EVS Teataja

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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

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 18513:2021

Tourism services - Hotels and other types of tourism accommodation - Vocabulary (ISO 18513:2021)

This document defines terms used in the tourism industry in relation to the various types of tourism accommodation and their related services.

Keel: en
Alusdokumendid: ISO 18513:2021; EN ISO 18513:2021
Asendab dokumenti: EVS-EN ISO 18513:2003

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

EVS-EN ISO 13485:2016/A11:2021

Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded
Medical devices - Quality management systems - Requirements for regulatory purposes (ISO 13485:2016)

Standardi EN ISO 13485:2016 muudatus

Keel: en, et
Alusdokumendid: EN ISO 13485:2016/A11:2021
Muudab dokumenti: EVS-EN ISO 13485:2016

EVS-EN ISO 13485:2016+A11:2021

Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded
Medical devices - Quality management systems - Requirements for regulatory purposes (ISO 13485:2016)

See rahvusvaheline standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhul kui organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja nendega seotud teenuseid, mis järjekindlalt rahuldavad kliendi nõudeid ja kohalduvaid regulatiivnõudeid. Need organisatsioonid võivad olla tegevad ühes või mitmes meditsiiniseadme elutsükli etapis, sealhulgas meditsiiniseadmete kavandamisel ja arendamisel, tootmises, säilitamisel ja levitamisel, paigaldamisel, hooldamisel või seotud tegevuste (näiteks tehniline toetus) kavandamisel, arendamisel või tarnimisel. Seda rahvusvahelist standardit võivad kasutada ka tarnijad ja välisosapooled, kes pakuvad nendele organisatsioonidele tooteid, sealhulgas ka kvaliteedijuhtimissüsteemiga seotud teenuseid. Selle rahvusvahelise standardi nõuded on kohaldatavad organisatsioonidele vaatamata nende suurusele või tüübile, välja arvatud neil juhtudel, kui see erand on selgelt sätestatud. Kui on määratletud, et mingi nõue rakendub meditsiiniseadmele, siis see nõue rakendub samasuguselt ka seotud teenustele, mida organisatsioon tarnib. Selle rahvusvahelise standardi nõutud protsessid, mis kohalduvad organisatsioonile, kuid mida see organisatsioon ise ei teosta, on organisatsiooni vastutusalas ja neid võetakse arvesse organisatsiooni kvaliteedijuhtimissüsteemis protsesside seire, käigushoidmise ja juhtimise läbi. Kui kohalduvad regulatiivnõuded lubavad teha väljajätteid kavandamise ja tootearenduse juhtimismeetmetest, siis seda asjaolu võib kasutada vastavate nõuete kvaliteedijuhtimissüsteemist väljajätmise põhjendusena. Need regulatiivnõuded võivad pakkuda alternatiivseid lähenemisviise, mida on vaja käsitleda kvaliteedijuhtimissüsteemis. Organisatsiooni kohustus on tagada, et väited vastavuse kohta sellele rahvusvahelisele standardile kajastavad kõiki väljajätteid kavandamise ja tootearendamise käsitlemisel. Juhul kui mõni selle rahvusvahelise standardi peatüki 6, 7 või 8 nõuetest ei ole rakendatav organisatsiooni tegevuse iseloomu tõttu või selle meditsiiniseadme omaduste tõttu, millele kvaliteedisüsteemi rakendatakse, siis organisatsioon ei pea viima sellist nõuet oma kvaliteedijuhtimissüsteemi. Organisatsioon dokumenteerib põhjenduse (vastavalt jaotisele 4.2.2) selle standardi iga nõude puhul, mille puhul on tuvastatud selle mittekohalduvus.

Keel: en, et
Alusdokumendid: ISO 13485:2016; EN ISO 13485:2016; EN ISO 13485:2016/AC:2016; EN ISO 13485:2016/AC:2018; EN ISO 13485:2016/A11:2021
Konsolideerib dokumenti: EVS-EN ISO 13485:2016
Konsolideerib dokumenti: EVS-EN ISO 13485:2016/A11:2021
Konsolideerib dokumenti: EVS-EN ISO 13485:2016/AC:2018

EVS-EN ISO 18513:2021

Tourism services - Hotels and other types of tourism accommodation - Vocabulary (ISO 18513:2021)

This document defines terms used in the tourism industry in relation to the various types of tourism accommodation and their related services.

Keel: en
Alusdokumendid: ISO 18513:2021; EN ISO 18513:2021
Asendab dokumenti: EVS-EN ISO 18513:2003

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 6888-1:2021

Toiduahela mikrobioloogia. Horisontaalmeetod koagulaaspositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 1: Baird-Parkeri agarsöötme kasutamise meetod

Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 1: Method using Baird-Parker agar medium (ISO 6888-1:2021)

See dokument määratleb horisontaalmeetodi koagulaaspositiivsete stafülokokkide loendamiseks tahkel söötmel (Baird-Parkeri sööde) [10] saadud kolooniate loendamise teel pärast aeroobset inkubeerimist temperatuuril 34 °C kuni 38 °C ja koagulaasi kinnitamist. See dokument on kohaldatav — inimtarbimiseks ettenähtud toodetele, — loomade söötmiseks ettenähtud toodetele, — keskkonnaproovidele toidu ja sööda tootmis- ja käitlemispiirkondadest ning — tootmise esmatasandi proovidele. See horisontaalmeetod oli algselt loodud kõikide toiduahelasse kuuluvate proovide analüüsimiseks. Toiduahela toodete suure varieeruvuse tõttu on võimalik, et see horisontaalmeetod ei sobi igas üksikasjas kõikide toodete puhul. Siiski eeldatakse, et vajalikud muudatused on minimeeritud nii, et need ei põhjusta olulist kõrvalekallet sellest horisontaalmeetodist. Tuginedes selle dokumendi avaldamise hetkeks kättesaadavale informatsioonile, ei peeta seda meetodit (täielikult) sobivaks fermenteeritud toodete või teiste Staphylococcus spp (nt S. xylosus) baasil tehnoloogilist floorat sisaldavate toodete (nt toorpiimast valmistatud juust ja teatud toore liha tooted) analüüsimiseks, mis tõenäoliselt on saastunud — stafülokokkidega, mis moodustavad atüüpilisi kolooniaid Baird-Parkeri agarsöötmel; — taustmikroflooraga, mis võib varjata otsitavaid kolooniaid. Sellest hoolimata on siinsele dokumendile ja standardile ISO 6888-2 antud samaväärne staatus.

Keel: en, et
Alusdokumendid: ISO 6888-1:2021; EN ISO 6888-1:2021
Asendab dokumenti: EVS-EN ISO 6888-1:2001
Asendab dokumenti: EVS-EN ISO 6888-1:2001/A1:2004
Asendab dokumenti: EVS-EN ISO 6888-1:2001/A2:2018
Asendab dokumenti: EVS-EN ISO 6888-1:2001+A1+A2:2018

EVS-EN ISO 6888-2:2021

Toiduahela mikrobioloogia. Horisontaalmeetod koagulaaspositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 2: Küülikuplasma-fibrinogeenagarsöötme kasutamise meetod

Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 2: Method using rabbit plasma fibrinogen agar medium (ISO 6888-2:2021)

See dokument määratleb horisontaalmeetodi koagulaaspositiivsete stafülokokkide määramiseks tahkel söötmel (küülikuplasma-fibrinogeenagarsööde) saadud kolooniate loendamise teel pärast aeroobset inkubeerimist temperatuuril 34 °C kuni 38 °C (vt viide [10]). See dokument on kohaldatav — inimtoiduks ettenähtud toodetele, — loomade toiduks ettenähtud toodetele, — keskkonnaproovidele toidu ja sööda tootmis- ja käitlemispiirkondadest, — tootmise esmatasandi proovidele. See horisontaalmeetod oli algselt loodud kõikide toiduahelasse kuuluvate proovide analüüsimiseks. Toiduahela toodete suure varieeruvuse tõttu on võimalik, et see horisontaalmeetod ei sobi igas üksikasjas kõikide toodete puhul. Siiski eeldatakse, et vajalikud muudatused on minimeeritud nii, et need ei põhjusta olulist kõrvalekallet sellest horisontaalmeetodist. Tuginedes selle dokumendi avaldamise hetkeks kättesaadavale informatsioonile, ei peeta seda meetodit (täielikult) sobivaks fermenteeritud toodete või teiste Staphylococcus spp. (nt S. xylosus'e) baasil tehnoloogilist floorat sisaldavate toodete (nt toorpiimast valmistatud juustu ja teatud toore liha toodete) analüüsimiseks, mis tõenäoliselt on saastunud — stafülokokkidega, mis moodustavad atüüpilisi kolooniaid Baird-Parkeri agarsöötmel; — taustmikroflooraga, mis võib varjata otsitavaid kolooniaid. Sellest hoolimata on nii standardile ISO 6888-1 kui ka sellele dokumendile antud samaväärne staatus.

Keel: en, et
Alusdokumendid: ISO 6888-2:2021; EN ISO 6888-2:2021
Asendab dokumenti: EVS-EN ISO 6888-2:2001
Asendab dokumenti: EVS-EN ISO 6888-2:2001/A1:2004

11 TERVISEHOOLDUS

EVS-EN 12353:2021

Chemical disinfectants and antiseptics - Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity

This document specifies methods for keeping test organisms used and defined in European Standards for the determination of bactericidal (incl. Legionella pneumophila), mycobactericidal, sporicidal, fungicidal and virucidal (incl. bacteriophages) activity of chemical disinfectants and antiseptics drawn up by CEN/TC 216. These methods for keeping test organisms can only be carried out in connection with at least one of those standards where a reference to this document is established. NOTE 1 Annex A (informative) contains a non-exhaustive list of test organisms for which this document can be applied. NOTE 2 European Standards (EN) where this document is referenced are listed in the Bibliography. NOTE 3 A specific description on the preservation of bacterial spores could be added once the results of the ongoing ring trials are available.

Keel: en
Alusdokumendid: EN 12353:2021

Asendab dokumenti: EVS-EN 12353:2013

EVS-EN ISO 13485:2016/A11:2021

Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded
Medical devices - Quality management systems - Requirements for regulatory purposes (ISO 13485:2016)

Standardi EN ISO 13485:2016 muudatus

Keel: en, et
Alusdokumendid: EN ISO 13485:2016/A11:2021
Muudab dokumenti: EVS-EN ISO 13485:2016

EVS-EN ISO 13485:2016+A11:2021

Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded
Medical devices - Quality management systems - Requirements for regulatory purposes (ISO 13485:2016)

See rahvusvaheline standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhul kui organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja nendega seotud teenuseid, mis järjekindlalt rahuldavad kliendi nõudeid ja kohalduvaid regulatiivnõudeid. Need organisatsioonid võivad olla tegevad ühes või mitmes meditsiiniseadme elutsükli etapis, sealhulgas meditsiiniseadmete kavandamisel ja arendamisel, tootmises, säilitamisel ja levitamisel, paigaldamisel, hooldamisel või seotud tegevuste (näiteks tehniline toetus) kavandamisel, arendamisel või tarnimisel. Seda rahvusvahelist standardit võivad kasutada ka tarnijad ja välisosapooled, kes pakuvad nendele organisatsioonidele tooteid, sealhulgas ka kvaliteedijuhtimissüsteemiga seotud teenuseid. Selle rahvusvahelise standardi nõuded on kohaldatavad organisatsioonidele vaatamata nende suurusele või tüübile, välja arvatud neil juhtudel, kui see erand on selgelt sätestatud. Kui on määratletud, et mingi nõue rakendub meditsiiniseadmele, siis see nõue rakendub samasuguselt ka seotud teenustele, mida organisatsioon tarnib. Selle rahvusvahelise standardi nõutud protsessid, mis kohalduvad organisatsioonile, kuid mida see organisatsioon ise ei teosta, on organisatsiooni vastutusalas ja neid võetakse arvesse organisatsiooni kvaliteedijuhtimissüsteemis protsesside seire, käigushoidmise ja juhtimise läbi. Kui kohalduvad regulatiivnõuded lubavad teha väljajätteid kavandamise ja tootearenduse juhtimismeetmetest, siis seda asjaolu võib kasutada vastavate nõuete kvaliteedijuhtimissüsteemist väljajätmise põhjendusena. Need regulatiivnõuded võivad pakkuda alternatiivseid lähenemisviise, mida on vaja käsitleda kvaliteedijuhtimissüsteemis. Organisatsiooni kohustus on tagada, et väited vastavuse kohta sellele rahvusvahelisele standardile kajastavad kõiki väljajätteid kavandamise ja tootearendamise käsitlemisel. Juhul kui mõni selle rahvusvahelise standardi peatüki 6, 7 või 8 nõuetest ei ole rakendatav organisatsiooni tegevuse iseloomu tõttu või selle meditsiiniseadme omaduste tõttu, millele kvaliteedisüsteemi rakendatakse, siis organisatsioon ei pea viima sellist nõuet oma kvaliteedijuhtimissüsteemi. Organisatsioon dokumenteerib põhjenduse (vastavalt jaotisele 4.2.2) selle standardi iga nõude puhul, mille puhul on tuvastatud selle mittekohalduvus.

Keel: en, et
Alusdokumendid: ISO 13485:2016; EN ISO 13485:2016; EN ISO 13485:2016/AC:2016; EN ISO 13485:2016/AC:2018; EN ISO 13485:2016/A11:2021
Konsolideerib dokumenti: EVS-EN ISO 13485:2016
Konsolideerib dokumenti: EVS-EN ISO 13485:2016/A11:2021
Konsolideerib dokumenti: EVS-EN ISO 13485:2016/AC:2018

EVS-EN ISO 17664-1:2021

Tervishoiutoodete töötlemine. Meditsiiniseadme tootja esitatav teave meditsiiniseadmete töötlemiseks. Osa 1: Kriitilised ja poolkriitilised meditsiiniseadmed
Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices - Part 1: Critical and semi-critical medical devices (ISO 17664-1:2021)

This document specifies requirements for the information to be provided by the medical device manufacturer for the processing of critical or semi-critical medical devices (i.e. a medical device that enters normally sterile parts of the human body or a medical device that comes into contact with mucous membranes or non-intact skin) or medical devices that are intended to be sterilized. This includes information for processing prior to use or reuse of the medical device. Processing instructions are not defined in this document. Rather, this document specifies requirements to assist manufacturers of medical devices in providing detailed processing instructions that consist of the following activities, where applicable: a) initial treatment at the point of use; b) preparation before cleaning; c) cleaning; d) disinfection; e) drying; f) inspection and maintenance; g) packaging; h) sterilization; i) storage; j) transportation. This document excludes processing of the following: — non-critical medical devices unless they are intended to be sterilized; — textile devices used in patient draping systems or surgical clothing; — medical devices specified by the manufacturer for single use only and supplied ready for use. NOTE See ISO 17664-2:2021, Annex E, for further guidance on the application of the ISO 17664 series to a medical device.

