure regulators and gauges - actuators - main isolating valves and selector valves - nozzles. The components are suitable for powder firefighting systems for general use in buildings and other construction works. In areas with a risk of explosion, earthquake zones, extreme environmental conditions e.g. marine, offshore, mining or aircraft additional considerations apply. This standard covers components for use in powder extinguishing systems complying with prEN 12416-2:2000. It does not cover, for example, pipes and fittings which are covered by more general standards for which requirements and recommendations are given in prEN 12416-2:2000. Nor does it cover fire detectors or electrical control and indicating equipment.

Keel: en

Alusdokumendid: prEN 12416-1

Asendab dokumenti: EVS-EN 12416-1:2001+A2:2007

Arvamusküsitluse lõppkuupäev: 15.06.2023

17 METROLOOGIA JA MÖÖTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 61340-5-1:2023

Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements

This part of IEC 61340 applies to organizations that: manufacture, process, assemble, install, package, label, service, test, inspect, transport or otherwise handle electrical or electronic parts, assemblies and equipment with withstand voltages greater than or equal to 100 V human body model (HBM) and 200 V charge device model (CDM). Also, protection from isolated conductors is addressed by limiting the voltage on isolated conductors to less than 35 V. ESDS with lower withstand voltages can require additional control elements or adjusted limits. Processes designed to handle items that have lower ESD withstand voltage(s) may still claim compliance to this standard. This standard provides the requirements for an ESD control program. IEC TR 61340-5-2 [9] provides guidance on the implementation of this standard. This standard does not apply to electrically initiated explosive devices, flammable liquids, gases and powders. The purpose of this standard is to provide the administrative and technical requirements for establishing, implementing and maintaining an ESD control program (hereinafter referred to as the "program").

Keel: en

Alusdokumendid: 101/679/CDV; prEN IEC 61340-5-1:2023

Asendab dokumenti: EVS-EN 61340-5-1:2016

Asendab dokumenti: EVS-EN 61340-5-1:2016/AC:2017 - arhiiv aint FR

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN ISO/CIE 11664-5

Colorimetry - Part 5: CIE 1976 L*u*v* colour space and u', v' uniform chromaticity scale diagram (ISO/CIE DIS 11664-5:2023)

ISO/CIE 11664-5:2016 specifies the method of calculating the coordinates of the CIE 1976 L*u*v* colour space including correlates of lightness, chroma, saturation and hue. It includes two methods for calculating Euclidean distances in this space to represent the relative perceived magnitude of colour differences. It also specifies the method of calculating the coordinates of the u',v' uniform chromaticity scale diagram. ISO/CIE 11664-5:2016 is applicable to tristimulus values calculated using the colour-matching functions of the CIE 1931 standard colorimetric system or the CIE 1964 standard colorimetric system. This part of ISO/CIE 11664 may be used for the specification of colour stimuli perceived as belonging to a reflecting or transmitting object, where a three-dimensional space more uniform than tristimulus space is required. This includes self-luminous displays, like cathode ray tubes, if they are being used to simulate reflecting or transmitting objects and if the stimuli are appropriately normalized. This part of ISO/CIE 11664, as a whole, does not apply to colour stimuli perceived as belonging to an area that appears to be emitting light as a primary light source or that appears to be specularly reflecting such light. Only the u',v' uniform chromaticity scale diagram defined in 4.1 and the correlates of hue and saturation defined in 4.3 apply to such colour stimuli.

Keel: en

Alusdokumendid: ISO/CIE DIS 11664-5; prEN ISO/CIE 11664-5

Asendab dokumenti: EVS-EN ISO 11664-5:2016

Arvamusküsitluse lõppkuupäev: 15.06.2023

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 60335-2-65:2003/prAC

Household and similar electrical appliances - Safety - Part 2-65: Particular requirements for air-cleaning appliances

This European Standard deals with the safety of electric air-cleaning appliances, their rated voltage being not more than 250 V for single phase and 480 V for other appliances, for household purposes. Also includes appliances intended to be used by laymen in shops, in light industry and on farms.

Keel: en

Alusdokumendid: EN 60335-2-65:2003/prAC

Muudab dokumenti: EVS-EN 60335-2-65:2003

Muudab dokumenti: EVS-EN 60335-2-65:2003+A1+A11+A2+A12:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 10216-2

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

This document specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel. This Part of EN 10216 may also be applied for tubes of non-circular cross section; necessary modification should be agreed at the time of enquiry and order. NOTE Once the reference of this document is published in the Official Journal of the European Union (OJEU) under Directive 2014/68/EU, pressure equipment Directive, presumption of conformity to the Essential Safety Requirements (ESR) of Directive 2014/68/EU is limited to technical data of materials in this document and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive are satisfied, needs to be done by the designer of the pressure equipment, taking also into account the subsequent manufacturing processes which could affect properties of the base materials.

Keel: en

Alusdokumendid: prEN 10216-2

Asendab dokumenti: EVS-EN 10216-2:2013+A1:2019

Arvamusküsitluse lõppkuupäev: 15.06.2023

25 TOOTMISTEHNOLOGIA

prEN ISO 14732

Welding personnel - Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials (ISO/DIS 14732:2023)

ISO 14732:2013 specifies requirements for qualification of welding operators and also weld setters for mechanized and automatic welding. ISO 14732:2013 does not apply to personnel exclusively performing loading or unloading of the automatic welding unit. ISO 14732:2013 is applicable when qualification testing of welding operators and weld setters is required by the contract or by the application standard. The requirements for testing of stud welding operators and setters are given in ISO 14555. The qualification and revalidation is in accordance with ISO 14732:2013. One annex deals with functional knowledge. Another annex deals with welding technical knowledge, a third annex outlines the qualification test certificate.

Keel: en

Alusdokumendid: ISO/DIS 14732; prEN ISO 14732

Asendab dokumenti: EVS-EN ISO 14732:2013

29 ELEKTROTEHNIKA

prEN IEC 60143-4:2023

Series capacitors for power systems - Part 4: Thyristor controlled series capacitors

This part of IEC 60143 specifies testing of thyristor controlled series capacitor (TCSC) installations used in series with transmission lines. This standard also addresses issues that consider ratings for TCSC thyristor valve assemblies, capacitors, and reactors as well as TCSC control characteristics, protective features, cooling system and system operation.

Keel: en

Alusdokumendid: prEN IEC 60143-4:2021; 33/689/CDV

Asendab dokumenti: EVS-EN 60143-4:2010

Arvamusküsitluse lõppkuupäev: 16.05.2023

prEN IEC 60422:2023

Mineral insulating oils in electrical equipment - Supervision and maintenance guidance

This standard provides monitoring guidance and procedures that are required for the use and maintenance of mineral insulating oils and other hydrocarbon-based liquids in transformers and other electrical equipment. This standard is applicable to mineral insulating oils, originally supplied conforming to IEC 60296, in transformers, switchgear and other electrical apparatus where oil sampling is reasonably practicable and where the normal operating conditions specified in the equipment specifications apply. This standard is also intended to assist the power equipment operator to evaluate the condition of the oil and maintain it in a serviceable condition. It also provides a common basis for the preparation of more specific and complete local codes of practice. The standard includes recommendations on tests and evaluation procedures and outlines methods for reconditioning and reclaiming oil and the decontamination of oil contaminated with PCBs. NOTE: The condition monitoring of electrical equipment, for example by analysis of dissolved gases, furanic compounds or other means, is outside the scope of this standard.

Keel: en

Alusdokumendid: 10/1194/CDV; prEN IEC 60422:2023

Asendab dokumenti: EVS-EN 60422:2013

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN IEC 61340-5-1:2023

Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements

This part of IEC 61340 applies to organizations that: manufacture, process, assemble, install, package, label, service, test, inspect, transport or otherwise handle electrical or electronic parts, assemblies and equipment with withstand voltages greater than or equal to 100 V human body model (HBM) and 200 V charge device model (CDM). Also, protection from isolated conductors is addressed by limiting the voltage on isolated conductors to less than 35 V. ESDS with lower withstand voltages can require additional control elements or adjusted limits. Processes designed to handle items that have lower ESD withstand voltage(s) may still claim compliance to this standard. This standard provides the requirements for an ESD control program. IEC TR 61340-5-2 [9] provides guidance on the implementation of this standard. This standard does not apply to electrically initiated explosive devices, flammable liquids, gases and powders. The purpose of this standard is to provide the administrative and technical requirements for establishing, implementing and maintaining an ESD control program (hereinafter referred to as the "program").

Keel: en

Alusdokumendid: 101/679/CDV; prEN IEC 61340-5-1:2023

Asendab dokumenti: EVS-EN 61340-5-1:2016

Asendab dokumenti: EVS-EN 61340-5-1:2016/AC:2017 - arhiiv aint FR

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN IEC 61347-2-13:2023

Controlgear for electric light sources - Safety - Part 2-13: Particular requirements for electronic controlgear for LED light sources

This document specifies safety requirements for electronic controlgear for LED light sources for use on DC supplies up to 1 500 V or on AC supplies up to 1 000 V at 50 Hz or 60 Hz. This document is applicable for controlgear with an output voltage (RMS) not higher than 1 000 V. NOTE 1 Control units, such as devices connected between power supply unit and LED light sources that control or adjust the operation of LED light sources, are covered by this document. NOTE 2 Performance requirements are covered by IEC 62384. NOTE 3 Such controlgear can also be used for electric sources producing optical radiation with the same technology used for purposes different than illumination and producing radiation other than visible spectrum.

Keel: en

Alusdokumendid: 34C/1576/CDV; prEN IEC 61347-2-13:2023

Asendab dokumenti: EVS-EN 61347-2-13:2014

Asendab dokumenti: EVS-EN 61347-2-13:2014/A1:2017

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN IEC 62752:2023

In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)

This International Standard applies to in-cable control and protection devices (IC-CPDs) for mode 2 charging of electric road vehicles, hereafter referred to as IC-CPD including control and safety functions. This standard applies to portable devices performing simultaneously the functions of detection of the residual current, of comparison of the value of this current with the residual operating value and of opening of the protected circuit when the residual current exceeds this value. The IC-CPD according to this standard • has a control pilot function controller in accordance with IEC 61851-1:2017, Annex A; • checks supply conditions and prevents charging in case of supply faults under specified conditions; • may have a switched protective conductor. Residual currents with frequencies different from the rated frequency, DC residual currents and specific environmental situation are considered. This standard is applicable to IC-CPDs performing the safety and control functions as required in IEC 61851-1 for mode 2 charging of electric vehicles. This standard is applicable to IC-CPDs for single-phase circuits not exceeding 250 V or multi-phase circuits not exceeding 480 V, their maximum rated current being 32 A. This standard is applicable to IC-CPDs to be used in AC circuits only, with preferred values of rated frequency 50 Hz, 60 Hz or 50/60 Hz. IC-CPDs according to this standard are not intended to be used to supply electric energy towards the connected grid. This standard is applicable to IC-CPDs having a rated residual operating current not exceeding 30 mA and are intended to provide additional protection for the circuit downstream of the IC-CPD in situations where it cannot be guaranteed that the installation is equipped with a n RCD with $I_{\Delta n} 488 < 30$ mA. The IC-CPD consists of: • a plug for connection to a socket-outlet in the fixed installation; • one or more subassemblies containing the control and protection features ; • a cable between the plug and the subassemblies (optional); • a cable between the subassemblies and the vehicle connector (optional); • a vehicle connector for connection to the electric vehicle. For plugs for household and similar use the respective requirements of the national standard and specific requirements defined by the national committee of the country where the product is placed on the market apply. If no national requirements exist, IEC 60884-1 applies. For industrial plugs IEC 60309-2 applies. For specific applications and areas non interchangeable industrial plugs may be used. In this case IEC 60309-1 applies.

Keel: en

Alusdokumendid: prEN IEC 62752:2022; 23E/1314/CDV

Asendab dokumenti: EVS-EN 62752:2016

Asendab dokumenti: EVS-EN 62752:2016/A1:2020

Asendab dokumenti: EVS-EN 62752:2016/AC:2019

Arvamusküsitluse lõppkuupäev: 16.05.2023

prEN IEC 62770:2023

Fluids for electrotechnical applications - Unused natural esters for transformers and similar electrical equipment

This International Standard describes specifications and test methods for unused natural esters in transformers and similar liquid-impregnated electrical equipment in which a liquid is required as an insulating and heat transfer medium. Use of natural esters is not recommended for electrical equipment that is open to the atmosphere. The exposure of natural ester to air leads to rapid deterioration of the insulating liquid. Use of natural esters should be restricted to sealed units, or with conservator tank protected from the contact with atmosphere by a membrane or other suitable system. In this standard the term "natural esters" applies to insulating liquids for transformers and similar electrical equipment with suitable biodegradability and lower environmental impact. Such natural esters are vegetable oils obtained from seeds and oils obtained from other suitable biological materials and delivered to an agreed point, at a set date. These oils are comprised of triglycerides. Natural esters with additives are within the scope of this standard. Because of their different chemical composition, natural esters differ from insulating mineral oils and other insulating liquids that have high fire points, such as synthetic esters or silicone fluids. Natural ester-derived insulating liquids with low viscosity have been introduced but are not covered by this standard. IEC 63012 standard covers these liquids.. This standard is applicable only to unused natural esters. Reclaimed natural esters and natural esters blended with other insulating liquids are beyond the scope of this standard. The chemical nomenclature and scientific notations used in the standard are in accordance with the IUPAC handbook (Quantities, Units and Symbols in Physical Chemistry).

Keel: en

Alusdokumendid: 10/1195/CDV; prEN IEC 62770:2023

Asendab dokumenti: EVS-EN 62770:2014

Arvamusküsitluse lõppkuupäev: 15.06.2023

31 ELEKTROONIKA

prEN IEC 60143-4:2023

Series capacitors for power systems - Part 4: Thyristor controlled series capacitors

This part of IEC 60143 specifies testing of thyristor controlled series capacitor (TCSC) installations used in series with transmission lines. This standard also addresses issues that consider ratings for TCSC thyristor valve assemblies, capacitors, and reactors as well as TCSC control characteristics, protective features, cooling system and system operation.

Keel: en

Alusdokumendid: prEN IEC 60143-4:2021; 33/689/CDV

Asendab dokumenti: EVS-EN 60143-4:2010

Arvamusküsitluse lõppkuupäev: 16.05.2023

EN IEC 61000-6-3:2021/prA1:2023 (Frag 1)**Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments - Miscellaneous items on General Maintenance - Amendment 1/Fragment 1**

Amendment to EN IEC 61000-6-3:2021

Keel: en

Alusdokumendid: CIS/H/472/CDV; EN IEC 61000-6-3:2021/prA1:2023 (Frag 1)

Muudab dokumenti: EVS-EN IEC 61000-6-3:2021

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 303 213-8 V2.0.1**Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 8: Community Specification for A-SMGCS guidance service**

The present document is applicable to the Advanced Surface Movement Guidance and Control System (A-SMGCS) Guidance Service. This service is based on the A-SMGCS surveillance service (as specified in ETSI EN 303 213-1) and generates individual guidance information for mobiles based on the surveillance and routing information and known constraints (e.g. standard taxi routes, taxiway closures). In most cases these guidance information will be provided to external partner systems of the A-SMGCS, such as the airfield ground lighting or electronic flight bag display systems in the cockpit of the mobiles. The guidance information can be modified by the controller at any time. The present document provides a European Standard for Air Navigation Service Providers, who have to demonstrate and declare compliance of their systems and procedures to the Regulation (EU) 2018/1139, and takes into account Commission Implementing Regulation (EU) 2021/116. A mapping of requirements for the A-SMGCS guidance service to the relevant Essential Requirements of Regulation (EU) 2018/1139 is provided in Annex A. Any software elements related to the software assurance level of an A-SMGCS are outside of the scope of the present document. As such the essential requirements of the Regulation (EU) 2018/1139 are not considered for software elements within the present document. The present document does not give presumption of conformity related to the maintenance requirements, environmental constraints, procedure level, effect of harmful interference and civil/military coordination. NOTE: For these ERs, refer to the Air Navigation Service Provider procedures. Requirements in the present document which refer to "should" statements or recommendations in the normatively referenced material (clause 2.1) are to be interpreted as fully normative ("shall") for the purpose of compliance with the present document. Currently there are no relevant Implementing Rules for A-SMGCS. The present document does not give presumption of conformity to any current interoperability Implementing Rules.