Keel: en
Alusdokumendid: ISO 17664-1:2021; EN ISO 17664-1:2021
Asendab dokumenti: EVS-EN ISO 17664:2017

EVS-EN ISO 6717:2021

In vitro diagnostic medical devices - Single-use containers for the collection of specimens from humans other than blood (ISO 6717:2021)

This standard specifies requirements and test methods for single-use evacuated and non-evacuated receptacles, intended by their manufacturers, for the primary containment and preservation of specimens, other than blood specimens, derived from the

human body, for the purposes of in vitro diagnostic examination. NOTE 1 Requirements and test methods for evacuated and non-evacuated single-use venous blood specimen containers are specified in EN ISO 6710. NOTE 2 While it is desirable that specimen receptacles should be designed to avoid spontaneous discharge of the contents, when being opened, this standard does not specify a test procedure for this because it has not been possible to devise an objective and reproducible test. This standard does not specify requirements for collection needles or needle holders or other accessories used in conjunction with specimen receptacles.

Keel: en
Alusdokumendid: ISO 6717:2021; EN ISO 6717:2021
Asendab dokumenti: EVS-EN 14254:2004

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 60335-1:2012/A15:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1: General requirements

Standardi EN 60335-1:2012 muudatus

Keel: en, et
Alusdokumendid: EN 60335-1:2012/A15:2021
Muudab dokumenti: EVS-EN 60335-1:2012
Muudab dokumenti: EVS-EN 60335-1:2012+A11:2014
Muudab dokumenti: EVS-EN 60335-1:2012+A11+A12
Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017
Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13+A1+A14+A2:2019

EVS-EN 60335-1:2012+A11+A13+A1+A14+A2+A15:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified + IEC 60335-1:2010/A1:2013, modified + COR1:2014 + IEC 60335-1:2010/A2:2016, modified + COR1:2016)

See Euroopa standard käsitleb kodumajapidamises ja kaubanduslikul otstarbel kasutatavate elektriseadmete ohutust, kusjuures seadmete tunnuspinge ei ole ühefaasilise toite korral üle 250 V ega muudel juhtudel üle 480 V. MÄRKUS 1 Selle standardi käsitlusalasse kuuluvad ka patareitoitega ja muud alalisvoolutoitega seadmed. Kaksiktoitega seadmeid, mida toidetakse vooluvõrgust või patareidest, käsitletakse patareimooduse korral patareitoitega seadmetena. MÄRKUS Z1 Kodumajapidamises kasutatavate seadmete hulka kuuluvad nt tüüpiliste majapidamis-funktsioonidega seadmed, mida võivad majapidamisotstarbel kasutada ka mittespetsialistid • kauplustes, kontorites ja muudes taolistes töökeskkondades, • farmihoonetes, • kui kliendid hotellides, motellides ja muudes olmekeskkondades, • ööbimise ja hommikusöögiga majutuskeskkonnas. MÄRKUS Z2 Majapidamiskeskkond hõlmab elamuid ja nendega seotud ehitisi, iluaedasid jne. Selle standardi käsitlusalasse kuuluvad kauplustes, kergetööstuses ja farmides asjatundjate või väljaõpetatud personali poolt kasutamiseks ette nähtud seadmed ja masinad ning tavaisikute poolt teeninduslikuks kasutamiseks ette nähtud seadmed ja masinad. Täiendavad nõuded sellistele seadmetele on esitatud lisas ZE. MÄRKUS 2 Kehtetu. MÄRKUS Z3 Niisuguste seadmete ja masinate hulka kuuluvad nt teeninduslikus kasutamises olevad toitlustusseadmed, puhastusmasinad ning juuksuriseadmed. MÄRKUS Z4 Kriteeriumid, mida rakendatakse standardisarjaga EN 60335 haaratud toodete võtmiseks madalpingedirektiivi või masinadirektiivi käsitlusalasse, on informatsiooniks esitatud lisas ZF. See standard käsitleb mõistlikult ettenähtavaid ohtusid, mida võivad tekitada seadmed ja masinad ning millega võivad kokku puutuda kõik isikud. Standard ei arvesta aga üldjuhul • seadmega mängivaid lapsi, • seadme kasutamist väikelaste (maimikute) poolt, • seadme järelevalveta kasutamist nooremate laste (nt koolieelikute) poolt. Arvestatakse, et ohustatud isikute vajadused võivad olla väljaspool selles standardis eeldatud taset. MÄRKUS 3 Tuleb pöörata tähelepanu asjaolule, et — sõidukites, laevadel või lennukites kasutamiseks ette nähtud seadmete kohta võidakse esitada lisanõuded; — paljudes riikides on riiklike tervishoiu-, töökaitse-, veevarustus- ja muude taoliste ametite poolt sätestatud lisanõudeid. MÄRKUS 4 Seda standardit ei rakendata — eranditult tööstuslikuks otstarbeks ette nähtud seadmete kohta; — seadmete kohta, mis on ette nähtud kasutamiseks kohtades, kus ülekaalus on erikasutusolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aurud või gaas); — audio-, video- ja muudele taolistele elektroonikaaparaatidele (IEC 60065); — meditsiiniseadmetele (IEC 60601); — mootoriga käitatavatele elektrilistele käsitööriistadele (IEC 60745); — personalarvutitele ja muudele taolistele seadmetele (IEC 60950-1); — transporditavatele mootoriga käitatavatele elektrilistele tööriistadele (IEC 61029).

Keel: en, et
Alusdokumendid: IEC 60335-1:2010; EN 60335-1:2012; EN 60335-1:2012/A11:2014; EN 60335-1:2012/A1:2019; EN 60335-1:2012/A14:2019; EN 60335-1:2012/A2:2019; IEC 60335-1:2010/AMD1:2013; IEC 60335-1:2010/AMD1:2013/COR1:2014; EN 60335-1:2012/A13:2017; IEC 60335-1:2010/AMD2:2016/COR1:2016; IEC 60335-1:2010/AMD2:2016; EN 60335-1:2012/A14:2019; EN 60335-1:2012/A15:2021
Konsolideerib dokumenti: EVS-EN 60335-1:2012
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A1:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A11:2014
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A13:2017
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A14:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A15:2021
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A2:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/AC:2014

EVS-EN ISO 17892-12:2018/A1:2021

Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 1 (ISO 17892-12:2018/Amd 1:2021)

This document specifies methods for the determination of the liquid and plastic limits of a soil. These comprise two of the Atterberg limits for soils. The liquid limit is the water content at which a soil changes from the liquid to the plastic state. This document describes the determination of the liquid limit of a specimen of natural soil, or of a specimen of soil from which material larger than about 0,4 mm has been removed. This document describes two methods: the fall cone method and the Casagrande method. NOTE The fall cone method in this document should not be confused with that of ISO 17892-6. The plastic limit of a soil is the water content at which a soil ceases to be plastic when dried further. The determination of the plastic limit is normally made in conjunction with the determination of the liquid limit. It is recognized that the results of the test are subject to the judgement of the operator, and that some variability in results will occur.

Keel: en
Alusdokumendid: ISO 17892-12:2018/Amd 1:2021; EN ISO 17892-12:2018/A1:2021
Muudab dokumenti: EVS-EN ISO 17892-12:2018

19 KATSETAMINE

EVS-EN 16602-70-15:2021

Space product assurance - Non-destructive testing

This standard specifies NDI requirements for flight parts, components and structures used for space missions. It covers the NDI methods and stipulates the certification levels for personnel. The qualification of such processes are also specified for non-standard NDI techniques or where complex components are concerned. This standard also identifies the best practice across the large range of international and national standards. Visual inspection included in this standard is not intended to include incoming inspection of, for example, raw materials, damage during transport, storage and handling and parts procurement verification. The minimum requirements for NDI documentation are specified in the DRDs of the Annexes. This standard does not cover the acceptance criteria of components, structures and parts submitted to this examination; it is expected that these criteria are identified on specific program application documentation. This Standard does not apply to EEE components. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-15C; EN 16602-70-15:2021

EVS-EN IEC 60068-2-21:2021

Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices

IEC 60068-2-21:2021 is applicable to all electrical and electronic components whose terminations or integral mounting devices are liable to be submitted to stresses during normal assembly or handling operations and is also applicable to surface mount devices (SMDs). This seventh edition cancels and replaces the sixth edition, published in 2006, and IEC 60068-2-77:1999. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - integration of parts of IEC 60068-2-77 (see Annex X); IEC 60068-2-77 is withdrawn with the publication of this document; - Annex X is added to show the correlation of the clauses and subclauses in this edition of IEC 60068-2-21 with the clauses in IEC 60068-2-21:2006 and IEC 60068-2-77:1999.

Keel: en
Alusdokumendid: IEC 60068-2-21:2021; EN IEC 60068-2-21:2021
Asendab dokumenti: EVS-EN 60068-2-21:2006
Asendab dokumenti: EVS-EN 60068-2-77:2002

EVS-EN IEC 61010-2-051:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-051: Erinõuded laboratoorsetele segamisseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

IEC 61010-2-051:2018 is applicable to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices can contain heating elements. It has the status of a group safety publication in accordance with IEC Guide 104. This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - adaptation of changes introduced by Amendment 1 of IEC 61010-1; - added tolerance for stability of AC voltage test equipment to Clause 6; - added required assessment for equipment intended to be used with flammable, hazardous, or toxic fluids to Clause 17. This Part 2-051 is intended to be used in conjunction with IEC 61010-1. It was established on the basis of the third edition (2010) and its Amendment 1 (2016).

Keel: en
Alusdokumendid: IEC 61010-2-051:2018; EN IEC 61010-2-051:2021
Asendab dokumenti: EVS-EN 61010-2-051:2015

EVS-EN IEC 61010-2-051:2021/A11:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-051: Erinõuded laboratoorsetele segamisseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

1 Scope and object This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text, except the first paragraph, with the following new text: This part of IEC 61010 is applicable to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices can contain heating elements. NOTE If all or part of the equipment falls within the scope of one or more other Part 2 standards of the IEC 61010 series as well as within the scope of this document, consideration is given to those other Part 2 standards. The standard for equipment which contains heating devices is IEC 61010-2-010.

Keel: en
Alusdokumendid: EN IEC 61010-2-051:2021/A11:2021
Muudab dokumenti: EVS-EN IEC 61010-2-051:2021

EVS-EN IEC 61010-2-061:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-061: Erinõuded laboratoorsetele termilisel atomiseerimisel ja ioniseerimisel põhinevatele aatomspektromeetritele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

IEC 61010-2-061:2018 applies to electrically powered laboratory atomic spectro-meters with thermal atomization. It has the status of a group safety publication in accordance with IEC Guide 104. This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - adaptation of changes introduced by Amendment 1 of IEC 61010-1; - added tolerance for stability of AC voltage test equipment to Clause 6; - added requirement for interlock systems containing electric/electronic or programmable components to Clause 15.

Keel: en
Alusdokumendid: IEC 61010-2-061:2018; EN IEC 61010-2-061:2021
Asendab dokumenti: EVS-EN 61010-2-061:2015

EVS-EN IEC 61010-2-061:2021/A11:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-061: Erinõuded laboratoorsetele termilisel atomiseerimisel ja ioniseerimisel põhinevatele aatomspektromeetritele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

Amendment to EN IEC 61010-2-061:2021

Keel: en
Alusdokumendid: EN IEC 61010-2-061:2021/A11:2021
Muudab dokumenti: EVS-EN IEC 61010-2-061:2021

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

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

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

This document specifies mechanical and physical properties of flat washers, designed to be used in bolted joints in combination with bolts, screws, studs and nuts with a specified property class in accordance with ISO 898-1 and ISO 898-2. NOTE 1 These types of washers can also be used with other fasteners such as screws forming their own mating thread. Washers that conform to the requirements of this document are evaluated at an ambient temperature range of 10 °C to 35 °C. They might not retain the specified mechanical and physical properties at elevated temperatures and/or lower temperatures. NOTE 2 Washers conforming to the requirements of this document are used in applications ranging from −50 °C to +150 °C. Users are advised to consult an experienced fastener expert for temperatures outside this range and up to a maximum temperature of +300 °C when determining appropriate choices, or for critical applications. This document is applicable to the following flat captive and non-captive washers made of carbon steel or alloy steel, with thickness from 0,2 mm to 12 mm: — plain washers (with or without knurls, ribs or chamfers); — square washers; — square hole washers; — shaped plates. It does not specify requirements for the following properties: — corrosion resistance; — weldability.

Keel: en
Alusdokumendid: ISO 898-3:2018; EN ISO 898-3:2018; ISO 898-3:2018/Amd 1:2020; EN ISO 898-3:2018/A1:2021
Konsolideerib dokumenti: EVS-EN ISO 898-3:2018
Konsolideerib dokumenti: EVS-EN ISO 898-3:2018/A1:2021

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13611:2019/AC:2021

Gaasi- ja/või vedelkütuste põletite ja tarvitite ohutus- ja juhtseadmed. Üldnõuded
Safety and control devices for burners and appliances burning gaseous and/or liquid fuels - General requirements

Standardi EN 13611:2019 parandus

Keel: en
Alusdokumendid: EN 13611:2019/AC:2021
Parandab dokumenti: EVS-EN 13611:2019

EVS-EN 17415-2:2021

District cooling pipes - Bonded single pipe systems for directly buried cold water networks - Part 2: Factory made fitting assemblies of steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene

This document specifies requirements, design and test methods for factory made thermally insulated bonded fitting assemblies for directly buried district cooling distribution systems, comprising a service fitting from DN 15 to DN 1200, rigid polyurethane foam insulation and a casing of polyethylene. The fitting assembly can also include the following additional elements: measuring wires, spacers and diffusion barriers. This document covers the following fitting assemblies: bend, tee, reducer, cap and anchor. This document applies only to insulated fitting assemblies, for continuous operation with water at various temperatures (1 to 30) °C and a maximum operation pressure of 25 bar. The design is based on an expected service life with continuous operation of a minimum 50 years. NOTE An expected service life of 50 years presupposes that treated water is used.

Keel: en
Alusdokumendid: EN 17415-2:2021

EVS-EN 17415-3:2021

District cooling pipes - Bonded single pipe systems for directly buried cold water networks - Part 3: Factory made steel valve assembly for steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene

This document specifies requirements, design and test methods for factory made thermally insulated bonded valve assemblies for directly buried district cooling distribution systems, comprising a steel valve from DN 15 to DN 1200, rigid polyurethane foam insulation and a casing of polyethylene. The valve assembly can also include the following additional elements: measuring wires, spacers and diffusion barriers. This document applies only to insulated valve assemblies, for continuous operation with water at various temperatures (1 to 30) °C and a maximum operation pressure of 25 bar. The design is based on an expected service life with continuous operation of a minimum 50 years. NOTE An expected service life of 50 years presupposes that treated water is used.