Keel: en

Alusdokumendid: Draft ETSI EN 303 213-8 V2.0.1

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN IEC 55011:2023**Tööstus-, teadus- ja meditsiiniseadmed. Raadiosageduslike häiringute tunnussuurused.****Piirväärtused ja mõõtemetodid****Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement**

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 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: prEN IEC 55011:2023; CISPR 11 ED7 (CIS/B/820/CDV)

Asendab dokumenti: EN 55011:2016/prAB

Asendab dokumenti: EVS-EN 55011:2016

Asendab dokumenti: EVS-EN 55011:2016/A1:2017

Asendab dokumenti: EVS-EN 55011:2016/A11:2020

Asendab dokumenti: EVS-EN 55011:2016+A1:2017

Asendab dokumenti: EVS-EN 55011:2016+A1+A11:2020

Arvamusküsitluse lõppkuupäev: 16.05.2023

prEN IEC 60793-1-41:2023**Optical fibres - Part 1-41: Measurement methods and test procedures - Bandwidth**

This part of IEC 60793 describes three methods for determining and measuring the modal bandwidth of multimode optical fibres (see IEC 60793-2-10, IEC 60793-2-30 and IEC 60793-2-40 series). The baseband frequency response is directly measured in the frequency domain by determining the fibre response to a sinusoidally modulated light source. The baseband response can also be measured by observing the broadening of a narrow pulse of light. The calculated response is determined using differential

mode delay (DMD) data. The three methods are: • Method A – Time domain (pulse distortion) measurement • Method B – Frequency-domain measurement • Method C – Overfilled launch modal bandwidth calculated from differential mode delay (OMBc) Methods A and B can be performed using one of two launches: an overfilled launch (OFL) condition or a restricted mode launch (RML) condition. Method C is only defined for A1-OM3 to A1-OM5 multimode fibres and uses a weighted summation of DMD launch responses with the weights corresponding to an overfilled launch condition. The relevant test method and launch condition should be chosen according to the type of fibre. NOTE 1 These test methods are commonly used in production and research facilities and are not easily accomplished in the field. NOTE 2 OFL has been used for the modal bandwidth value for LED-based applications for many years. However, no single launch condition is representative of the laser (e.g. VCSEL) sources that are used for gigabit and higher rate transmission. This fact drove the development of IEC 60793-1-49 for determining the effective modal bandwidth of laser optimized 50 µm fibres. See IEC 60793-2-10:2019 or later and IEC 61280-4-1:2019 or later for more information.

Keel: en

Alusdokumendid: 86A/2302/CDV; prEN IEC 60793-1-41:2023

Asendab dokumenti: EVS-EN 60793-1-41:2010

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN IEC 60793-1-45:2023

Optical fibres - Part 1-45: Measurement methods and test procedures - Mode field diameter

This part of IEC 60793 establishes uniform requirements for measuring the mode field diameter (MFD) of single-mode optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes.

Keel: en

Alusdokumendid: 86A/2300/CDV; prEN IEC 60793-1-45:2023

Asendab dokumenti: EVS-EN IEC 60793-1-45:2018

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN IEC 60793-2-50:2023

Optical fibres - Part 2-50: Product specifications - Sectional specification for class B singlemode fibres

This part of IEC 60793 is applicable to optical fibre categories B-652, B-653, B-654, B-655, B-656 and B-657. A map illustrating the connection of IEC designations to ITU-T designations is shown in Table 1. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables. Three types of requirements apply to these fibres: • general requirements, as defined in IEC 60793-2; • specific requirements common to the class B single-mode fibres covered in this document and which are given in Clause 5; • particular requirements applicable to individual fibre categories or specific applications, which are defined in Annexes A to F. For some fibre categories (shown in the relevant family specifications), there are sub-categories that are distinguished on the basis of difference in transmission attribute specifications. The designations for these sub-categories are documented in the individual family specifications. Table 1 shows a map from the IEC designations to the ITU-T recommendations. The table also provides the normative annex in this document that contains the detailed specification as well as the name used to describe this fibre type in IEC 60793-2-50:2015. The ITU-T recommendations as well as the IEC categories/sub-categories within each recommendation are given. In some cases, as for Recommendation G.652, a given IEC designation maps to multiple categories in the ITU-T because the ITU-T categories are distinguished by cabled fibre attribute (PMDQ) performance which are not distinguished in the IEC fibre specifications.

Keel: en

Alusdokumendid: 86A/2301/CDV; prEN IEC 60793-2-50:2023

Asendab dokumenti: EVS-EN IEC 60793-2-50:2019

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN IEC 60794-2-20:2023

Optical fibre cables - Part 2-20: Indoor cables - Family specification for multi-fibre optical cables

This part of IEC 60794 is a family specification covering multi-fibre optical cables for indoor use. The requirements of the sectional specification IEC 60794-2 are applicable to cables covered by this standard. Annex B contains a Blank Detail Specification and general guidance in case the cables are intended to be used in installation governed by the MICE table of ISO/IEC 11801-1).

Keel: en

Alusdokumendid: 86A/2310/CDV; prEN IEC 60794-2-20:2023

Asendab dokumenti: EVS-EN 60794-2-20:2014

Arvamusküsitluse lõppkuupäev: 15.06.2023

35 INFOTEHNOLOOGIA

prEN ISO/IEC 27001

Information security, cybersecurity and privacy protection - Information security management systems - Requirements (ISO/IEC 27001:2022)

This document specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system within the context of the organization. This document also includes requirements for the assessment and treatment of information security risks tailored to the needs of the organization. The requirements set out in this document are generic and are intended to be applicable to all organizations, regardless of type, size or nature.

Keel: en

Alusdokumendid: prEN ISO/IEC 27001; ISO/IEC 27001:2022

Asendab dokumenti: EVS-EN ISO/IEC 27001:2017

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEVS-ISO/IEC 27005

Infoturve, küberturve ja privaatsuskaitse - Infoturvariskide halduse juhised Information security, cybersecurity and privacy protection — Guidance on managing information security risks (ISO/IEC 27005:2022, identical)

See dokument annab organisatsioonidele abistavaid juhiseid järgmises: — ISO/IEC 27001 nõuete täitmiseks infoturvariske puudutavates toimingutes; — infoturvariski haldamise tegevuste, eelkõige riskikontrolli ja riskikäsitluse läbiviimisel. Dokument kohaldub kõigile organisatsioonidele, sõltumata tüübist, suuruselt ja tegutsemisvaldkonnast.

Keel: en

Alusdokumendid: ISO/IEC 27005:2022

Asendab dokumenti: EVS-ISO/IEC 27005:2019

Arvamusküsitluse lõppkuupäev: 15.06.2023

45 RAUDTEETEHNIKA

EN 16186-8:2022/prA1

Railway applications - Driver's cab - Part 8: Tram vehicle layout and access

This document gives design rules and requirements in order to ensure proper access, lighting, seating and exit of driver's cabs. The different dimensions are based on the anthropometric data defined in EN 16186-5. The corresponding assessment methods are also included in this document. It covers the following aspects: — dimension and interior layout; — door access, steps, floor characteristics; — seats dimension and clearance; — interior cab lighting; — emergency exit; — marking and labelling. This document is applicable to vehicles operating on tram networks.

Keel: en

Alusdokumendid: EN 16186-8:2022/prA1

Muudab dokumenti: EVS-EN 16186-8:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17149-3

Railway applications - Strength assessment of rail vehicle structures - Part 3: Fatigue strength assessment based on cumulative damage

This document describes a procedure for fatigue strength assessment based on cumulative damage of rail vehicle structures that are manufactured, operated and maintained in accordance with standards valid for rail system applications. This document is applicable for variable amplitude load data with total number of cycles higher than 10 000 cycles. An endurance limit approach is outside the scope of this document. The assessment procedure is restricted to ferrous materials and aluminium. This document does not define design load cases. This document is not applicable for corrosive conditions or elevated temperature operation in the creep range. This document is applicable to all kinds of rail vehicles; however it does not define in which cases a fatigue strength assessment using cumulative damage is to be applied.

Keel: en

Alusdokumendid: prEN 17149-3

Arvamusküsitluse lõppkuupäev: 15.06.2023

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 4473

Aerospace series - Aluminium pigmented organic coatings for fasteners - Technical specification

This document defines the performance requirements for aluminium pigmented organic coatings to be applied on titanium, titanium alloys, nickel or cobalt based alloys and corrosion resistant steels. This specification does not cover electrical bonding and lightning strike applications of this coating. Additional qualification tests will be agreed with the OEM upon qualification. NOTE This coating is not recommended for use on non-corrosion resistant steel fasteners.

Keel: en

Alusdokumendid: prEN 4473

Asendab dokumenti: EVS-EN 4473:2010

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 4474

Aerospace series - Aluminium pigmented organic coatings - Coating methods

This document defines the application method and quality assurance for aluminium pigmented coatings as per EN 4473 which may be applied to fasteners or other parts in titanium, titanium alloys, nickel or cobalt based alloys and corrosion resisting steels.

Keel: en
Alusdokumendid: prEN 4474
Asendab dokumenti: EVS-EN 4474:2016

Arvamusküsitluse lõppkuupäev: 15.06.2023

53 TÖSTE- JA TEISALDUS-SEADMED

EN 12999:2020/prA1 Cranes - Loader cranes

This document specifies minimum requirements for design, calculation, examinations and tests of hydraulic powered loader cranes and their mountings on vehicles or static foundations. This document applies to loader cranes designed to be installed on:
- road vehicles, including trailers, with load carrying capability; - tractors (road or agricultural), where only a towed trailer has capability to carry goods; - demountable bodies to be carried by any of the above; - other types of carriers (e.g. separate loaders, crawlers, rail vehicles, non-seagoing vessels); - static foundations. This document also applies to loader cranes equipped with special tools or interchangeable equipment (e.g. grapple, clamshell bucket, pallet clamp, etc.), as specified in the operator's manual. This document does not apply to loader cranes used on board sea going vessels or to articulated boom system cranes which are designed as total integral parts of special equipment such as forwarders. The hazards covered by this document are identified in Clause 4. This document does not cover hazards related to the lifting of persons. NOTE The use of cranes for lifting of persons can be subject to specific national regulations. This document is not applicable to loader cranes manufactured before the publication of this document. For loader cranes designed before the publication of this document, the provisions concerning stress calculations in the version of EN 12999 that was valid at the time of their design, are still applicable.

Keel: en
Alusdokumendid: EN 12999:2020/prA1
Muudab dokumenti: EVS-EN 12999:2020

Arvamusküsitluse lõppkuupäev: 15.06.2023

EN 13155:2020/prA1 Cranes - Safety - Non-fixed load lifting attachments

This document specifies safety requirements for the following non-fixed load lifting attachments for cranes, hoists and manually controlled load manipulating devices: a) plate clamps; b) vacuum lifters: 1) self-priming; 2) non-self-priming (pump, venturi, turbine); c) lifting magnets: 1) electric lifting magnets (battery fed and mains-fed); 2) permanent lifting magnets; 3) electro-permanent lifting magnets; d) lifting beams; e) C-hooks; f) lifting forks; g) clamps; h) lifting insert systems for use in normal weight concrete, as defined in Clause 3. This document does not give requirements for: - non-fixed load lifting attachments in direct contact with foodstuffs or pharmaceuticals requiring a high level of cleanliness for hygiene reasons; - hazards resulting from handling specific hazardous materials (e.g. explosives, hot molten masses, radiating materials); - hazards caused by operation in an explosive atmosphere; - hazards caused by noise; - hazards relating to the lifting of persons; - electrical hazards; - hazards due to hydraulic and pneumatic components. For high risk applications not covered by this standard, EN 13001-2:2014, 4.3.2 gives guidance to deal with them. This document covers the proof of static strength, the elastic stability and the proof of fatigue strength. This document does not generally apply to attachments intended to lift above people. Some attachments are suitable for that purpose if equipped with additional safety features. In such cases the additional safety features are specified in the specific requirements. This document does not cover slings, ladles, expanding mandrels, buckets, grabs, or grab buckets. This document does not cover power operated container handling spreaders, which are in the scope of EN 15056. This document is not applicable to non-fixed load attachments manufactured before the date of its publication. 1 Modification to Clause 1, "Scope" 2nd paragraph after list, replace the reference to EN 13001-2:2014 with: "EN 13001-2:2021".

Keel: en
Alusdokumendid: EN 13155:2020/prA1
Muudab dokumenti: EVS-EN 13155:2020

Arvamusküsitluse lõppkuupäev: 15.06.2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 14184-3 Textiles - Determination of formaldehyde - Part 3: Free and hydrolysed formaldehyde (extraction method) - Determination by high pressure liquid chromatography (ISO/DIS 14184-3:2023)

This part of ISO 14184 specifies a method for determining the amount of free formaldehyde and formaldehyde extracted partly through hydrolysis by means of an extraction method. The method can be applied to the testing of textile samples in any form. This method, based on high performance liquid chromatography (HPLC), is selective and not sensitive to coloured extracts and is intended to be used for precise quantification of formaldehyde.

Keel: en
Alusdokumendid: ISO/DIS 14184-3; prEN ISO 14184-3

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17700-1**Plant biostimulants - Claims - Part 1: General principles**

This document specifies the general principles for justifying the product claims for plant biostimulants. It is applicable to all application types of plant biostimulants. General principles consist of and define all general parameters, requirements and quality criteria, and are intended to be applied in order to assess the efficacy of trials used for claim(s) validation as a result of the use of a plant biostimulant. This document is aimed primarily at manufacturers, laboratories, researchers, technical centres, companies that will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities.

Keel: en

Alusdokumendid: prEN 17700-1

Asendab dokumenti: CEN/TS 17700-1:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17700-2**Plant biostimulants - Claims - Part 2: Nutrient use efficiency resulting from the use of a plant biostimulant**

This document provides guidance for justifying agronomic nutrient use efficiency claims of plant biostimulants used in agriculture. To be in compliance with this standard, it is important also to follow the Recommendations and Quality Criteria described in the Standard of General Principles EN 17700 1:—1. This document is aimed primarily at manufacturers, laboratories, researchers, technical centres, companies that will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities.

Keel: en

Alusdokumendid: prEN 17700-2

Asendab dokumenti: CEN/TS 17700-2:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17700-3**Plant biostimulants - Claims - Part 3: Tolerance to abiotic stress resulting from the use of a plant biostimulant**

This document provides guidance for justifying abiotic stress tolerance claim of plant biostimulants used in agriculture. This document is aimed primarily at manufacturers, laboratories, companies which will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities. To be in compliance with this standard, it is important also to follow the Recommendations and Quality Criteria described in the Standard of General Principles EN 17700 1:—1.

Keel: en

Alusdokumendid: prEN 17700-3

Asendab dokumenti: CEN/TS 17700-3:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17700-4**Plant biostimulants - Claims - Part 4: Determination of quality traits resulting from the use of a plant biostimulant**

This document provides guidance for justifying quality traits claims of plant biostimulants used in agriculture. This document is aimed primarily at manufacturers, laboratories, companies which will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities. To be in compliance with this standard, it is important also to follow the Recommendations and Quality Criteria described in the Standard of General Principles EN 17700 1:—1.

Keel: en

Alusdokumendid: prEN 17700-4

Asendab dokumenti: CEN/TS 17700-4:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17700-5**Plant biostimulants - Claims - Part 5: Determination of availability of confined nutrients in the soil or rhizosphere**

The claim described in this document concerns the improvement of availability of confined nutrients in the soil or rhizosphere by a plant biostimulant. This document is aimed primarily at manufacturers, laboratories, researchers, technical centres, companies that will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities. To be in compliance with this standard, it is important also to follow the Recommendations and Quality Criteria described in the Standard of General Principles EN 17700 1:—1.

Keel: en

Alusdokumendid: prEN 17700-5

Asendab dokumenti: CEN/TS 17700-5:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17701-1

Plant biostimulants - Determination of specific elements - Part 1: Digestion by aqua regia for subsequent determination of elements

This document specifies the method for the digestion of different plant biostimulants with aqua regia to enable a subsequent determination of arsenic (As), cadmium (Cd), copper (Cu), chromium (Cr), mercury (Hg), nickel (Ni), lead (Pb) and zinc (Zn). The method can be also applied for determination of other elements. The method is applicable for all solid and/or liquid plant biostimulants. This document is also applicable to the fertilizing product blends belonging to PFC 7 where the EU fertilising product plant biostimulant contained in the blend represents the highest % by mass in the blend. In case of equal shares, the user can apply either this or the standard(s) applicable to the other component product(s). The extracts are suitable for analysis using EN 17701 2:— (ICP-AES) and EN 17701 3:— (Hg analysis). NOTE Alternatively, inductively coupled plasma mass spectrometry (ICP-MS) can be used for the determination of the elements in the aqua regia digests if the user proves that the method gives the same results.