Keel: en
Alusdokumendid: EN 17415-3:2021

EVS-EN ISO 18119:2018+A1:2021

Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing (ISO 18119:2018 + ISO 18119:2018/Amd 1:2021)

This document specifies the requirements for periodic inspection and testing to verify the integrity of cylinders and tubes to be re-introduced into service for a further period of time. This document is applicable to seamless steel and seamless aluminium-alloy transportable gas cylinders (single or those that comprise a bundle) intended for compressed and liquefied gases under pressure, of water capacity from 0,5 l up to 150 l and to seamless steel and seamless aluminium-alloy transportable gas tubes (single or those that comprise a bundle) intended for compressed and liquefied gases under pressure, of water capacity greater than 150 l. It also applies, as far as practical, to cylinders of less than 0,5 l water capacity. This document does not apply to the periodic inspection and maintenance of acetylene cylinders or to the periodic inspection and testing of composite cylinders. NOTE Unless noted by exception, the use of the word “cylinder” in this document refers to both cylinders and tubes.

Keel: en
Alusdokumendid: ISO 18119:2018; EN ISO 18119:2018; ISO 18119:2018/Amd 1:2021; EN ISO 18119:2018/A1:2021
Konsolideerib dokumenti: EVS-EN ISO 18119:2018
Konsolideerib dokumenti: EVS-EN ISO 18119:2018/A1:2021

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 7668:2021

Anodizing of aluminium and its alloys - Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20°, 45°, 60° or 85° (ISO 7668:2021)

This document specifies methods for the measurement of specular reflectance and specular gloss of flat samples of anodized aluminium using geometries of 20° (Method A), 45° (Method B), 60° (Method C) and 85° (Method D) and of specular reflectance by an additional 45° method (Method E) employing a narrow acceptance angle. The methods described are intended mainly for use with clear anodized surfaces. They can be used with colour-anodized aluminium, but only with similar colours.

Keel: en
Alusdokumendid: ISO 7668:2021; EN ISO 7668:2021
Asendab dokumenti: EVS-EN ISO 7668:2018

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 1397:2021

Soojusvahetid. Veepõhised ruumi puhurkonvektorid. Tehniliste näitajate testimise protseduurid
Heat exchangers - Hydronic room fan coil units - Test procedures for establishing the performance

This European Standard applies to hydronic fan coil units (FCU) as factory-made single assemblies which provide the functions of cooling and/or heating but do not include the source of cooling or heating. The standard covers both air free delivery and air ducted units with a maximum external static pressure due to duct resistance of 120 Pa max. The standard applies to all types of fan speed control of a fan coil unit (variable speed, multispeed). This standard deals with the cooling and heating functions of the FCU considered as an emitter for cooling/heating of a room/space. It does not cover any ventilation function of the unit. If the FCU can also provide fresh air, this function is not considered and the fresh air inlet closed during testing. This European Standard provides a method for the determination of the thermal performance of fan coil units in standard conditions, for the use with hot or chilled water or water mixtures. The test procedures given in this standard may additionally be used for determining performance at other conditions. It also provides the method for the determination of the air flow rate supplied by the fan coil unit. The standard does not cover the rating of heating or cooling from direct expansion coils or heating from electric resistance elements. The standard does not cover acoustic performance of fan coil units which is dealt with in EN 16583. It is not the purpose of this standard to specify the tests used for production or field testing. NOTE For the purpose of remaining clauses, the term “unit” is used to mean “fan coil unit” as defined in 3.1.

Keel: en
Alusdokumendid: EN 1397:2021
Asendab dokumenti: EVS-EN 1397:2015
Asendab dokumenti: EVS-EN 1397:2015/AC:2016

EVS-EN 50524:2021

Data sheet for photovoltaic inverters

This document describes data sheet information for photovoltaic inverters in grid parallel operation. The intent of this document is to provide minimum information required to configure a safe and optimal system with photovoltaic inverters. In this context, data sheet information is a technical description separate from the photovoltaic inverter. NOTE The name plate is a sign of durable construction at or in the photovoltaic inverter. Its content can be found in an earlier version of this standard. For the sake of unique definition, it is sufficient defined in EN 62109-1 and EN 62109-2.

Keel: en
Alusdokumendid: EN 50524:2021
Asendab dokumenti: EVS-EN 50524:2009

29 ELEKTROTEHNIKA

EVS-EN 50708-2-5:2021

Jõutrafod. Täiendavad Euroopa nõuded. Osa 2-5: Keskmised jõutrafod. Ühefaasilised
Power transformers - Additional European requirements - Part 2-5: Medium power transformer - Single phase

Selle dokumendi käsitlusalas on määratleda ühefaasiliste vedeliktäitega keskmiste jõutrafode energiatõhusus standardi EN 50708-1-1:2020 kohaselt.

Keel: en, et
Alusdokumendid: EN 50708-2-5:2021

EVS-EN 62133-2:2017/A1:2021

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems

Amendment for EN 62133-2:2017

Keel: en
Alusdokumendid: EN 62133-2:2017/A1:2021; IEC 62133-2:2017/A1:2021
Muudab dokumenti: EVS-EN 62133-2:2017

EVS-EN IEC 60152:2021

Designation of phase differences by hour numbers in three-phase AC systems

This document specifies methods and rules for the designation of phase difference between two items in a three-phase AC system. The designations are intended to be applied in the technical documentation of industrial installations, equipment, and products, and also on markings of equipment and products.

Keel: en
Alusdokumendid: EN IEC 60152:2021; IEC 60152:2021

EVS-EN IEC 61316:2021

Tööstuslikud kaablirullid
Industrial cable reels

IEC 61316:2021 applies to cable reels provided with a non-detachable flexible cable with a rated operating voltage not exceeding 690 V DC and/or 690 V AC with a frequency not exceeding 500 Hz and a rated current not exceeding 63 A, primarily intended for industrial use, either indoors or outdoors, for use with accessories complying with IEC 60309-1, IEC 60309-2 or IEC 60309-4. This third edition cancels and replaces the second edition, published in 1999. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - Implementation of the latest tests and requirements previously included in IEC 60309-1.

Keel: en
Alusdokumendid: IEC 61316:2021; EN IEC 61316:2021
Asendab dokumenti: EVS-EN 61316:2001

EVS-EN IEC 62271-112:2021

High-voltage switchgear and controlgear - Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines

This part of IEC 62271 applies to AC high-speed earthing switches(hereafter termed HSES) designed for indoor and outdoor installation and for operation at service frequencies of 50 Hz and 60 Hz on systems having voltages of 550 kV and above. HSESs described in this document are intended to extinguish the secondary arc remaining after clearing faults on transmission lines by the circuit-breakers. For more detailed information on HSESs, refer to Annex A.

Keel: en
Alusdokumendid: IEC 62271-112:2021; EN IEC 62271-112:2021
Asendab dokumenti: EVS-EN 62271-112:2013

31 ELEKTROONIKA

EVS-EN IEC 60068-2-21:2021

Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices

IEC 60068-2-21:2021 is applicable to all electrical and electronic components whose terminations or integral mounting devices are liable to be submitted to stresses during normal assembly or handling operations and is also applicable to surface mount devices (SMDs). This seventh edition cancels and replaces the sixth edition, published in 2006, and IEC 60068-2-77:1999. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - integration of parts of IEC 60068-2-77 (see Annex X); IEC 60068-2-77 is withdrawn with the publication of this document; - Annex X is added to show the correlation of the clauses and subclauses in this edition of IEC 60068-2-21 with the clauses in IEC 60068-2-21:2006 and IEC 60068-2-77:1999.

Keel: en
Alusdokumendid: IEC 60068-2-21:2021; EN IEC 60068-2-21:2021
Asendab dokumenti: EVS-EN 60068-2-21:2006
Asendab dokumenti: EVS-EN 60068-2-77:2002

EVS-EN IEC 60384-24:2021

Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte

This part of IEC 60384 applies to fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte primarily intended for DC applications for use in electronic equipment. Fixed tantalum electrolytic surface mount capacitors with solid (MnO2) electrolyte are not included but are covered by IEC 60384-3. These capacitors are primarily intended for use in electronic equipment to be mounted directly on substrates for hybrid circuits or to printed boards. Capacitors for special-purpose applications may need additional requirements. The object of this document is to prescribe preferred ratings and characteristics and to select from IEC 60384-1:2016 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification shall be of equal or higher performance level, because lower performance levels are not permitted.

Keel: en
Alusdokumendid: IEC 60384-24:2021; EN IEC 60384-24:2021
Asendab dokumenti: EVS-EN 60384-24:2015
Asendab dokumenti: EVS-EN 60384-24:2015/AC:2017

EVS-EN IEC 60384-25:2021

Fixed capacitors for use in electronic equipment - Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte

This part of IEC 60384 applies to fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte, primarily intended for DC applications for use in electronic equipment. Fixed aluminium electrolytic surface mount capacitors

with solid (MnO2) are not included but are covered by IEC 60384-18. These capacitors are primarily intended for use in electronic equipment to be mounted directly on substrates for hybrid circuits or to printed boards. Capacitors for special-purpose applications may need additional requirements. The object of this document is to prescribe preferred ratings and characteristics and to select from IEC 60384-1:2016, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification shall be of equal or higher performance level, because lower performance levels are not permitted.

Keel: en
Alusdokumendid: IEC 60384-25:2021; EN IEC 60384-25:2021
Asendab dokumenti: EVS-EN 60384-25:2015

EVS-EN IEC 61760-2:2021

Surface mounting technology - Part 2: Transportation and storage conditions of surface mounting devices (SMD) - Application guide

This International Standard describes the transportation and storage conditions for surface mounting devices (SMDs) that are fulfilled in order to enable trouble-free processing of surface mounting devices, both active and passive. (Conditions for printed boards are not taken into consideration.) The object of this standard is to ensure that users of SMDs receive and store products tha can be further processed (e.g. positioned, soldered) without prejudice to quality and reliability. Improper transportation and storage of SMDs may cause deterioration and result in assembly problems such as poor solderability, delamination and "popcorning".

Keel: en
Alusdokumendid: IEC 61760-2:2021; EN IEC 61760-2:2021
Asendab dokumenti: EVS-EN 61760-2:2007

33 SIDETEHNIKA

EVS-EN 302 326-2 V2.1.1:2021

Paiksed raadiosidesüsteemid; Mitmikpunktside seadmed ja antennid; Osa 2. Raadiospektrile juurdepääsu harmoneeritud standard
Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements applicable to equipment used in MultiPoint (MP) Digital Fixed Radio Systems (DFRS) (see note 2) designed for use in the following sub-ranges (see note 3): • 30 MHz to 1 GHz. • 1 GHz to 3 GHz. • 3 GHz to 11 GHz. • 24,25 GHz to 29,5 GHz. • 31,0 GHz to 33,4 GHz. • 40,5 GHz to 43,5 GHz. NOTE 1: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A. The present document is applicable to multipoint radio system equipment using any arbitrary access method. It applies to all equipment composing the MP systems, i.e. to Central Station (CS), Terminal Station (TS) and Repeater Station (RS). Time Division Duplex (TDD) or Frequency Division Duplex (FDD or H-FDD) can be used on an equivalent basis. Systems implementing an actual FH-CDMA access method with hopping period exceeding 400 ms are not considered within the scope of the present document. NOTE 2: Applications intended for offering in the bands 3,4 GHz to 3,8 GHz the option of Nomadic Wireless Access (NWA), according to the NWA definition in Recommendation ITU-R F.1399, are also considered in the scope of the present document. NOTE 3: For more information on the applicable frequency bands, refer to Annex F.

Keel: en
Alusdokumendid: ETSI EN 302 326-2 V2.1.1

EVS-EN 302 326-3 V2.1.1:2021

Fixed Radio Systems; Multipoint Equipment and Antennas; Part 3: Multipoint Antennas

1.1 General The present document is applicable to antennas (were it stand-alone, dedicated or integral antennas according the definitions in clause 3.1) used in Multipoint (MP) Digital Fixed Radio Systems (DFRS) (see note 1) intended for use in the frequency bands identified in ETSI EN 302 326-2. NOTE 1: Applications intended for offering in the bands 3,4 GHz to 3,8 GHz the option of Nomadic Wireless Access (NWA), according to the NWA definition in Recommendation ITU-R F.1399 [i.3], are also considered in the scope of the present document. For Multipoint Fixed Radio Systems, antenna characteristics are not considered relevant to essential requirements under article 3.2 of Directive 2014/53/EU (see note 2). Antenna characteristics in the present document are considered applicable whenever they are considered appropriate for the associated multipoint radio system. NOTE 2: Rationale can be found in ETSI TR 101 506. 1.2 Antenna types and operating frequency The present document is applicable to multipoint radio system antennas of both linear (single or dual) polarization and circular (single or dual) polarization. Linear polarization antennas may support either or both of two mutually perpendicular planes of polarization. These planes are frequently, though not always, horizontal and vertical. Circular polarization antennas may support either right hand or left hand polarization or, for dual polarization, both. The RPE directional characteristics and polarization characteristics (co-polar and cross-polar and for either linear or circular polarized antennas) impact on the interference to be considered in network planning. A number of antenna options are defined in the present document. Table 1 outlines the multipoint antenna types and their operating frequencies described in the present document. NOTE: Antenna characteristics are not standardized at frequencies below 1 GHz. Table 1: Antenna Types Frequency Range (see note); Types; Polarization; Notes; 1 GHz to 3 GHz; Directional/Sectored single beam/ Omnidirectional; Linear; The sectored and omnidirectional antennas may have a symmetric or asymmetric radiation pattern in the elevation plane. 3 GHz to 5,9 GHz, 5,9 GHz to 8,5 GHz and 8,5 GHz to 11 GHz; Directional/Sectored single beam/Sectored multi-beam (up to 5,9 GHz only)/Omnidirectional; Linear; The sectored single and omnidirectional antennas may have a symmetric or asymmetric radiation pattern in the elevation plane. The sectored multibeam antennas have a symmetric radiation pattern only. 1 GHz to 11 GHz; Directional/Sectored single

beam/Omnidirectional; Circular; The sectored and omnidirectional antennas may have a symmetric or asymmetric radiation pattern in the elevation plane. 24,25 GHz to 30 GHz; Directional/Sectored single beam; Linear; 30 GHz to 40,5 GHz and 40,5 GHZ to 43,5 GHz; Directional/Sectored single beam/Omnidirectional; Linear; The omnidirectional antennas may have a symmetric or asymmetric radiation pattern in the elevation plane. NOTE: Attention is drawn to the fact that the specific operating bands are subject of CEPT or national licensing rules. Currently applicable Fixed Service bands and channel plans are described in ETSI EN 302 326-2, although the applicability of these Fixed Service bands is at the discretion of the national administrations. Therefore, the present document applies only to those bands which are allocated to the Fixed Service and/or assigned by national regulations to MP applications on the date on which the EN was published. 1.3 Profiles The present document and associated ETSI EN 302 326-2 for equipment and systems allows many distinct types of equipment, several different antenna types and several ways in which they might be interconnected to form a network. However, the applicability is limited to certain combinations of attributes and these combinations of attributes are called "profiles": • Equipment profiles. • Antenna profiles. • System profiles. Annex A discusses Equipment, Antennas and Sytem Profiles for multipoint systems in the scope of this multi-part deliverable.