Keel: en

Alusdokumendid: prEN 17701-1

Asendab dokumenti: CEN/TS 17701-1:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17701-2

Plant biostimulants - Determination of specific elements - Part 2: Determination of total content of Cd, Pb, Ni, As, Cr, Cu and Zn

This document specifies a method for the determination of arsenic (As), cadmium (Cd), copper (Cu), chromium (Cr), lead (Pb), nickel (Ni) and zinc (Zn) in aqua regia plant biostimulant digests using inductively coupled plasma-atomic emission spectrometry (ICP-AES). This document is applicable to the fertilizing product blends belonging to PFC 7 where the EU fertilising product plant biostimulant contained in the blend represents the highest % by mass in the blend. In case of equal shares, the user can apply either this or the standard(s) applicable to the other component product(s). This method is applicable to aqua regia digests prepared according to EN 17701 1:—1. The method can be used for the determination of other elements, provided the user has verified the applicability. NOTE Alternatively, inductively coupled plasma mass spectrometry (ICP-MS) can be used for the determination of the elements in the aqua regia digests if the user proves that the method gives the same results.

Keel: en

Alusdokumendid: prEN 17701-2

Asendab dokumenti: CEN/TS 17701-2:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17701-3

Plant biostimulants - Determination of specific elements - Part 3: Determination of mercury

This document specifies a method for determination of the content of mercury (Hg) in plant biostimulants using (cold) vapour generation apparatus coupled to an atomic absorption spectrophotometer and a method using a direct amalgamation technique. It is applicable to aqua regia digests prepared according to EN 17701 1:—1. NOTE It is also possible to use other suitable methods for the determination of mercury described in Annex A if users prove that the method gives the same results as the methods described in this document. This document is also applicable to the blends of fertilizing products where plant biostimulants are the main part of the blend. Otherwise, the method for the main part of the blend applies.

Keel: en

Alusdokumendid: prEN 17701-3

Asendab dokumenti: CEN/TS 17701-3:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17702-1

Plant biostimulants - Sampling and sample preparation - Part 1: Sampling

This document specifies sampling plans and methods of representative sampling of plant biostimulants to obtain samples for physical, chemical and biological analysis. It is applicable to the sampling of batches of plant biostimulants supplied or ready for supply to third parties, as such, or in smaller batches. It is also applicable to the sampling of blends of fertilizing products where plant biostimulants are main part of the blend. Otherwise, deliverables of sampling relevant for the main part of the blend apply. This document is intended to be used by manufacturers, buyers and competent authorities to obtain samples prior to transport and supply it to a laboratory for testing. NOTE This document is applicable to the category of EU fertilizing product (plant biostimulants) in the meaning of Regulation (EU) 2019/1009.

Keel: en

Alusdokumendid: prEN 17702-1

Asendab dokumenti: CEN/TS 17702-1:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17702-2

Plant biostimulants - Sampling and sample preparation - Part 2: Sample preparation

This document specifies methods for the reduction and preparation of samples of non-microbial plant biostimulants including those intended for determination of microbial pathogens and sets out the requirements for sample preparation reports. It specifies methods for the preparation of test samples and test portions from laboratory samples of plant biostimulants for subsequent chemical, biological or physical analysis. It is also applicable to the sample preparation of blends of fertilizing products where plant

biostimulants are main part of the blend. Otherwise, deliverables of sample preparation relevant for the main part of the blend apply. This document does not include methods for the reduction and preparation of samples of microbial plant biostimulants, which will be covered by a different European Standard. NOTE This document is applicable to the category of EU fertilizing product (plant biostimulants) in the meaning of Regulation (EU) 2019/1009.

Keel: en

Alusdokumendid: prEN 17702-2

Asendab dokumenti: CEN/TS 17702-2:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17704

Plant biostimulants - Determination of dry matter

This document specifies the procedure for the determination and calculation of the dry matter fraction of plant biostimulants for which the results of performed analysis are to be calculated to the dry matter basis. This document is applicable to the fertilizing product blends belonging to PFC 7 where the EU fertilising product plant biostimulant contained in the blend represents the highest % by mass in the blend. In case of equal shares, the user can apply either this or the standard(s) applicable to the other component product(s).

Keel: en

Alusdokumendid: prEN 17704

Asendab dokumenti: CEN/TS 17704:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 17724

Plant biostimulants - Terminology

This document specifies the terms and definitions referred to in the plant biostimulant field and consists of 6 subclauses: 3.1 Claims 3.2 Terms relating to components 3.3 Terms relating to application method 3.4 Terms relating to sampling 3.5 Terms relating to physical form 3.6 Others terms relating to plant biostimulants

Keel: en

Alusdokumendid: prEN 17724

Asendab dokumenti: CEN/TS 17724:2022

Arvamusküsitluse lõppkuupäev: 15.06.2023

67 TOIDUAINETE TEHNOLOOGIA

prEN 17972

Food authenticity - Food authenticity and fraud - Concepts, terms, and definitions

This document provides technical definitions of terms relating to authenticity and fraud when referring to food products. All terms and definitions are in the context of food supply chains, but most of them can also be applied when referring to feed products and the feed supply chain.

Keel: en

Alusdokumendid: prEN 17972

Arvamusküsitluse lõppkuupäev: 15.06.2023

77 METALLURGIA

prEN 10216-2

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

This document specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel. This Part of EN 10216 may also be applied for tubes of non-circular cross section; necessary modification should be agreed at the time of enquiry and order. NOTE Once the reference of this document is published in the Official Journal of the European Union (OJEU) under Directive 2014/68/EU, pressure equipment Directive, presumption of conformity to the Essential Safety Requirements (ESR) of Directive 2014/68/EU is limited to technical data of materials in this document and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive are satisfied, needs to be done by the designer of the pressure equipment, taking also into account the subsequent manufacturing processes which could affect properties of the base materials.

Keel: en

Alusdokumendid: prEN 10216-2

Asendab dokumenti: EVS-EN 10216-2:2013+A1:2019

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN ISO 5754

Sintered metal materials, excluding hardmetals - Unnotched impact test piece (ISO/FDIS 5754:2023)

ISO 5754 specifies the dimensions of an unnotched impact test piece of sintered metal materials. The test piece may be obtained directly by pressing and sintering or by machining a sintered part. ISO 5754 applies to all sintered metals and alloys, with the exception of hardmetals. However, for certain materials (for example, materials with low porosity or materials with high ductility), it may be more appropriate to use a notched test piece which, in this case, will give results with less scatter. (In this case, refer to ISO 148-1.) NOTE For porous sintered materials, the results obtained from impact tests are not necessarily very accurate compared with results obtained from tests on solid metals.

Keel: en

Alusdokumendid: prEN ISO 5754; ISO/FDIS 5754:2023

Asendab dokumenti: EVS-EN ISO 5754:2017

Arvamusküsitluse lõppkuupäev: 15.06.2023

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 22007-1

Plastics - Determination of thermal conductivity and thermal diffusivity - Part 1: General principles (ISO/DIS 22007-1:2023)

ISO 22007-1:2017 describes the background to methods for the determination of the thermal conductivity and thermal diffusivity of polymeric materials. Different techniques are available for these measurements and some may be better suited than others for a particular type, state and form of material. ISO 22007-1:2017 provides a broad overview of these techniques. Standards specific to these techniques, as referenced in this document, are used to carry out the actual test method.

Keel: en

Alusdokumendid: ISO/DIS 22007-1; prEN ISO 22007-1

Asendab dokumenti: EVS-EN ISO 22007-1:2017

Arvamusküsitluse lõppkuupäev: 15.06.2023

91 EHITUSMATERJALID JA EHITUS

EN IEC 60335-2-84:2021/prAB:2023

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

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

Keel: en

Alusdokumendid: EN IEC 60335-2-84:2021/prAB:2023

Muudab dokumenti: EVS-EN IEC 60335-2-84:2021

Muudab dokumenti: EVS-EN IEC 60335-2-84:2021+A11:2021

Arvamusküsitluse lõppkuupäev: 15.06.2023

93 RAJATISED

prEN 13674-1

Railway applications - Rail - Part 1: Vignole railway rails 46 kg/m and above

This document specifies Vignole railway rails of 46 kg/m and greater linear mass, for conventional and high speed railway track usage. Pearlitic steel grades are specified covering a hardness range of 200 HBW to 440 HBW and include non heat treated non alloy steels, non heat treated alloy steels, and heat treated non alloy steels and heat treated alloy steels. There are 24 rail profiles specified in this document. Two classes of rail straightness are specified, differing in requirements for straightness, surface flatness and crown profile. Two classes of profile tolerances are specified.