Keel: en
Alusdokumendid: ETSI EN 302 326-3 V2.1.1

EVS-EN 61000-4-30:2015/A1:2021

Elektromagnetiline ühilduvus. Osa 4-30: Katsetus- ja mõõtetehnika. Elektrikvaliteedi mõõtemeetodid
Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods (IEC 61000-4-30:2015/A1:2021)

Standardi EVS-EN 61000-4-30:2015 muudatus.

Keel: en, et
Alusdokumendid: IEC 61000-4-30:2015/A1:2021; EN 61000-4-30:2015/A1:2021
Muudab dokumenti: EVS-EN 61000-4-30:2015

EVS-EN 61000-4-30:2015+A1:2021

Elektromagnetiline ühilduvus. Osa 4-30: Katsetus- ja mõõtetehnika. Elektrikvaliteedi mõõtemeetodid
Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods (IEC 61000-4-30:2015 + IEC 61000-4-30:2015/A1:2021)

See standardi IEC 61000-4 osa määratleb elektrikvaliteedi parameetrite mõõtemeetodid ja tulemuste interpretatsiooni vahelduvvoolu elektrivarustussüsteemides määratletud põhisagedusel 50 Hz või 60 Hz. Mõõtemeetodid on kirjeldatud igale asjakohasele parameetrile kujul, mis kindlustab usaldusväärsed ja korratavad tulemused, olenemata meetodi teostusest. See standard käsitleb mõõtemeetodeid välitingimustes. Selle standardiga hõlmatud parameetrite mõõtmine piirdub elektrivarustussüsteemi juhtivuslike nähtustega. Standardis esitatud toitepinge kvaliteedi parameetriteks on võrgusagedus, toitepinge tase, värelus, toitepinge lohud ja muhud, pingekatkestused, transientpinged, toitepinge ebasümmeetria, pingeharmoonilised ja pinge vaheharmoonilised, toitepingele pealdatud võrgu signaalpinged, kiired pingemuutused ja voolu mõõtmised. Lisas C (teatmelisa) on vaadeldud emissiooni sagedusvahemikus 2 kHz kuni 150 kHz ja üle- ning alahälbed on esitatud lisas D (teatmelisa) Olenevalt mõõtmise otstarbest võib mõõta kõiki või osa loetletud nähtudest. MÄRKUS 1 Vastavushindamise katsemeetodeid võib leida standardist IEC 62586-2. MÄRKUS 2 Elektrisüsteemi ja mõõturi vahele paigaldatud muundurite mõju on üldteada ning see standard ei käsitle nende üksikasju. Juhiseid muundurite mõjust võib leida tehnilisest aruandest IEC TR 61869-103.

Keel: en, et
Alusdokumendid: IEC 61000-4-30:2015; EN 61000-4-30:2015; IEC 61000-4-30:2015/COR1:2016; EN 61000-4-30:2015/AC:2017-01; IEC 61000-4-30:2015/A1:2021; EN 61000-4-30:2015/A1:2021
Konsolideerib dokumenti: EVS-EN 61000-4-30:2015
Konsolideerib dokumenti: EVS-EN 61000-4-30:2015/A1:2021
Konsolideerib dokumenti: EVS-EN 61000-4-30:2015/AC:2017

EVS-EN IEC 62153-4-7:2021

Metallic cables and other passive components test methods - Part 4-7: Electromagnetic compatibility (EMC) -Test method for measuring of transfer impedance ZT and screening attenuation aS or coupling attenuation aC of connectors and assemblies - Triaxial tube in tube method

This part of IEC 62153 deals with the triaxial tube in tube method. This triaxial method is suitable to determine the surface transfer impedance and/or screening attenuation and coupling attenuation of mated screened connectors (including the connection between cable and connector) and cable assemblies. This method could also be extended to determine the transfer impedance, coupling or screening attenuation of balanced or multipin connectors and multicore cable assemblies. For the measurement of transfer impedance and screening- or coupling attenuation, only one test set-up is needed.

Keel: en
Alusdokumendid: EN IEC 62153-4-7:2021; IEC 62153-4-7:2021
Asendab dokumenti: EVS-EN 62153-4-7:2016
Asendab dokumenti: EVS-EN 62153-4-7:2016/A1:2018
Asendab dokumenti: EVS-EN 62153-4-7:2016/AC:2016

35 INFOTEHNOLOOGIA

EVS-EN 14908-8:2021

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 8: Communication using Broadband over Power Line Networks - with internet protocols

This document specifies a communication protocol for networked control systems. The protocol provides peer-to-peer communication for networked control using web-services. This document describes services in layer 1 and layer 2. The layer 1 (physical layer) specification describes the MAC sub-layer interface to the physical layer. The layer 2 (data link layer), as described in EN 14908-1, is integrated in UDP/IP communication using IPv4 and IPv6 protocols.

Keel: en
Alusdokumendid: EN 14908-8:2021

EVS-EN 14908-9:2021

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 9: Wireless Communication in ISM bands

This document specifies an adaptation layer for the control network protocol (CNP), as described in EN 14908-1 to utilize wireless communication network. This document defines the services of the wireless communication provided to CNP layer for delivering data and commands towards and from sensors, actuators, etc. which are wirelessly connected as part of the EN 14908-1 network. In addition, this document defines the requirements for the radio communication applicable for CNP layer operation. For the radio communication different frequency bands can be utilized. Annex A defines requirement for operation in different frequency bands.

Keel: en
Alusdokumendid: EN 14908-9:2021

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16602-70-15:2021

Space product assurance - Non-destructive testing

This standard specifies NDI requirements for flight parts, components and structures used for space missions. It covers the NDI methods and stipulates the certification levels for personnel. The qualification of such processes are also specified for non-standard NDI techniques or where complex components are concerned. This standard also identifies the best practice across the large range of international and national standards. Visual inspection included in this standard is not intended to include incoming inspection of, for example, raw materials, damage during transport, storage and handling and parts procurement verification. The minimum requirements for NDI documentation are specified in the DRDs of the Annexes. This standard does not cover the acceptance criteria of components, structures and parts submitted to this examination; it is expected that these criteria are identified on specific program application documentation. This Standard does not apply to EEE components. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-15C; EN 16602-70-15:2021

EVS-EN 16603-10-04:2021

Space engineering - Space environment

This standard applies to all product types which exist or operate in space and defines the natural environment for all space regimes. It also defines general models and rules for determining the local induced environment. Project-specific or project-class-specific acceptance criteria, analysis methods or procedures are not defined. The natural space environment of a given item is that set of environmental conditions defined by the external physical world for the given mission (e.g. atmosphere, meteoroids and energetic particle radiation). The induced space environment is that set of environmental conditions created or modified by the presence or operation of the item and its mission (e.g. contamination, secondary radiations and spacecraft charging). The space environment also contains elements which are induced by the execution of other space activities (e.g. debris and contamination). This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-10-04C Rev.1; EN 16603-10-04:2021
Asendab dokumenti: EVS-EN 16603-10-04:2015

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 12447:2021

Geotextiles and geotextile-related products - Screening test method for determining the resistance to hydrolysis in water

This document specifies a screening test method for determining the resistance of geotextiles and geotextile-related products to hydrolysis by exposing test specimens to water at elevated temperatures, followed by an evaluation of the changes in properties resulting from such exposure. It is intended as a means of establishing a minimum acceptable level of durability. The tests described in this document do not allow the determination of reduction factors. The tests described in this document are

screening tests to show the ability of a product to serve for a certain time. The reference strength and retained strength of products investigated in this document need to be determined in the same way in accordance with EN 12226. The test is applicable to any geotextile and geotextile-related product susceptible to hydrolysis, in particular polyester and polyamide based materials, and in addition to the yarns from which these geotextiles are made. This method is not intended for determining the resistance of geotextiles to hydrolysis under highly acid or alkaline conditions. NOTE Performance tests to predict long-term lifetime or to compare products of different polymers or of similar polymers with differing structures can be based on the same method but with a wider range of temperatures and durations.

Keel: en
Alusdokumendid: EN 12447:2021
Asendab dokumenti: EVS-EN 12447:2002

EVS-EN ISO 10874:2012+A1:2021

Elastsed, tekstiil- ja laminaatpõrandakatted. Klassifikatsioon
Resilient, textile and laminate floor coverings - Classification (ISO 10874:2009 + ISO 10874:2009/Amd 1:2020)

Selles rahvusvahelises standardis esitatakse elastsete, tekstiil- ja laminaatpõrandakatete klassifikatsioon. See klassifikatsioon tugineb kasutuskoha ning kasutussageduse praktilistele nõuetele, samuti on see seotud asjakohases rahvusvahelises standardis iga põrandakattetüübi jaoks spetsifitseeritud nõuetega. See rahvusvaheline standard on kavandatud juhendiks tootjatele, spetsifitseerijatele ja tarbijatele, võimaldades neil valida asjakohase klassi põrandakatte, mis sobib eri ruumide eri kasutuskohtadesse. MÄRKUS Põrandakatete kulumist ja välimust mõjutavad paigaldus- ja hooldusstandardid, aluspõranda seisukord ja kasutusviis (jalatsitüüp, lokaliseeritud liikluse kõrge kontsentratsioon jne). Need tegurid on mõeldud selle klassifitseerimissüsteemi kasutamisel arvesse võtmiseks.

Keel: en, et
Alusdokumendid: ISO 10874:2009/Amd 1:2020; EN ISO 10874:2012/A1:2020; EN ISO 10874:2012; ISO 10874:2009
Konsolideerib dokumenti: EVS-EN ISO 10874:2012
Konsolideerib dokumenti: EVS-EN ISO 10874:2012/A1:2021

EVS-EN ISO 30023:2021

Textiles - Qualification symbols for labelling workwear to be industrially laundered (ISO 30023:2021)

This document — establishes a system of graphical symbols, intended for use in the marking of workwear articles and protective clothing providing information on the suitability for professional industrial laundering using ISO 15797, and — specifies the use of these symbols in qualifying garments as potentially suitable for industrial laundering. The following professional industrial laundering treatments are covered: washing, bleaching, tunnel finishing and tumble drying after washing. Textile-care treatments in dry and wet cleaning are covered in ISO 3175 (all parts). This document applies to articles of workwear and protective clothing in the form in which they are supplied to the professional launderer.

Keel: en
Alusdokumendid: ISO 30023:2021; EN ISO 30023:2021
Asendab dokumenti: EVS-EN ISO 30023:2012

EVS-EN ISO 5470-2:2021

Rubber- or plastics-coated fabrics - Determination of abrasion resistance - Part 2: Martindale abrader (ISO 5470-2:2021)

This document specifies two separate methods for determining the resistance of a material to wet and dry abrasion. It is applicable to the coated surface or surfaces of coated fabrics. It does not apply to determining the abrasion behaviour of an uncoated surface of a coated fabric, for which the methods for uncoated textiles described in the ISO 12947 series apply.

Keel: en
Alusdokumendid: ISO 5470-2:2021; EN ISO 5470-2:2021
Asendab dokumenti: EVS-EN ISO 5470-2:2004

65 PÕLLUMAJANDUS

EVS-EN IEC 60335-2-87:2020/A1:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-87: Erinõuded elektrilistele loomauimastamisseadmetele
Household and similar electrical appliances - Safety - Part 2-87: Particular requirements for electrical animal-stunning equipment

This European Standard Deals with the safety of electric animal-stunning equipment, These are for industrial or commercial use, on farms or in areas where they may be a source of danger to the public. The standard covers manual, semi-automatic and automatic equipment

Keel: en
Alusdokumendid: IEC 60335-2-87:2016/A1:2018; EN IEC 60335-2-87:2020/A1:2021
Muudab dokumenti: EVS-EN IEC 60335-2-87:2020

71 KEEMILINE TEHNOLOOGIA

EVS-EN 12353:2021

Chemical disinfectants and antiseptics - Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity

This document specifies methods for keeping test organisms used and defined in European Standards for the determination of bactericidal (incl. Legionella pneumophila), mycobactericidal, sporicidal, fungicidal and virucidal (incl. bacteriophages) activity of chemical disinfectants and antiseptics drawn up by CEN/TC 216. These methods for keeping test organisms can only be carried out in connection with at least one of those standards where a reference to this document is established. NOTE 1 Annex A (informative) contains a non-exhaustive list of test organisms for which this document can be applied. NOTE 2 European Standards (EN) where this document is referenced are listed in the Bibliography. NOTE 3 A specific description on the preservation of bacterial spores could be added once the results of the ongoing ring trials are available.

Keel: en
Alusdokumendid: EN 12353:2021
Asendab dokumenti: EVS-EN 12353:2013

EVS-EN IEC 61010-2-051:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-051: Erinõuded laboratoorsetele segamisseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

IEC 61010-2-051:2018 is applicable to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices can contain heating elements. It has the status of a group safety publication in accordance with IEC Guide 104. This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - adaptation of changes introduced by Amendment 1 of IEC 61010-1; - added tolerance for stability of AC voltage test equipment to Clause 6; - added required assessment for equipment intended to be used with flammable, hazardous, or toxic fluids to Clause 17. This Part 2-051 is intended to be used in conjunction with IEC 61010-1. It was established on the basis of the third edition (2010) and its Amendment 1 (2016).

Keel: en
Alusdokumendid: IEC 61010-2-051:2018; EN IEC 61010-2-051:2021
Asendab dokumenti: EVS-EN 61010-2-051:2015

EVS-EN IEC 61010-2-051:2021/A11:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-051: Erinõuded laboratoorsetele segamisseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

1 Scope and object This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text, except the first paragraph, with the following new text: This part of IEC 61010 is applicable to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices can contain heating elements. NOTE If all or part of the equipment falls within the scope of one or more other Part 2 standards of the IEC 61010 series as well as within the scope of this document, consideration is given to those other Part 2 standards. The standard for equipment which contains heating devices is IEC 61010-2-010.

Keel: en
Alusdokumendid: EN IEC 61010-2-051:2021/A11:2021
Muudab dokumenti: EVS-EN IEC 61010-2-051:2021

EVS-EN IEC 61010-2-061:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-061: Erinõuded laboratoorsetele termilisel atomiseerimisel ja ioniseerimisel põhinevatele aatomspektromeetritele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

IEC 61010-2-061:2018 applies to electrically powered laboratory atomic spectro-meters with thermal atomization. It has the status of a group safety publication in accordance with IEC Guide 104. This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - adaptation of changes introduced by Amendment 1 of IEC 61010-1; - added tolerance for stability of AC voltage test equipment to Clause 6; - added requirement for interlock systems containing electric/electronic or programmable components to Clause 15.

Keel: en

Alusdokumendid: IEC 61010-2-061:2018; EN IEC 61010-2-061:2021
Asendab dokumenti: EVS-EN 61010-2-061:2015

EVS-EN IEC 61010-2-061:2021/A11:2021

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-061: Erinõuded laboratoorsetele termilisel atomiseerimisel ja ioniseerimisel põhinevatele aatomspektromeetritele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

Amendment to EN IEC 61010-2-061:2021

Keel: en
Alusdokumendid: EN IEC 61010-2-061:2021/A11:2021
Muudab dokumenti: EVS-EN IEC 61010-2-061:2021

EVS-EN ISO 21392:2021

Cosmetics - Analytical methods - Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique (ISO 21392:2021)

This document provides a method for quantification of trace levels of heavy metals in cosmetic products. This document refers only to chromium, cobalt, nickel, arsenic, cadmium, antimony and lead. The methodology can apply to other elements, however, it is the responsibility of the analyst to demonstrate that it fits that purpose.

Keel: en
Alusdokumendid: ISO 21392:2021; EN ISO 21392:2021

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 15199-4:2021

Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 4: Light fractions of crude oil

This European Standard describes a method for the determination of the boiling range distribution of petroleum products by capillary gas chromatography using flame ionization detection. The standard is applicable to stabilized crude oils and for the boiling range distribution and the recovery up to and including n-nonane. A stabilized crude oil is defined as having a Reid Vapour Pressure equivalent to or less than 82,7 kPa as determined by IP 481 [3]. NOTE For the purposes of this European Standard, the terms “% (m/m)” and “% (V/V)” are used to represent respectively the mass fraction, ω, and the volume fraction, φ. WARNING —The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 15199-4:2021
Asendab dokumenti: EVS-EN 15199-4:2015

EVS-EN ISO 22940:2021

Solid recovered fuels - Determination of elemental composition by X-ray fluorescence (ISO 22940:2021)

This document specifies the procedure for a determination of major and minor element concentrations in solid recovered fuel material by energy dispersive X-ray fluorescence (EDXRF) spectrometry or wavelength dispersive X-ray fluorescence (WDXRF) spectrometry using a calibration with solid recovered fuel reference materials or solid recovered fuel samples with known content. A semiquantitative determination may be carried out using matrix independent standards. X-ray fluorescence spectrometry can be used as a fast method for a qualitative overview of elements and impurities and after suitable calibration it is very useful for determining major elements or even minor elements (except Hg) in order to quickly identify increased concentrations of minor elements in solid recovered fuels (e.g. during SRF-production). This document is applicable for the following elements: Na, Mg, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Br, Mo, Cd, Sb, Tl and Pb. Concentrations from approximately 0,000 1 % and above can be determined depending on the element, the calibration materials used and the instrument used.

Keel: en
Alusdokumendid: ISO 22940:2021; EN ISO 22940:2021

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 13000-1:2021

Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 1: Requirements and designation (ISO 13000-1:2021)

This document establishes a system of designation for processed unfilled polytetrafluoroethylene (PTFE) products, which can occur in several forms. The PTFE used to make the semi-finished product is described in ISO 20568-1. The PTFE used to make the semi-finished product are virgin, reprocessed or recycled resin. The addition of up to 1,5 % by mass of pigment or colorant can be used.

Keel: en
Alusdokumendid: ISO 13000-1:2021; EN ISO 13000-1:2021
Asendab dokumenti: EVS-EN ISO 13000-1:2006

EVS-EN ISO 13000-2:2021

Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 2: Preparation of test specimens and determination of properties (ISO 13000-2:2021)

This document specifies the preparation of test specimens and gives the test methods applicable to semi-finished products of polytetrafluoroethylene (PTFE).

Keel: en
Alusdokumendid: ISO 13000-2:2021; EN ISO 13000-2:2021
Asendab dokumenti: EVS-EN ISO 13000-2:2006

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 13885-1:2021

Gel permeation chromatography (GPC) - Part 1: Tetrahydrofuran (THF) as eluent (ISO 13885-1:2020)

This document specifies the determination of the molar-mass distribution and the average molar mass values Mn (number average) and Mw (weight average) of polymers that are soluble in tetrahydrofuran (THF) by gel permeation chromatography (GPC). NOTE Also known as size exclusion chromatography (SEC). Even though the chromatograms obtained show good repeatability, it is possible that this method cannot be used with certain polymer types because of specific interactions (e.g. adsorption) within the sample/eluent/column system. The conditions specified in this document are not applicable to the GPC analysis of polymer samples with Mw values greater than 106 g/mol and/or of polymers with elution limits outside the calibration range (see 7.6 and Annex C). This document includes no correction method (e.g. for the elimination of peak broadening. If absolute molar-mass values are required, an absolute method (e.g. membrane osmometry for Mn or light scattering for Mw) can be used.

Keel: en
Alusdokumendid: ISO 13885-1:2020; EN ISO 13885-1:2021

EVS-EN ISO 13885-2:2021

Gel permeation chromatography (GPC) - Part 2: N,N-Dimenthylacetamide (DMAC) as eluent (ISO 13885-2:2020)

This document specifies the determination of the molar-mass distribution and the average molar mass values Mn (number average) and Mw (weight average) of polymers that are soluble in DMAC (N,N-Dimethylacetamide) by gel permeation chromatography (GPC). NOTE Also known as size exclusion chromatography (SEC). Even though the chromatograms obtained show good repeatability, it is possible that this method cannot be used with certain polymer types because of specific interactions (e.g. adsorption) within the sample/eluent/column system. The conditions specified in this document are not applicable to the GPC analysis of polymer samples with Mw values greater than 106 g/mol and/or polymers with elution limits outside the calibration range (see 7.6 and Annex C). This document includes no correction method (e.g. for the elimination of peak broadening). If absolute molar mass values are required, an absolute method (e.g. membrane osmometry for Mn or light scattering for Mw) can be used.

Keel: en
Alusdokumendid: ISO 13885-2:2020; EN ISO 13885-2:2021

EVS-EN ISO 13885-3:2021

Gel permeation chromatography (GPC) - Part 3: Water as eluent (ISO 13885-3:2020)

This document specifies the determination of the molar-mass distribution and the average molar mass values Mn (number average) and Mw (weight average) of polymers that are soluble in water by gel permeation chromatography (GPC). NOTE Also known as size exclusion chromatography (SEC). This method is applicable to neutral polymers and polyanions (e.g. polycarboxylates, polysaccharides, fully hydrolyzed polyvinyl alcohols and high-molecular polyethylene oxides). It is not applicable to polycations [e.g. polyvinylpyrrolidone, polyvinylpyridine, salts of poly(diallyl N,N dimethyl azacyclopentane), chitosan]. Despite good solubility in the mobile phase and even though the chromatograms obtained show good repeatability, it is possible that this method cannot be used with certain polymer types because of specific interactions (e.g. adsorption) within the sample/eluent/column system (see also Clause 12). The conditions specified in this document are not applicable to the GPC analysis of polymer samples with Mw values greater than 106 g/mol and/or polymers with elution limits outside the calibration range (see 7.6 and Annex C). This document includes no correction methods (e.g. for the elimination of peak broadening). If absolute molar mass values are required, an absolute method (e.g. membrane osmometry for Mn or light scattering for Mw) can be used.

Keel: en
Alusdokumendid: ISO 13885-3:2020; EN ISO 13885-3:2021

EVS-EN ISO 22553-11:2021

Paints and varnishes - Electro-deposition coatings - Part 11: Bath stability (ISO 22553-11:2020)

This document specifies a method for assessing the bath stability of electro-deposition coatings used for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en
Alusdokumendid: ISO 22553-11:2020; EN ISO 22553-11:2021

EVS-EN ISO 22553-12:2021

Paints and varnishes - Electro-deposition coatings - Part 12: Sedimentation on horizontal areas (ISO 22553-12:2020)

This document specifies a method for assessing the sedimentation of electro-deposition coating materials on horizontal surfaces used for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en
Alusdokumendid: ISO 22553-12:2020; EN ISO 22553-12:2021

EVS-EN ISO 22553-7:2021

Paints and varnishes - Electro-deposition coatings - Part 7: Electrical wet-film resistance (ISO 22553-7:2020)

This document specifies a method for determining the wet-film resistivity of an electro-deposition coating (e coat) for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en
Alusdokumendid: ISO 22553-7:2020; EN ISO 22553-7:2021

EVS-EN ISO 22553-8:2021

Paints and varnishes - Electro-deposition coatings - Part 8: Electric charge density (ISO 22553-8:2020)

This document specifies a method for determining the electric charge density of an electro-deposition coating (e coat) for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en
Alusdokumendid: ISO 22553-8:2020; EN ISO 22553-8:2021

EVS-EN ISO 22553-9:2021

Paints and varnishes - Electro-deposition coatings - Part 9: Stoving loss (ISO 22553-9:2020)

This document specifies a method for determining the volatile-matter content of electro-deposition coatings (e-coats) during stoving (stoving loss) used for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

Keel: en
Alusdokumendid: ISO 22553-9:2020; EN ISO 22553-9:2021

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12464-1:2021

Valgus ja valgustus. Töökohavalgustus. Osa 1: Sisetöökohad
Light and lighting - Lighting of work places - Part 1: Indoor work places

See dokument sätestab inimeste valgustusnõuded sisetöökohtadel, lähtudes normaalse või normaalseks korrigeeritud nägemisvõimega inimeste nägemismugavusest ja nägemistöö sooritamisviisist. Arvesse on võetud kõik tavapärased nägemisülesanded, sealhulgas töö kuvaritega. See dokument sätestab enamiku sisetöökohtade ja nendega seotud alade valgustuslahenduste kvantiteedi- ja kvaliteedinõuded. Lisaks esitatakse heal valgustustaval põhinevaid soovitusi, kaasa arvatud visuaalseid ja mittevisuaalseid (kujutist mitteloovaid) valgustusvajadusi. See dokument ei sätesta valgustusnõudeid töötajate tööohutuse ja töötervishoiu seisukohast ega ole koostatud Euroopa Liidu Lepingu artikli 169 rakendamisalasse kuuluvana, kuigi selles dokumendis sätestatud valgustusnõuded täidavad enamasti ka ohutuse nõudeid. MÄRKUS Töötajate tööohutuse ja töötervishoiuga seotud valgustusnõuded võivad sisalduda direktiivides, mis põhinevad Euroopa Liidu Lepingu artiklil 169, neid direktiive rakendavate liikmesriikide riigisisestes õigusaktides või teistes liikmesriikide riigisisestes õigusaktides. See dokument ei anna ette konkreetseid valgustuslahendusi ega piira projekteerija vabadust kasutada uusi tehnilisi võimalusi ja innovatiivseid valgustusseadmeid. Valgustuses võidakse ette näha päevavalguse, tehisvalgustuse või nende mõlema üheaegset kasutamist. See dokument ei laiene välistöökohtade valgustusele, allmaakaevanduste valgustusele ega hädavalgustusele. Nõuded välistöökohtade valgustuse kohta on esitatud standardis EN 12464-2, hädavalgustuse kohta aga standardites EN 1838 ja EN 13032-3.

Keel: en, et
Alusdokumendid: EN 12464-1:2021
Asendab dokumenti: EVS-EN 12464-1:2011

EVS-EN 14908-8:2021

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 8: Communication using Broadband over Power Line Networks - with internet protocols

This document specifies a communication protocol for networked control systems. The protocol provides peer-to-peer communication for networked control using web-services. This document describes services in layer 1 and layer 2. The layer 1 (physical layer) specification describes the MAC sub-layer interface to the physical layer. The layer 2 (data link layer), as described in EN 14908-1, is integrated in UDP/IP communication using IPv4 and IPv6 protocols.

Keel: en
Alusdokumendid: EN 14908-8:2021

EVS-EN 14908-9:2021

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 9: Wireless Communication in ISM bands

This document specifies an adaptation layer for the control network protocol (CNP), as described in EN 14908-1 to utilize wireless communication network. This document defines the services of the wireless communication provided to CNP layer for delivering data and commands towards and from sensors, actuators, etc. which are wirelessly connected as part of the EN 14908-1 network. In addition, this document defines the requirements for the radio communication applicable for CNP layer operation. For the radio communication different frequency bands can be utilized. Annex A defines requirement for operation in different frequency bands.

Keel: en
Alusdokumendid: EN 14908-9:2021

EVS-EN 81-22:2021

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kauba transpordi liftid. Osa 22: Kaldtõusuga sõidu- ja kaubaliftid
Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 22: Passenger and goods passenger lifts with inclined travel path

1.1 This document specifies the safety rules for the construction and installation of permanently installed new electric lifts, with traction or positive drive, serving defined landings levels, having a vehicle designed to convey passengers or passengers and loads, suspended by ropes or chains and travelling in a vertical plan along guide rails that are inclined at an angle of between 15° and 75° in relation to the horizontal. 1.2 In addition to the requirements of this document, supplementary requirements should be considered in special cases (potentially explosive atmosphere, extreme climate conditions, seismic conditions, transporting dangerous goods, etc.). 1.3 This document does not cover: a) lifts with drives other than those stated in 1.1; b) installation of electric lifts in existing buildings to the extent that space does not permit; c) important modifications (see Annex E) to a lift installed before this document is brought into application; d) lifting appliances, such as paternosters, mine lifts, theatrical lifts, appliances with automatic caging, skips, lifts and hoists for building and public works sites, ships' hoists, platforms for exploration or drilling at sea, construction and maintenance appliances; e) safety during transport, installation, repairs, and dismantling of lifts; f) lifts with rated speed ≤ 0,15 m/s. However, this document can usefully be taken as a basis. Noise is not dealt with in this document because it is not relevant to the safe use of the lift. Vibrations are dealt with for electric parts only. Direct effects on human bodies are not considered as harmful. 1.4 This document does not specify the additional requirements necessary for the use of lifts in case of fire. 1.5 Taking into account the state of the art, the scope of the present standard is limited as follows: - inclination: a variation in inclination is permitted for the travel path; - travel path: confined within the vertical plane; - maximum capacity of the car: 7 500 kg (100 passengers); - maximum rated speed (v): 4 m/s. Both characteristics (capacity and speed) are linked by the relation given in the following Figure 1. [Figure 1 not represented] Key Q maximum capacity v rated speed Figure 1 - Speed and capacity The document applies to all the constituent components of the lift including: running tracks, guides, safety gear operating device, counter-rails, but excludes the supporting structures, civil engineering structures and anchorages that are dealt with by other regulations. 1.6 This document is not applicable for inclined lifts which are manufactured before the date of its publication as EN.