Keel: en

Alusdokumendid: prEN 13674-1

Asendab dokumenti: EVS-EN 13674-1:2011+A1:2017

Arvamusküsitluse lõppkuupäev: 15.06.2023

97 OLME. MEELELAHUTUS. SPORT

EN 60335-2-50:2003/prAA:2023

Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie

This European Standard deals with the safety of electrically operated commercial bains-marie not intended for household and similar use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances

Keel: en
Alusdokumendid: EN 60335-2-50:2003/prAA:2023
Muudab dokumenti: EVS-EN 60335-2-50:2003
Muudab dokumenti: EVS-EN 60335-2-50:2003/AC:2007

Arvamusküsitluse lõppkuupäev: 15.06.2023

EN 60335-2-8:2015/prAC

Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

This European Standard shavers, hair clippers and similar appliances for domestic use having a rated voltage being not more than 250 V

Keel: en
Alusdokumendid: EN 60335-2-8:2015/prAC
Muudab dokumenti: EVS-EN 60335-2-8:2015

Arvamusküsitluse lõppkuupäev: 15.06.2023

EN IEC 60335-2-25:2021/prAB:2023

Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

This European Standard deals with the safety of microwave ovens for household and similar use, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: EN IEC 60335-2-25:2021/prAB:2023
Muudab dokumenti: EVS-EN IEC 60335-2-25:2021
Muudab dokumenti: EVS-EN IEC 60335-2-25:2021+A11:2021

Arvamusküsitluse lõppkuupäev: 15.06.2023

EN IEC 60335-2-90:2021/prAA

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens

This European Standard deals with - the safety of microwave ovens with a cavity door intended for commercial use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances; - the safety of combination microwave ovens with a cavity door, the requirements for which are contained in Annex AA; - the safety of microwave ovens without a cavity door and with transportation means that are intended for commercial use only, for the heating of food and beverages, the requirements for which are contained in Annex BB. Microwave ovens covered by Annex BB have transportation means for moving the load through the microwave oven. Requirements for tunnel microwave ovens and several types of microwave vending machines are covered. This European Standard also deals with microwave ovens intended to be used on board ships, for which Annex EE is applicable.

Keel: en
Alusdokumendid: EN IEC 60335-2-90:2021/prAA
Muudab dokumenti: EVS-EN IEC 60335-2-90:2021

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 12520

Furniture - Domestic seating - Requirements for safety, strength and durability

This document specifies the minimum requirements for the safety, strength and durability of all types of domestic seating for adults. It does not apply to ranked seating, seating for non-domestic use, office work chairs, office visitors' chairs, chairs for educational institutions, outdoor seating and to links for linked seating for which European Standards exist. It does not include requirements for the durability of upholstery materials, castors, reclining and tilting mechanisms and seat height adjustment mechanisms. It does not include requirements for electrical safety. It does not include requirements for the resistance to ageing, degradation, flammability and ergonomics. The tests are based on use by persons weighing up to 110 kg. Annex A (normative) describes the seat side-to-side durability test in D-G points. Annex B (informative) gives rationales for some of the tests referred to in Table 1. Annex C (normative) describes the test methods for finger entrapment and shear and compression.

Keel: en
Alusdokumendid: prEN 12520
Asendab dokumenti: EVS-EN 12520:2015

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 15338

Hardware for furniture - Strength and durability of extension elements and their components

This document specifies test methods and requirements for the strength and durability of all types of extension elements and their components for all fields of application, except table extensions. The tests consist of the application of loads, forces and velocities simulating normal functional use, as well as misuse, that can reasonably be expected to occur. With the exception of the corrosion test in 6.4, the tests are designed to evaluate properties without regard to materials, design/construction or manufacturing processes. The strength and durability tests only relate to the extension elements and the parts used for the attachment, e.g.

screws. The strength and durability tests are carried out in a test frame with specified properties. The test results can only be used as a guide to the performance of a piece of furniture. The test results are only valid for the extension element tested. These results may be used to represent the performance of production models provided that the tested model is representative of the production model. Ageing and influences of heat and humidity are not included.

Keel: en

Alusdokumendid: prEN 15338

Asendab dokumenti: EVS-EN 15338:2007+A1:2010

Arvamusküsitluse lõppkuupäev: 15.06.2023

prEN 16510-2-5

Residential solid fuel burning appliances - Part 2-5: Slow heat release appliances

This European Standard is applicable to residential freestanding hand fuelled intermittent burning slow heat release appliances having thermal storage capacity such that they can provide heat for an extended period of time after the fire has gone out. Maximum firing time is 3 hours. These slow heat release appliances may be supplied either as an assembled appliance or as a manufacturer's predesigned unit consisting of prefabricated components designed to be built on site in accordance with the manufacturer's specified assembly instructions. One off installations are not included as they are not covered by the scope of this standard. This European standard is also applicable to appliances which are designed for operating under room sealed conditions and which are intended to be installed into a chimney not serving any other appliances. These appliances can contain also fluid heating device which can be either a boiler or a heat exchanger that is not in contact with flames or flue gases. Note: Appliances which receive their combustion air from outside by means of a pipe system which is not air tight are not considered room sealed in accordance with this standard. This European Standard specifies requirements relating to the design, manufacture, construction, safety and performance (efficiency and emission) together with associated test methods and test fuels for residential slow heat release appliances fired by solid fuel (hereafter referred to as "appliances"), and provides instructions for them. Furthermore, it also gives provisions for evaluation of conformity i.e. initial type testing (ITT) and factory production control (FPC) and marking of these appliances. These appliances provide heat by radiation and convection from the surface and can also have channels for improved convection. They provide heat into the space where they are installed. Additionally if fitted with a boiler or a heat exchanger that is not in contact with flames or flue gases, these appliances may also provide domestic hot water and/or central heating. These appliances may burn either solid mineral fuels, peat briquettes, natural or manufactured wood logs or be multifuel fired in accordance with the appliance manufacturer's instructions. Wood pellets which are specifically intended to be hand fuelled can be burned either on the existing appliance bottom grate or in a special basket arrangement which is placed by the user into the existing firebox. This European Standard is not applicable to mechanically fed appliances. This European standard is also not applicable to appliances which are designed to be operated with ventilating systems which have pressure below (- 15 Pa) in relation to the outside atmosphere as measured in the room where the appliance is installed. This European Standard covers also CO, NO_x, OGC (total hydrocarbons) and particulate matter emission test methods; however it does not contain any values for the limit on these emissions. This part 25 of a European Standard series is applicable to slow heat release appliances. This part 25 is to be used in conjunction with the latest edition of EN 165101 and its amendments. It is established on the basis of EN 165101:2015. When this standard states "addition", "modification" or "replacement", the relevant text in part 1 is to be adapted accordingly.

Keel: en

Alusdokumendid: prEN 16510-2-5

Asendab dokumenti: EVS-EN 15250:2007

Arvamusküsitluse lõppkuupäev: 15.06.2023

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 50122-2:2022

Raudteealased rakendused. Püsipaigaldised. Elektriohutus, maandamine ja tagasisivooluahel. Meetmed alalisvooluveosüsteemide põhjustatud uitvoolude mõjude vastu

Selles dokumendis määratletakse nõuded kaitsemeetmetele uitvoolude vastu, mida põhjustab alalisvoolu elekterveotoitesüsteemide töö. Kuna mitme aastakümne pikkune kogemus ei ole näidanud vahelduvvoolu elekterveotoitesüsteemidest tingitud ilmseid korrosioonimõjusid, käsitletakse selles dokumendis ainult alalisvoolu elekterveotoitesüsteemist lähtuvaid uitvoolusid. Dokument kehtib kõikide veosüsteemi osaks olevate metallist kohtkindlatele paigaldistele, samuti kõikidele muudele maapinnas mis tahes asukohas paiknevatele metallosadele, mis võivad juhtida raudteesüsteemi tööst põhjustatud uitvoolusid. See dokument kehtib kõikidele uutele alalisvooluliinidele ja olemasolevate alalisvooluliinide suurematele muudatustele. Põhimõtteid saab rakendada ka olemasolevatele elektrifitseeritud transpordisüsteemidele, kus tuleb arvestada uitvoolu mõjudega. Dokumendis ei täpsustata hoolduse tööreegleid, kuid see sisaldab projekteerimisnõudeid hoolduse võimaldamiseks. Käsitlusala hõlmab alljärgnevat: a) raudteed, b) juhitavad ühistranspordi süsteemid, näiteks: 1) trammiteed, 2) kõrgendatud ja maa-alused raudteed, 3) mägiraudteed, 4) magnetlevitatsiooni süsteemid, milles kasutatakse kontaktliini süsteemi ja 5) trollibussi süsteemid, c) materjalide transpordisüsteemid. d) Seda dokumenti ei kohaldata järgmistel juhtudel: a) elekterveotoitesüsteemid allmaakaevandustes, b) kraanad, teisaldatavad platvormid ja sarnased rööbastel asuvad transpordiseadmed, ajutised konstruktsioonid (nt näituserajatised), kuivõrd neid ei varustata kontaktliini süsteemist otse ja neid ei ohusta elekterveotoitesüsteem, c) köissõidukid, d) köisraudteed.