Keel: en
Alusdokumendid: EN 81-22:2021
Asendab dokumenti: EVS-EN 81-22:2014

EVS-EN ISO 11855-3:2021

Building environment design - Embedded radiant heating and cooling systems - Part 3: Design and dimensioning (ISO 11855-3:2021)

This document establishes a system design and dimensioning method to ensure the heating and cooling capacity of the radiant heating and cooling systems.

Keel: en
Alusdokumendid: ISO 11855-3:2021; EN ISO 11855-3:2021
Asendab dokumenti: EVS-EN ISO 11855-3:2015

EVS-EN ISO 11855-4:2021

Building environment design - Embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO 11855-4:2021)

This document allows the calculation of peak cooling capacity of Thermo Active Building Systems (TABS), based on heat gains, such as solar gains, internal heat gains, and ventilation, and the calculation of the cooling power demand on the water side, to be used to size the cooling system, as regards the chiller size, fluid flow rate, etc. This document defines a detailed method aimed at the calculation of heating and cooling capacity in non-steady state conditions.

Keel: en
Alusdokumendid: ISO 11855-4:2021; EN ISO 11855-4:2021
Asendab dokumenti: EVS-EN ISO 11855-4:2015

EVS-EN ISO 11855-5:2021

Building environment design - Embedded radiant heating and cooling systems - Part 5: Installation (ISO 11855-5:2021)

This document establishes requirements for the installation of embedded radiant heating and cooling systems. It specifies general and uniform requirements for the design and construction of heating and cooling floors, ceiling and wall structures to ensure that the heating/cooling systems are suited to the particular application. The requirements specified by this document are applicable only to the components of the heating/cooling systems and the elements which are part of the heating/cooling surface and which are installed due to the heating/cooling systems. This document is applicable to water-based embedded surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open-air gaps, but are not applicable to panel systems with open-air gaps which are not integrated into the building structure.

Keel: en
Alusdokumendid: ISO 11855-5:2021; EN ISO 11855-5:2021
Asendab dokumenti: EVS-EN ISO 11855-5:2015

EVS-HD 60364-8-2:2019/A12:2021

Madalpingelised elektripaigaldised. Osa 8-2: Tootevtarbijate madalpingelised elektripaigaldised Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations

Standardi HD 60364-8-2:2018 muudatus

Keel: en, et
Alusdokumendid: HD 60364-8-2:2018/A12:2021
Muudab dokumenti: EVS-HD 60364-8-2:2019

EVS-HD 60364-8-2:2019+A11+A12:2021

Madalpingelised elektripaigaldised. Osa 8-2: Tootevtarbijate madalpingelised elektripaigaldised Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations (IEC 60364-8-2:2018)

Standardi IEC 60364 see osa esitab lisanõuded, meetmed ja soovitused igat liiki, standardi IEC 60364-1:2005 peatükile 11 vastavate madalpingeliste elektripaigaldiste projekteerimise, ehitamise ja kontrolli kohta, sealhulgas kohalike energiatootmis- ja/või salvestuspaigaldiste kohta, eesmärgiga tagada ühilduvus olemasolevate ja tulevikus kasutusele võetavate elektritarvitite või avalikku elektrivõrku elektrit edastavate kohalike energiaallikatega. Niisuguseid elektripaigaldisi nimetatakse tootevtarbijate elektripaigaldisteks. Selles dokumendis esitatakse ka tootevtarbijate elektripaigaldiste asjakohase käitumise ja tegevuse nõuded, et saavutada nende paigaldiste jätkusuutlik ja turvaline talitlus tarkvõrkudesse lõimumisel. Neid nõudeid ja soovitusi rakendatakse standardisarja IEC 60364 kõigi osade käsitlusala ulatuses uute paigaldiste rajamisel ja olemasolevate paigaldiste täiustamisel. MÄRKUS Turvalist talitlust tagavad elektrienergiaallikad, sealhulgas nende juurde kuuluvad elektripaigaldised ja elektrivarustuse turvalist pidevust tagavad varu-elektrivarustussüsteemid, mida kasutatakse ainult vahetevahel ja lühikesteks ajavahemikeks (nt ühe tunni jooksul kuus) rööbiti jaotusvõrguga katsetamise otstarbel, ei kuulu selle dokumendi käsitlusalasse.

Keel: en, et
Alusdokumendid: IEC 60364-8-2:2018; HD 60364-8-2:2018; HD 60364-8-2:2018/A11:2019; HD 60364-8-2:2018/A12:2021
Konsolideerib dokumenti: EVS-HD 60364-8-2:2019
Konsolideerib dokumenti: EVS-HD 60364-8-2:2019/A11:2019
Konsolideerib dokumenti: EVS-HD 60364-8-2:2019/A12:2021
Konsolideerib dokumenti: EVS-HD 60364-8-2:2019+A11:2019

93 RAJATISED

EVS-EN ISO 17892-12:2018/A1:2021

Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 1 (ISO 17892-12:2018/Amd 1:2021)

This document specifies methods for the determination of the liquid and plastic limits of a soil. These comprise two of the Atterberg limits for soils. The liquid limit is the water content at which a soil changes from the liquid to the plastic state. This document describes the determination of the liquid limit of a specimen of natural soil, or of a specimen of soil from which material larger than about 0,4 mm has been removed. This document describes two methods: the fall cone method and the Casagrande method. NOTE The fall cone method in this document should not be confused with that of ISO 17892-6. The plastic limit of a soil is the water content at which a soil ceases to be plastic when dried further. The determination of the plastic limit is normally made in conjunction with the determination of the liquid limit. It is recognized that the results of the test are subject to the judgement of the operator, and that some variability in results will occur.

Keel: en
Alusdokumendid: ISO 17892-12:2018/Amd 1:2021; EN ISO 17892-12:2018/A1:2021

Muudab dokumenti: EVS-EN ISO 17892-12:2018

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 14908-8:2021

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 8: Communication using Broadband over Power Line Networks - with internet protocols

This document specifies a communication protocol for networked control systems. The protocol provides peer-to-peer communication for networked control using web-services. This document describes services in layer 1 and layer 2. The layer 1 (physical layer) specification describes the MAC sub-layer interface to the physical layer. The layer 2 (data link layer), as described in EN 14908-1, is integrated in UDP/IP communication using IPv4 and IPv6 protocols.

Keel: en
Alusdokumendid: EN 14908-8:2021

EVS-EN 14908-9:2021

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 9: Wireless Communication in ISM bands

This document specifies an adaptation layer for the control network protocol (CNP), as described in EN 14908-1 to utilize wireless communication network. This document defines the services of the wireless communication provided to CNP layer for delivering data and commands towards and from sensors, actuators, etc. which are wirelessly connected as part of the EN 14908-1 network. In addition, this document defines the requirements for the radio communication applicable for CNP layer operation. For the radio communication different frequency bands can be utilized. Annex A defines requirement for operation in different frequency bands.

Keel: en
Alusdokumendid: EN 14908-9:2021

EVS-EN 16282-7:2017+A1:2021

Suurköökide varustus. Suurköökide ventilatsiooni komponendid. Osa 7: Paiksete tulekustutussüsteemide paigaldamine ja kasutamine
Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 7: Installation and use of fixed fire suppression systems

See Euroopa standard täpsustab nõudeid ja annab soovitusi hoonete köökide tulekustutussüsteemide projekteerimiseks, paigaldamiseks, katsetamiseks, hooldamiseks ja ohutuseks. Seda Euroopa standardit kohaldatakse suurköökide ventilatsioonisüsteemidele, nendega seotud aladele ja muudele tööstuslikuks kasutamiseks ette nähtud toiduaineid töötlevatele seadmetele. Köögid ja nendega seotud alad on eriruumid, kus valmistatakse eineid, pestakse ja puhastatakse lauanõusid ja seadmeid, hoitakse toitu ja kus asuvad toidujäätmete alad. Seda Euroopa standardit kohaldatakse tulekustutussüsteemidele, välja arvatud nendele, mida kasutatakse kodustes köökides või tööstuslikes toidutöötlemisettevõtetes. Kui pole sätestatud teisiti, tuleks selle standardi nõudeid kontrollida vaatlusega ja/või mõõtmisega. MÄRKUS Pöörake tähelepanu paigaldamist, seadmete nõudeid ning ülevaatust, hooldust ja käitamist käsitlevatele täiendavatele või alternatiivsetele kohalikele eeskirjadele.

Keel: en, et
Alusdokumendid: EN 16282-7:2017+A1:2021
Asendab dokumenti: EVS-EN 16282-7:2017

EVS-EN 60335-1:2012/A15:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1: General requirements

Standardi EN 60335-1:2012 muudatus

Keel: en, et
Alusdokumendid: EN 60335-1:2012/A15:2021
Muudab dokumenti: EVS-EN 60335-1:2012
Muudab dokumenti: EVS-EN 60335-1:2012+A11:2014
Muudab dokumenti: EVS-EN 60335-1:2012+A11+A12
Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017
Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13+A1+A14+A2:2019

EVS-EN 60335-1:2012+A11+A13+A1+A14+A2+A15:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified + IEC 60335-1:2010/A1:2013, modified + COR1:2014 + IEC 60335-1:2010/A2:2016, modified + COR1:2016)

See Euroopa standard käsitleb kodumajapidamises ja kaubanduslikul otstarbel kasutatavate elektriseadmete ohutust, kusjuures seadmete tunnuspinge ei ole ühefaasilise toite korral üle 250 V ega muudel juhtudel üle 480 V. MÄRKUS 1 Selle standardi käsitlusalasse kuuluvad ka patareitoitega ja muud alalisvoolutoitega seadmed. Kaksiktoitega seadmeid, mida toidetakse vooluvõrgust või patareidest, käsitletakse patareimooduse korral patareitoitega seadmetena. MÄRKUS Z1 Kodumajapidamises

kasutatavate seadmete hulka kuuluvad nt tüüpiliste majapidamis-funktsioonidega seadmed, mida võivad majapidamisotstarbel kasutada ka mittespetsialistid • kauplustes, kontorites ja muudes taolistes töökeskkondades, • farmihoonetes, • kui kliendid hotellides, motellides ja muudes olmekeskkondades, • ööbimise ja hommikusöögiga majutuskeskkonnas. MÄRKUS Z2 Majapidamiskeskkond hõlmab elamuid ja nendega seotud ehitisi, iluaedasid jne. Selle standardi käsitlusalasse kuuluvad kauplustes, kergetööstuses ja farmides asjatundjate või väljaõpetatud personali poolt kasutamiseks ette nähtud seadmed ja masinad ning tavaisikute poolt teeninduslikuks kasutamiseks ette nähtud seadmed ja masinad. Täiendavad nõuded sellistele seadmetele on esitatud lisas ZE. MÄRKUS 2 Kehtetu. MÄRKUS Z3 Niisuguste seadmete ja masinate hulka kuuluvad nt teeninduslikus kasutamises olevad toitlustusseadmed, puhastusmasinad ning juuksuriseadmed. MÄRKUS Z4 Kriteeriumid, mida rakendatakse standardisarjaga EN 60335 haaratud toodete võtmiseks madalpingedirektiivi või masinadirektiivi käsitlusalasse, on informatsiooniks esitatud lisas ZF. See standard käsitleb mõistlikult ettenähtavaid ohtusid, mida võivad tekitada seadmed ja masinad ning millega võivad kokku puutuda kõik isikud. Standard ei arvesta aga üldjuhul • seadmega mängivaid lapsi, • seadme kasutamist väikelaste (maimikute) poolt, • seadme järelevalveta kasutamist nooremate laste (nt koolieelikute) poolt. Arvestatakse, et ohustatud isikute vajadused võivad olla väljaspool selles standardis eeldatud taset. MÄRKUS 3 Tuleb pöörata tähelepanu asjaolule, et — sõidukites, laevadel või lennukites kasutamiseks ette nähtud seadmete kohta võidakse esitada lisanõuded; — paljudes riikides on riiklike tervishoiu-, töökaitse-, veevarustus- ja muude taoliste ametite poolt sätestatud lisanõudeid. MÄRKUS 4 Seda standardit ei rakendata — eranditult tööstuslikuks otstarbeks ette nähtud seadmete kohta; — seadmete kohta, mis on ette nähtud kasutamiseks kohtades, kus ülekaalus on erikasutusolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aurud või gaas); — audio-, video- ja muudele taolistele elektroonikaaparaatidele (IEC 60065); — meditsiiniseadmetele (IEC 60601); — mootoriga käitatavatele elektrilistele käsitööriistadele (IEC 60745); — personalarvutitele ja muudele taolistele seadmetele (IEC 60950-1); — transporditavatele mootoriga käitatavatele elektrilistele tööriistadele (IEC 61029).

Keel: en, et
Alusdokumendid: IEC 60335-1:2010; EN 60335-1:2012; EN 60335-1:2012/A11:2014; EN 60335-1:2012/A1:2019; EN 60335-1:2012/A14:2019; EN 60335-1:2012/A2:2019; IEC 60335-1:2010/AMD1:2013; IEC 60335-1:2010/AMD1:2013/COR1:2014; EN 60335-1:2012/A13:2017; IEC 60335-1:2010/AMD2:2016/COR1:2016; IEC 60335-1:2010/AMD2:2016; EN 60335-1:2012/A14:2019; EN 60335-1:2012/A15:2021
Konsolideerib dokumenti: EVS-EN 60335-1:2012
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A1:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A11:2014
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A13:2017
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A14:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A15:2021
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A2:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/AC:2014

EVS-EN ISO 10874:2012+A1:2021

Elastsed, tekstiil- ja laminaatpõrandakatted. Klassifikatsioon
Resilient, textile and laminate floor coverings - Classification (ISO 10874:2009 + ISO 10874:2009/Amd 1:2020)

Selles rahvusvahelises standardis esitatakse elastsete, tekstiil- ja laminaatpõrandakatete klassifikatsioon. See klassifikatsioon tugineb kasutuskoha ning kasutussageduse praktilistele nõuetele, samuti on see seotud asjakohases rahvusvahelises standardis iga põrandakattetüübi jaoks spetsifitseeritud nõuetega. See rahvusvaheline standard on kavandatud juhendiks tootjatele, spetsifitseerijatele ja tarbijatele, võimaldades neil valida asjakohase klassi põrandakatte, mis sobib eri ruumide eri kasutuskohtadesse. MÄRKUS Põrandakatete kulumist ja välimust mõjutavad paigaldus- ja hooldusstandardid, aluspõranda seisukord ja kasutusviis (jalatsitüüp, lokaliseeritud liikluse kõrge kontsentratsioon jne). Need tegurid on mõeldud selle klassifitseerimissüsteemi kasutamisel arvesse võtmiseks.

Keel: en, et
Alusdokumendid: ISO 10874:2009/Amd 1:2020; EN ISO 10874:2012/A1:2020; EN ISO 10874:2012; ISO 10874:2009
Konsolideerib dokumenti: EVS-EN ISO 10874:2012
Konsolideerib dokumenti: EVS-EN ISO 10874:2012/A1:2021

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 18513:2003

Tourism services - Hotels and other types of tourism accommodation - Terminology

Keel: en
Alusdokumendid: ISO 18513:2003; EN ISO 18513:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 18513:2021
Standardi staatus: Kehtetu

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

EVS-EN ISO 18513:2003

Tourism services - Hotels and other types of tourism accommodation - Terminology

Keel: en
Alusdokumendid: ISO 18513:2003; EN ISO 18513:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 18513:2021
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 6888-1:2001

Toiduainete ja loomasöötade mikrobioloogia. Horisontaalmeetod koagulaarpositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 1: Baird-Parkeri agarsöötme kasutamise meetod
Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphyllococci (Staphylococcus aureus and other species) - Part 1: Technique using Baird-Parker agar medium (ISO 6888-1:1999)

Keel: en, et
Alusdokumendid: ISO 6888-1:1999; EN ISO 6888-1:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 6888-1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN ISO 6888-1:2001+A1+A2:2018
Muudetud järgmise dokumendiga: EVS-EN ISO 6888-1:2001/A1:2004
Muudetud järgmise dokumendiga: EVS-EN ISO 6888-1:2001/A2:2018
Standardi staatus: Kehtetu

EVS-EN ISO 6888-1:2001/A1:2004

Toiduainete ja loomasöötade mikrobioloogia. Horisontaalmeetod koagulaarpositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 1: Baird-Parkeri agarsöötme kasutamise meetod. Muudatus 1: Täppisandmete lisamine
Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphyllococci (Staphylococcus aureus and other species) - Part 1: Technique using Baird-Parker agar medium - Amendment 1: Inclusion of precision data (ISO 6888-1:1999/Amd 1:2003)

Keel: en, et
Alusdokumendid: ISO 6888-1:1999/A1:2003; EN ISO 6888-1:1999/A1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 6888-1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN ISO 6888-1:2001+A1+A2:2018
Standardi staatus: Kehtetu

EVS-EN ISO 6888-1:2001/A2:2018

Toiduainete ja loomasöötade mikrobioloogia. Horisontaalmeetod koagulaarpositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 1: Baird-Parkeri agarsöötme kasutamise meetod. Muudatus 2: Alternatiivse kinnitustesti lisamine, kasutades RPFA torkekülvi meetodit
Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 1: Technique using Baird-Parker agar medium - Amendment 2: Inclusion of an alternative confirmation procedure (ISO 6888-1:1999/Amd 2:2018)

Keel: en, et
Alusdokumendid: EN ISO 6888-1:1999/A2:2018; ISO 6888-1:1999/Amd 2:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 6888-1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN ISO 6888-1:2001+A1+A2:2018
Standardi staatus: Kehtetu

EVS-EN ISO 6888-1:2001+A1+A2:2018

Toiduainete ja loomasöötade mikrobioloogia. Horisontaalmeetod koagulaarpositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 1: Baird-Parkeri agarsöötme kasutamise meetod
Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphyllococci (Staphylococcus aureus and other species) - Part 1: Technique using Baird-Parker agar medium (ISO 6888-1:1999 + ISO 6888-1:1999/Amd 1:2003 + ISO 6888-1:1999/Amd 2:2018)

Keel: en, et
Alusdokumendid: EN ISO 6888-1:1999; EN ISO 6888-1:1999/A1:2003; EN ISO 6888-1:1999/A2:2018; ISO 6888-1:1999; ISO 6888-1:1999/Amd 2:2018; ISO 6888-1:1999/Amd 1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 6888-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 6888-2:2001

Toiduainete ja loomasöötade mikrobioloogia. Horisontaalmeetod koagulaaspositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 2: Küülikuplasma-fibrinogeenagarsöötme kasutamise meetod
Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 2: Technique using rabbit plasma fibrinogen agar medium

Keel: en, et
Alusdokumendid: ISO 6888-2:1999; EN ISO 6888-2:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 6888-2:2021
Muudetud järgmise dokumendiga: EVS-EN ISO 6888-2:2001/A1:2004
Standardi staatus: Kehtetu

EVS-EN ISO 6888-2:2001/A1:2004

Toiduainete ja loomasöötade mikrobioloogia. Horisontaalmeetod koagulaaspositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 2: Küülikuplasma-fibrinogeenagarsöötme kasutamise meetod. Muudatus 1: Täppisandmete lisamine
Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 2: Technique using rabbit plasma fibrinogen agar medium - Amendment 1: Inclusion of precision data

Keel: en
Alusdokumendid: ISO 6888-2:1999/A1:2003; EN ISO 6888-2:1999/A1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 6888-2:2021
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 12353:2013

Chemical disinfectants and antiseptics - Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity

Keel: en
Alusdokumendid: EN 12353:2013
Asendatud järgmise dokumendiga: EVS-EN 12353:2021
Standardi staatus: Kehtetu

EVS-EN 14254:2004

In vitro meditsiinilised diagnostikaseadmed. Ühekordselt kasutatavad anumad verest erinevate proovide võtmiseks inimestelt
In vitro diagnostic medical devices - Single-use receptacles for the collection of specimens, other than blood, from humans

Keel: en

Alusdokumendid: EN 14254:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 6717:2021
Standardi staatus: Kehtetu

EVS-EN ISO 17664:2017

Meditsiiniseadmete steriliseerimine. Tootja poolt esitatav informatsioon resteriliseeritavate meditsiiniseadmete käitlemise kohta
Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices (ISO 17664:2017)

Keel: en
Alusdokumendid: ISO 17664:2017; EN ISO 17664:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 17664-1:2021
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 60068-2-21:2006

Environmental testing Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices

Keel: en
Alusdokumendid: IEC 60068-2-21:2006; EN 60068-2-21:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60068-2-21:2021
Standardi staatus: Kehtetu

EVS-EN 60068-2-77:2002

Environmental testing - Part 2-77: Tests - Test 77: Body strength and impact shock

Keel: en
Alusdokumendid: IEC 60068-2-77:1999; EN 60068-2-77:1999
Asendatud järgmise dokumendiga: EVS-EN IEC 60068-2-21:2021
Standardi staatus: Kehtetu

EVS-EN 61010-2-051:2015

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-051: Erinõuded laboratoorsetele segamisseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

Keel: en
Alusdokumendid: EN 61010-2-051:2015; IEC 61010-2-051:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61010-2-051:2021
Standardi staatus: Kehtetu

EVS-EN 61010-2-061:2015

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-061: Erinõuded laboratoorsetele termilisel atomiseerimisel ja ioniseerimisel põhinevatele aatomspektromeetritele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

Keel: en
Alusdokumendid: EN 61010-2-061:2015; IEC 61010-2-061:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61010-2-061:2021
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 7668:2018

Anodizing of aluminium and its alloys - Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees (ISO 7668:2018)

Keel: en
Alusdokumendid: ISO 7668:2018; EN ISO 7668:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 7668:2021
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 1397:2015
Soojusvahetid. Vedelikke kasutavad toaventilaatoriga spiraalseadmed. Talitlusandmete kindlaksmääramise toimingud
Heat exchangers - Hydronic room fan coil units - Test procedures for establishing the performance

Keel: en
Alusdokumendid: EN 1397:2015
Asendatud järgmise dokumendiga: EVS-EN 1397:2021
Parandatud järgmise dokumendiga: EVS-EN 1397:2015/AC:2016
Standardi staatus: Kehtetu

EVS-EN 1397:2015/AC:2016
Soojusvahetid. Vedelikke kasutavad toaventilaatoriga spiraalseadmed. Talitlusandmete kindlaksmääramise toimingud
Heat exchangers - Hydronic room fan coil units - Test procedures for establishing the performance

Keel: en
Alusdokumendid: EN 1397:2015/AC:2016
Asendatud järgmise dokumendiga: EVS-EN 1397:2021
Standardi staatus: Kehtetu

EVS-EN 50524:2009
Data sheet and name plate for photovoltaic inverters

Keel: en
Alusdokumendid: EN 50524:2009
Asendatud järgmise dokumendiga: EVS-EN 50524:2021
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 61316:2001
Tööstuslikud kaablirullid
Industrial cable reels

Keel: en
Alusdokumendid: IEC 61316:1999; EN 61316:1999
Asendatud järgmise dokumendiga: EVS-EN IEC 61316:2021
Standardi staatus: Kehtetu

EVS-EN 62271-112:2013
High-voltage switchgear and controlgear - Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines

Keel: en
Alusdokumendid: IEC 62271-112:2013; EN 62271-112:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 62271-112:2021
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60068-2-21:2006
Environmental testing Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices

Keel: en
Alusdokumendid: IEC 60068-2-21:2006; EN 60068-2-21:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60068-2-21:2021
Standardi staatus: Kehtetu

EVS-EN 60068-2-77:2002
Environmental testing - Part 2-77: Tests - Test 77: Body strength and impact shock

Keel: en
Alusdokumendid: IEC 60068-2-77:1999; EN 60068-2-77:1999
Asendatud järgmise dokumendiga: EVS-EN IEC 60068-2-21:2021

Standardi staatus: Kehtetu

EVS-EN 60384-24:2015

Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Surface mount fixed tantalum electrolytic capacitors with conductive polymer solid electrolyte

Keel: en
Alusdokumendid: IEC 60384-24:2015; EN 60384-24:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-24:2021
Parandatud järgmise dokumendiga: EVS-EN 60384-24:2015/AC:2017
Standardi staatus: Kehtetu

EVS-EN 60384-24:2015/AC:2017

Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte

Keel: en
Alusdokumendid: IEC 60384-24:2015/COR1:2016; EN 60384-24:2015/AC:2017-01
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-24:2021
Standardi staatus: Kehtetu

EVS-EN 60384-25:2015

Fixed capacitors for use in electronic equipment - Part 25: Sectional specification - Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte

Keel: en
Alusdokumendid: IEC 60384-25:2015; EN 60384-25:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-25:2021
Standardi staatus: Kehtetu

EVS-EN 61760-2:2007

Surface mounting technology - Part 2: Transportation and storage conditions of surface mounting devices (SMD) - Application guide

Keel: en
Alusdokumendid: IEC 61760-2:2007; EN 61760-2:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 61760-2:2021
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 62153-4-7:2016

Metall-sidekaablite katsetusmeetodid. Osa 4-7: Elektromagnetiline ühilduvus. Sagedusele kuni 3 GHz ja üle selle ette nähtud liideste ja koostete ülekandeimpedantsi Zt, varjestussumbuvuse As ja sidestussumbuvuse Ac mõõtmise katsetusmeetod. Kolmeteljeline meetod "toru torus" Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Zt and screening attenuation As or coupling attenuation Ac of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method (IEC 62153-4-7:2015)

Keel: en
Alusdokumendid: IEC 62153-4-7:2015; EN 62153-4-7:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 62153-4-7:2021
Muudetud järgmise dokumendiga: EVS-EN 62153-4-7:2016/A1:2018
Parandatud järgmise dokumendiga: EVS-EN 62153-4-7:2016/AC:2016
Standardi staatus: Kehtetu

EVS-EN 62153-4-7:2016/A1:2018

Metall-sidekaablite katsetusmeetodid. Osa 4-7: Elektromagnetiline ühilduvus. Sagedusele kuni 3 GHz ja üle selle ette nähtud liideste ja koostete ülekandeimpedantsi Zt, varjestussumbuvuse As ja sidestussumbuvuse Ac mõõtmise katsetusmeetod. Kolmeteljeline meetod "toru torus" Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance ZT and screening attenuation aS or coupling attenuation aC of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method

Keel: en
Alusdokumendid: IEC 62153-4-7:2015/A1:2018; EN 62153-4-7:2016/A1:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62153-4-7:2021
Standardi staatus: Kehtetu

EVS-EN 62153-4-7:2016/AC:2016

Metall-sidekaablite katsetusmeetodid. Osa 4-7: Elektromagnetiline ühilduvus. Sagedusele kuni 3 GHz ja üle selle ette nähtud liideste ja koostete ülekandeimpedantsi Zt, varjestussumbuvuse As ja sidestussumbuvuse Ac mõõtmise katsetusmeetod. Kolmeteljeline meetod "toru torus" Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Zt and screening attenuation As or coupling attenuation Ac of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method (IEC 62153-4-7:2015)

Keel: en
Alusdokumendid: IEC 62153-4-7:2015/COR1:2016; EN 62153-4-7:2016/AC:2016-05
Asendatud järgmise dokumendiga: EVS-EN IEC 62153-4-7:2021
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16603-10-04:2015

Space engineering - Space environment

Keel: en
Alusdokumendid: ECSS-E-ST-10-04C; EN 16603-10-04:2015
Asendatud järgmise dokumendiga: EVS-EN 16603-10-04:2021
Standardi staatus: Kehtetu

EVS-EN 3272:2002

Aerospace series - Pipe coupling 8°30` - Dynamic beam seal end for ferrule, welded - Geometric configuration

Keel: en
Alusdokumendid: EN 3272:2001
Standardi staatus: Kehtetu

EVS-EN 3273:2002

Aerospace series - Pipe coupling 8°30` - Dynamic beam seal end for elbows, tees and crosses - Geometric configuration

Keel: en
Alusdokumendid: EN 3273:2001
Standardi staatus: Kehtetu

EVS-EN 3274:2010

Aerospace series - Pipe coupling 8°30' - Thread end - Geometric configuration

Keel: en
Alusdokumendid: EN 3274:2010
Standardi staatus: Kehtetu

EVS-EN 3748:2002

Aerospace series - O-ring grooves - Dimensions

Keel: en
Alusdokumendid: EN 3748:2001
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 12447:2002

Geotekstiil ja samalaadsed tooted. Sõelumiskatse meetod hüdrolüüsikindluse määramisel vees Geotextiles and geotextile-related products - Screening test method for determining the resistance to hydrolysis in water

Keel: en
Alusdokumendid: EN 12447:2001
Asendatud järgmise dokumendiga: EVS-EN 12447:2021
Standardi staatus: Kehtetu