Keel: et

Alusdokumendid: EN 50122-2:2022

Kommenteerimise lõppkuupäev: 16.05.2023

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 812-7:2018

Ehitiste tuleohutus. Osa 7: Ehitisele esitatavad tuleohutusnõuded

Fire safety of constructions - Part 7: Fire safety requirements for the building

See standard annab selgitused ja tüüplahendused standardolukordade lahendamiseks ehituslike tuleohutusnõuete määrusega kehtestatud oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Erilahenduste sobivust on endiselt võimalik analüütiliselt tõendada, kui on tagatud oluliste tuleohutusnõuete minimaalne tase. Standard EVS 812-7 ei käsitte põhjalikult ehituslikke nõudeid ehitistele ja tuleohutuspaigaldistele, mis on juba kaetud standardi, tehnilise spetsifikatsiooni või määrusega.

Kehtima jätmise alus: EVS/TK 05 otsus 09.03.2023 2-8/19 ja teade pikendamisküsitlusest 15.03.2023 EVS Teatajas

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 60534-2-5:2004

Industrial-process control valves - Part 2-5: Flow capacity - Sizing equations for fluid flow through multistage control valves with interstage recovery

Gives equations for predicting the flow of compressible and incompressible fluids through multistage control valves. Is based on standard hydrodynamic equations for Newtonian incompressible fluids. Is applicable only to those designs of multistage multipath control valves and multistage single path control valves.

Keel: en

Alusdokumendid: IEC 60534-2-5:2003; EN 60534-2-5:2003

Tühistamisküsitluse lõppkuupäev: 16.05.2023

EVS-EN ISO 21487:2018

Väikelaevad. Püsipaigaldatud bensiini- ja diislikütuse paagid

Small craft - Permanently installed petrol and diesel fuel tanks (ISO 21487:2012, including Amd 1:2014 and Amd 2:2015)

This International Standard establishes requirements for design and test of petrol and diesel fuel tanks for internal combustion engines that are intended to be permanently installed in small craft of up to 24 m length of hull. For installation requirements, ISO 10088 applies.

Keel: en

Alusdokumendid: ISO 21487:2012; ISO 21487:2012/Amd 1:2014; ISO 21487:2012/Amd 2:2015; EN ISO 21487:2018

Tühistamisküsitluse lõppkuupäev: 16.05.2023

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 13445-2:2021/A1:2023

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

Eeldatav avaldamise aeg Eesti standardina 06.2023

EN 1990:2023

Eurocode - Basis of structural and geotechnical design

Eeldatav avaldamise aeg Eesti standardina 01.2025

EN IEC 61547:2023

Üldvalgustusseadmed. Elektromagnetilise ühilduvuse häiringutaluvusnõuded Equipment for general lighting purposes - EMC immunity requirements (IEC 61547:2020)

Eeldatav avaldamise aeg Eesti standardina 06.2023

EN 13223:2015+A1:2022

Ohutusnõuded inimeste transportimiseks mõeldud köistee paigaldistele. Ajamisüsteemid ja muud mehaanilised seadmed Safety requirements for cableway installations designed to carry persons - Drive systems and other mechanical equipment

Eeldatav avaldamise aeg Eesti standardina 06.2023

EN 12929-1:2015+A1:2022

Ohutusnõuded inimeste transportimiseks mõeldud köistee paigaldistele. Üldnõuded. Osa 1: Nõuded kõikidele paigaldistele Safety requirements for cableway installations designed to carry persons - General requirements - Part 1 Requirements for all installations

Eeldatav avaldamise aeg Eesti standardina 06.2023

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-EN 13941-2:2019+A1:2021

Kaugküttetorud. Soojusisoleeritud konsolideeritud üksik- ja kaksiktorusüsteemide projekteerimine ja paigaldamine vahetult maasse paigaldatud soojaveevõrkudele. Osa 2: Paigaldamine

District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 2: Installation

Selles dokumendis määratakse projekteerimise, arvutamise ja paigaldamise nõuded sellistele tehases valmistatud maa-aluste soojaveevõrkude soojusisoleeritud konsolideeritud üksik- ja kaksiktorusüsteemidele, mis on ette nähtud pidevaks tööks, kasutades töödeldud vett erinevatel temperatuuridel kuni 120 °C ja lühiajaliselt tipptemperatuuridel kuni 140 °C, maksimaalselt 300 h/a ja maksimaalse siserõhuga 2,5 MPa. Standardisarjale EN 15632 vastavad painduvad torusüsteemid ei kuulu selle standardi käsituslasse. Standardisari EN 13941 „Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks“ koosneb kahest osast: a) EN 13941-1: „Design“; b) EN 13941-2: „Installation“. Selle osa, standardi EN 13941-2 nõuded moodustavad dokumendi EN 13941-1 nõuetega ühtse standardi. Standardi põhimõtteid võib rakendada soojusisoleeritud torusüsteemidele, mille rõhk on suurem kui 2,5 MPa, eeldusel, et selle kõrgema rõhu mõjudele pööratakse erilist tähelepanu. Selle standardi kohaselt võib projekteerida ja paigaldada külgnevaid, mitte maasse paigaldatud, kuid samasse võrku kuuluvaid torusid (nt torud kanalites, soojuskambrites, teid ületavatel konstruktsioonidel jne). See standard eeldab töödeldud vee kasutamist, mida on pehmemdamise, demineraliseerimise, deaereerimise, kemikaalide lisamise teel või muul viisil töödeldud, et tõhusalt vältida torudes sisemist korrosiooni ja setete ladestumist. MÄRKUS Kaugküttetorustikes kasutatava vee kvaliteedi lisateabe kohta vt kirjandusviide [8]. See dokument ei kehti selliste üksuste kohta nagu a) pumbad; b) soojusvahetid; c) katlad, mahutid; d) tarbijate soojussõlmede taga olevad süsteemid.

EVS-EN IEC 60947-6-2:2023

Madalpingelised lülitusaparaadid. Osa 6-2: Mitmetoimelised aparaadid. Juhtimis-kaitselülitid **Low-voltage switchgear and controlgear - Part 6-2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020 + COR1:2021)**

See dokument kehtib juhtimis- kaitselülite (või seadmete) kohta, mille peakontaktid on ette nähtud ühendamiseks vooluahelatega, mille tunnuspinge ei ületa vahelduvvoolul 1000 V või alalisvoolul 1500 V. See hõlmab juhtimis-kaitselüliteid: — mis tagavad ahelate ja mootorite kaitse- ning juhtimisfunktsioonide täitmise; — juhul kui selleks ei kasutata käsijuhtimist; — mis tagavad talitluse järjepidevuse ka pärast ülekoormusolusid ja — millel võivad olla täiendavad funktsioonid, nt ahelate eraldamine või andmeside. See dokument ei kehti — standardiga IEC 60947-5-1 hõlmatud abikontaktide kohta; — juhtimis-kaitselülite kohta, mida kasutatakse sagedusjuhtimisega ajami koormuspoolel1; MÄRKUS Standardi järgmises korrastustsükli kaalutakse täiendavaid nõudeid sagedusjuhtimisega ajami koormuspoolel kasutatavatele juhtimis-kaitselülitele. — toote kasutamisel koos lisameetmetega plahvatusohtlikus keskkonnas, mida käsitleb standardisari IEC 60079; — sisseprogrammeeritava tarkvara kujundusreeglite kohta, mida käsitleb dokument IEC TR 63201; — küberturbe aspektide kohta, mida käsitleb dokument IEC TS 63208. Selle dokumendi eesmärk on sätestada — juhtimis-kaitselülite tunnussuurused; — tingimused, mille korral juhtimis-kaitselülite talitus ja käitumine, dielektrilised omadused, vajadusel ka nende ümbrise kaitseaste ja nende konstruktsioon, sh ohutusmeetmed kaitseks elektrilöögi, tule- ja mehaaniliste ohtude eest, vastavad nõuetele; — katsetused, mille eesmärk on kontrollida nende tingimuste täitmist, ja nendel katsetustel kasutatavad meetodid; — teave, mis tuleb märgistada või esitada koos juhtimis-kaitselülitega.

EVS-EN ISO 15189:2022

Meditsiinilaborid. Kvaliteedi ja kompetentsuse nõuded **Medical laboratories - Requirements for quality and competence (ISO 15189:2022)**

Käesolev dokument määratleb kvaliteedi ja kompetentsuse nõuded meditsiinilaboritele. Käesolev dokument on kohaldatav meditsiinilaboritele, kui nad arendavad välja oma juhtimissüsteeme ja hindavad oma kompetentsust. Seda võivad meditsiinilaborite kompetentsuse kinnitamiseks või tunnustamiseks samuti kasutada labori kasutajad, valitsusasutused ja akrediteerimisasutused. Samuti on käesolev dokument kohaldatav patsiendilähedastele uuringutele (POCT). MÄRKUS Käesolevas dokumendis käsitletud spetsiifiliste teemade kohta võivad kehtida ka rahvusvahelised, riiklikud või piirkondlikud eeskirjad või nõuded.

EVS-EN ISO 5667-1:2023

Vee kvaliteet. Proovivõtt. Osa 1: Proovivõtuplaanide koostamisjuhendid ja proovivõtumeetodid **Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO 5667-1:2023)**

Selles dokumendis esitatakse proovivõtuplaanide koostamise ja proovivõtumeetodite üldised põhimõtted ning antakse juhendid vee proovivõtu kõigis aspektides (kaasa arvatud proovivõtt roveest, roveesestest, heitveest, hõljuvainetest ja setetest). See dokument ei sisalda üksikasjalikke juhendeid spetsiifiliste proovivõtuolukordade jaoks, mida on lähemalt kirjeldatud standardisarja ISO 5667 teistes osades ja standardis ISO 19458.

EVS-EN ISO 898-1:2013

Süsinikterasest ja legeeritud terasest kinnitite mehaanilised omadused. Osa 1: Spetsifitseeritud omadusklassidega poldid, kruvid ja tikkpoldid. Jämekeere ja peenkeere Mechanical properties of fasteners made of carbon steel and alloy steel - Part 1: Bolts, screws and studs with specified property classes - Coarse thread and fine pitch thread (ISO 898- 1:2013)

Standardi ISO 898 see osa spetsifitseerib süsinikterasest ja legeeritud terasest valmistatud poltide, kruvide ja tikkpoldide mehaanilised ja füüsikalised omadused, kui need on katsetatud keskkonnatemperatuuride vahemikus 10 °C kuni 35 °C. Kinniteid (seda terminit kasutatakse, kui käsitletakse koos polte, kruve ja tikkpolve), mis vastavad standardi ISO 898 selle osa nõuetele, hinnatakse selles keskkonnatemperatuuride vahemikus. Need ei pruugi säilitada spetsifitseeritud mehaanilisi ja füüsikalisi omadusi kõrgematel temperatuuridel (vt lisa B) ja/või madalamatel temperatuuridel. MÄRKUS 1 Kinniteid, mis vastavad standardi ISO 898 selle osa nõuetele, kasutatakse rakendustes temperatuuride vahemikus -50 °C kuni +150 °C. Kasutajatel soovitatakse konsulteerida kogenud kinnitite metallurgiga konkreetse rakenduse jaoks sobivate valikute määramisel temperatuuride jaoks väljaspool vahemikku -50 °C kuni +150 °C ja kuni maksimumtemperatuurini +300 °C. MÄRKUS 2 Teave madalamatel ja kõrgematel temperatuuridel kasutatavate teraste valiku ja rakendamise kohta on toodud näiteks standardites EN 10269, ASTM F2281 ja ASTM A320/A320M. Teatud poldid ja kruvid ei pruugi vastata standardi ISO 898 selle osa tõmbe- või väändenõuetele, kuna nende peade geomeetria vähendab pea nihkeala võrreldes keerme pingevalaga. Nende hulka kuuluvad madala või peitpeaga poldid ja kruvid (vt 8.2). Standardi ISO 898 see osa on rakendatav poltidele, kruvidele ja tikkpoldidele, – mis on tehtud süsinikterasest või legeeritud terasest, – millel on kolmnurkne ISO meeterkeere vastavuses standardiga ISO 68-1, – normaalkeermega M1,6 kuni M39 ja peenkeermega M8×1 kuni M39×3, – diameetri/sammu kombinatsiooniga vastavuses standarditega ISO 261 ja ISO 262 ning – mille keermetolerantsid on vastavuses standarditega ISO 965-1, ISO 965-2 ja ISO 965-4. Dokument ei kehti seadekruvide ja sarnaste keermetatud kinnitusedetailide puhul, mis ei ole tõmbepinge all (vt ISO 898-5). See ei spetsifitseeri nõudeid järgmistele omadustele, nagu – keevitatus, – korrosioonikindlus, – vastupanu nihkepinglele, – jõumomendi/vastusurvejõu karakteristik (vt katsemeetodi standardis ISO 16047) või – väsimuskindlus.

EVS-ISO 18091:2023

Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001 rakendamiseks kohalikus omavalitsuses

Quality management systems -- Guidelines for the application of ISO 9001 in local government (ISO 18091:2019, identical)

See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile selle tüübist, suurusest või tarnitavatest toodetest ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetena. See dokument annab kohalikele omavalitsustele juhised ISO 9001:2015 nõuetele vastava kvaliteedijuhtimissüsteemi mõistmiseks ja elluviimiseks, et vastata oma klientide/kodanike ja kõigi teiste asjasepuutuvate huvipoolte vajadustele ja ootustele, pakkudes neile järjepidevalt tooteid ja teenuseid. See edendab kvaliteedijuhtimissüsteemi elluviimist vastutustundlikul ja aruandekohustuslikul viisil, kohaldades kõikehõlmavalt standardit ISO 9001. Need juhised ei lisa, muuda ega teisenda ISO 9001 nõudeid. See on kohaldatav kõikidele kohaliku omavalitsuse protsessidele kõigil tasanditel (st strateegilisel, taktikalises-juhtimis- ja tegevustasandil), et moodustada terviklik kvaliteedijuhtimissüsteem, mis keskendub kohaliku omavalitsuse eesmärkide saavutamisele. Selle süsteemi terviklikkus on oluline tagamaks, et kõik kohaliku omavalitsuse valdkonnad oleksid kindlal tasemel usaldusväarsusega (st protsesside mõjususe). Lisa A kui lähtepunkt selle dokumendi kasutajatele annab kohalikele omavalitsustele diagnostilise meetodika oma protsesside, toodete ja teenuste käsitusala ja küpsuse hindamiseks. Lisas B on esitatud protsessid, mis on vajalikud klientidele/kodanikele usaldusväärsete toodete ja teenuste pakkumiseks.

STANDARDIPEALKIRJADE MUUTMINE

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

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 13941-2:2019+A1:2021	District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 2: Installation	Kaugküttetorud. Soojusisoleeritud konsolideeritud üksik- ja kaksiktorusüsteemide projekteerimine ja paigaldamine vahetult maasse paigaldatud soojaveevõrkudele. Osa 2: Paigaldamine
EVS-EN ISO 898-1:2013	Mechanical properties of fasteners made of carbon steel and alloy steel - Part 1: Bolts, screws and studs with specified property classes - Coarse thread and fine pitch thread (ISO 898-1:2013)	Süsinikterasest ja legeeritud terasest kinnitite mehaanilised omadused. Osa 1: Spetsifitseeritud omadusklassidega poldid, kruvid ja tikkpoldid. Jämekeere ja peenkeere

UUED HARMONEERITUD STANDARDID

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

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

Harmoneeritud standardite kasutamise korral eeldatakse, et standardi kohaselt valmistatud toode täidab õigusakti olulisi nõudeid, mis on nende standarditega hõlmatud, 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 sellest tulenevalt 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

(Rakendusotsus (EL) 2023/740, EL Teataja L 96/85, 5. aprill 2023)

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 71-13:2021+A1:2022 Mänguasjade ohutus. Osa 13: Lõhnavad lauamängud, kosmeetikakomplektid ja maitsmismängud	05.04.2023	EN 71-13:2021	05.04.2023