EVS-EN ISO 30023:2012

Textiles - Qualification symbols for labelling workwear to be industrially laundered (ISO 30023:2010)

Keel: en
Alusdokumendid: ISO 30023:2010; EN ISO 30023:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 30023:2021
Standardi staatus: Kehtetu

EVS-EN ISO 5470-2:2004

Rubber- or plastics-coated fabrics - Determination of abrasion resistance - Part 2: Martindale abrader

Keel: en
Alusdokumendid: ISO 5470-2:2003; EN ISO 5470-2:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 5470-2:2021
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 12353:2013

Chemical disinfectants and antiseptics - Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity

Keel: en
Alusdokumendid: EN 12353:2013
Asendatud järgmise dokumendiga: EVS-EN 12353:2021
Standardi staatus: Kehtetu

EVS-EN 61010-2-051:2015

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-051: Erinõuded laboratoorsetele segamisseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

Keel: en
Alusdokumendid: EN 61010-2-051:2015; IEC 61010-2-051:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61010-2-051:2021
Standardi staatus: Kehtetu

EVS-EN 61010-2-061:2015

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-061: Erinõuded laboratoorsetele termilisel atomiseerimisel ja ioniseerimisel põhinevatele aatomspektromeetritele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

Keel: en
Alusdokumendid: EN 61010-2-061:2015; IEC 61010-2-061:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61010-2-061:2021
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 15199-4:2015

Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 4: Light fractions of crude oil

Keel: en
Alusdokumendid: EN 15199-4:2015
Asendatud järgmise dokumendiga: EVS-EN 15199-4:2021
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 13000-1:2006

Plastid. Polütetrafluoretüleenist (PTFE) pooltooted. Osa 1: Nõuded ja tähistamine
Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 1: Requirements and designation

Keel: en

Alusdokumendid: ISO 13000-1:2005; EN ISO 13000-1:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 13000-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 13000-2:2006

Plastid. Polütetrafluoroetüleenist (PTFE) valmistatud pooltooted. Osa 2: Proovikehade ettevalmistamine ja nende omaduste määramine
Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 2: Preparation of test specimens and determination of properties

Keel: en
Alusdokumendid: ISO 13000-2:2005; EN ISO 13000-2:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 13000-2:2021
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12464-1:2011

Valgus ja valgustus. Töökohavalgustus. Osa 1: Sisetöökohad
Light and lighting - Lighting of work places - Part 1: Indoor work places

Keel: en, et
Alusdokumendid: EN 12464-1:2011
Asendatud järgmise dokumendiga: EVS-EN 12464-1:2021
Standardi staatus: Kehtetu

EVS-EN 81-22:2014

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kauba transpordi liftid. Osa 22: Kaldtõusuga elektrilised liftid
Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 22: Electric lifts with inclined path

Keel: en
Alusdokumendid: EN 81-22:2014
Asendatud järgmise dokumendiga: EVS-EN 81-22:2021
Standardi staatus: Kehtetu

EVS-EN ISO 11855-3:2015

Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 3: Design and dimensioning (ISO 11855-3:2012)

Keel: en
Alusdokumendid: ISO 11855-3:2012; EN ISO 11855-3:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 11855-3:2021
Standardi staatus: Kehtetu

EVS-EN ISO 11855-4:2015

Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO 11855-4:2012)

Keel: en
Alusdokumendid: ISO 11855-4:2012; EN ISO 11855-4:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 11855-4:2021
Standardi staatus: Kehtetu

EVS-EN ISO 11855-5:2015

Building environment design - Design , dimensioning, installation and control of embedded radiant heating and cooling systems - Part 5: Installation (ISO 11855-5:2012)

Keel: en
Alusdokumendid: ISO 11855-5:2012; EN ISO 11855-5:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 11855-5:2021
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 16282-7:2017

Suurköökide varustus. Suurköökide ventilatsiooni komponendid. Paiksete tulekustutussüsteemide paigaldamine ja kasutamine
Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 7: Installation and use of fixed fire suppression systems

Keel: en, et
Alusdokumendid: EN 16282-7:2017
Asendatud järgmise dokumendiga: EVS-EN 16282-7:2017+A1:2021
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

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

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

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

prEN ISO 27007

Information security, cybersecurity and privacy protection - Guidelines for information security management systems auditing (ISO/IEC 27007:2020)

ISO/IEC 27007 provides guidance on managing an information security management system (ISMS) audit programme, on conducting audits, and on the competence of ISMS auditors, in addition to the guidance contained in ISO 19011:2011. ISO/IEC 27007 is applicable to those needing to understand or conduct internal or external audits of an ISMS or to manage an ISMS audit programme.

Keel: en
Alusdokumendid: ISO/IEC 27007:2020; prEN ISO 27007

Arvamusküsitluse lõppkuupäev: 14.11.2021

07 LOODUS- JA RAKENDUSTEADUSED

prEN 17694-1

Hydrometry - Performance requirements and test procedures for water monitoring equipment - Devices for the determination of flow Part 1: Open channel instrumentation

This European standard specifies general requirements, minimum performance requirements and test procedures for open channelinstrumentation used to determine either volumetric flow-rate and/or total volume passed of waters in artificial open channels. Itcovers the following technology categories: −Level sensors with associated electronics designed to be used with a conventional gauging structure (e.g. weir or flumefor which the stage discharge characteristics are established and published in a national or international standard) or afluid velocity sensor. −Integrated velocity area devices comprising level and velocity sensors that may be separate or combined in a single assembly; −Velocity sensors that determine the mean water velocity through a channel. It is recognised that for some OCIs certain tests cannot be carried out.

Keel: en
Alusdokumendid: prEN 17694-1

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO 21363

Nanotechnologies - Measurements of particle size and shape distributions by transmission electron microscopy (ISO 21363:2020)

This document specifies how to capture, measure and analyse transmission electron microscopy images to obtain particle size and shape distributions in the nanoscale. This document broadly is applicable to nano-objects as well as to particles with sizes larger than 100 nm. The exact working range of the method depends on the required uncertainty and on the performance of the transmission electron microscope. These elements can be evaluated according to the requirements described in this document.

Keel: en
Alusdokumendid: ISO 21363:2020; prEN ISO 21363

Arvamusküsitluse lõppkuupäev: 14.11.2021

11 TERVISEHOOLDUS

EN IEC 80601-2-26:2020/prA1:2021

Amendment 1 - Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalograph

Amendment to EN IEC 80601-2-26:2020

Keel: en
Alusdokumendid: IEC 80601-2-26/AMD1 ED1; EN IEC 80601-2-26:2020/prA1:2021
Muudab dokumenti: EVS-EN IEC 80601-2-26:2020

Arvamusküsitluse lõppkuupäev: 14.11.2021

EN IEC 80601-2-59:2019/prA1:2021

Amendment 1 - Medical electrical equipment - Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening

Amendment to EN IEC 80601-2-59:2019

Keel: en
Alusdokumendid: IEC 80601-2-59/AMD1 ED2; EN IEC 80601-2-59:2019/prA1:2021
Muudab dokumenti: EVS-EN IEC 80601-2-59:2019

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60601-2-54:2021

Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy

Clause 1 of the general standard1) applies, except as follows: 201.1.1 Scope Replacement: This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of ME EQUIPMENT and ME SYSTEMS intended to be used for projection RADIOGRAPHY and INDIRECT RADIOSCOPY. IEC 60601-2-43 applies to ME EQUIPMENT and ME SYSTEMS intended to be used for interventional applications and refers to applicable requirements in this particular standard. ME EQUIPMENT and ME SYSTEMS intended to be used for bone or tissue absorption densitometry, computed tomography, mammography or dental or radiotherapy applications are excluded from the scope of this International Standard. The scope of this International Standard also excludes radiotherapy simulators. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant.

Keel: en
Alusdokumendid: IEC 60601-2-54 ED2; prEN IEC 60601-2-54:2021
Asendab dokumenti: EVS-EN 60601-2-54:2009
Asendab dokumenti: EVS-EN 60601-2-54:2009/A1:2015
Asendab dokumenti: EVS-EN 60601-2-54:2009/A2:2019
Asendab dokumenti: EVS-EN 60601-2-54:2009+A1:2015
Asendab dokumenti: EVS-EN 60601-2-54:2009+A1+A2:2019
Asendab dokumenti: EVS-EN 60601-2-54:2009+A1+A2:2019/AC:2019

Arvamusküsitluse lõppkuupäev: 14.11.2021

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

FprEN IEC 60335-2-103:2021/prA1:2021

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This European Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part.

Keel: en
Alusdokumendid: IEC 60335-2-103:2015/A1:2017; FprEN IEC 60335-2-103:2021/prA1:2021
Muudab dokumenti: FprEN 60335-2-103:2015

Arvamusküsitluse lõppkuupäev: 14.11.2021

FprEN IEC 60335-2-103:2021/prA2:2021

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This European Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part.

Keel: en

Alusdokumendid: IEC 60335-2-103:2015/A2:2019; FprEN IEC 60335-2-103:2021/prA2:2021
Muudab dokumenti: FprEN 60335-2-103:2015

Arvamusküsitluse lõppkuupäev: 14.11.2021

FprEN IEC 60335-2-103:2021/prAA:2021

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This European Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part.

Keel: en
Alusdokumendid: FprEN IEC 60335-2-103:2021/prAA:2021
Muudab dokumenti: FprEN 60335-2-103:2015
Muudab dokumenti: FprEN IEC 60335-2-103:2021/prA1:2021
Muudab dokumenti: FprEN IEC 60335-2-103:2021/prA2:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 14944-1

Influence of cementitious products on water intended for human consumption - Test methods - Part 1: Influence of factory made cementitious products on organoleptic parameters

This European Standard specifies a method to determine the influence of factory made cementitious products on the odour, flavour, colour and turbidity of test waters after contact with the products. This European Standard is applicable to factory made cementitious products, e.g. cement mortar linings to metallic pipes, tanks, concrete pipes etc. intended to be used for the transport and storage of water for human consumption, including raw water used for the production of drinking water.

Keel: en
Alusdokumendid: prEN 14944-1
Asendab dokumenti: EVS-EN 14944-1:2006

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 14944-3

Influence of cementitious products on water intended for human consumption - Test methods - Part 3: Migration of substances from factory-made cementititous products

This European Standard specifies a method to determine the migration of substances from factory made cementitious products into test waters after contact with the products. This European Standard is applicable to factory made cementitious products, e.g. cement mortar linings to metallic pipes, tanks, concrete pipes etc., intended to be used for the transport and storage of water intended for human consumption, including raw water used for the production of drinking water.

Keel: en
Alusdokumendid: prEN 14944-3
Asendab dokumenti: EVS-EN 14944-3:2007

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 1991-1-2

Eurocode 1: Actions on structures - Part 1-2: General actions - Actions on structures exposed to fire

1.1 Scope of EN 1991-1-2 (1) The methods given in this Eurocode are applicable to buildings and civil engineering works, with a fire load related to the building and its occupancy. (2) EN 1991-1-2 deals with thermal and mechanical actions on structures exposed to fire. It is intended to be used in conjunction with the fire design Parts of EN 1992 to EN 1996 and EN 1999 which give rules for designing structures for fire resistance. (3) EN 1991-1-2 contains thermal actions either nominal or physically based. More data and models for physically based thermal actions are given in annexes. (4) EN 1991-1-2 does not cover the assessment of the damage of a structure after a fire. (5) EN 1991-1-2 does not cover supplementary requirements concerning, for example: - the possible installation and maintenance of sprinkler systems; - conditions on occupancy of building or fire compartment; - the use of approved insulation and coating materials, including their maintenance. 1.2 Assumptions (1) In addition to the general assumptions of EN 1990 the following assumptions apply: - any active and passive fire protection systems taken into account in the design will be adequately maintained; - the choice of the relevant design fire scenario is made by appropriate qualified and experienced personnel, or is given by the relevant national regulation.

Keel: en
Alusdokumendid: prEN 1991-1-2
Asendab dokumenti: EVS-EN 1991-1-2/NA:2007
Asendab dokumenti: EVS-EN 1991-1-2:2004
Asendab dokumenti: EVS-EN 1991-1-2:2004/AC:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-113:2021

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

This European Standard deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, where their operation relies on contact with the skin, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: IEC 60335-2-113:2016; prEN IEC 60335-2-113:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-113:2021/prA11:2021

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

This European Standard deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, where their operation relies on contact with the skin, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: prEN IEC 60335-2-113:2021/prA11:2021
Muudab dokumenti: prEN IEC 60335-2-113:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-115:2021

Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances

This European Standard deals with the safety of electric appliances for skin beauty care of persons and intended for household, commercial and similar purposes, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: IEC 60335-2-115:2021; prEN IEC 60335-2-115:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-115:2021/prA11:2021

Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances

This European Standard deals with the safety of electric appliances for skin beauty care of persons and intended for household, commercial and similar purposes, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: prEN IEC 60335-2-115:2021/prA11:2021
Muudab dokumenti: prEN IEC 60335-2-115:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO 14015

Environmental management - Guidelines for Environmental Due Diligence Assessment (ISO/DIS 14015:2021)

This International Standard provides guidance on how to conduct an EDD Assessment through a systematic process of identifying environmental aspects, issues and conditions as well as determining, if appropriate, their business consequences. This International Standard does not provide guidance on how to conduct other types of environmental assessment, such as: a) environmental audits (including environmental management system and regulatory compliance audits); b) environmental impact assessments; c) environmental performance, efficiency, or reliability evaluations; or d) intrusive environmental investigations and remediation. This International Standard is not intended for use as a specification standard for certification or registration purposes or for the establishment of environmental management system requirements. Use of this International Standard does not imply that other standards and legislation are imposed on the client or the assessee.

Keel: en
Alusdokumendid: ISO/DIS 14015; prEN ISO 14015
Asendab dokumenti: EVS-EN ISO 14015:2010

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO/ASTM 52931

Additive manufacturing of metals - Environment, health and safety - General principles for use of metallic materials (ISO/ASTM DIS 52931:2021)

This document provides a guide for risk assessment and implementation of prevention and protection measures relating to additive manufacturing with metallic feedstocks (e.g. powders, wires,…). The risks covered by this document concern the entire process value chain, from the reception of the raw material to the output of the parts for delivery. The management of waste and discharges is also taken into account.

Keel: en
Alusdokumendid: ISO/ASTM DIS 52931; prEN ISO/ASTM 52931

Arvamusküsitluse lõppkuupäev: 14.11.2021

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN 17694-1

Hydrometry - Performance requirements and test procedures for water monitoring equipment - Devices for the determination of flow Part 1: Open channel instrumentation

This European standard specifies general requirements, minimum performance requirements and test procedures for open channelinstrumentation used to determine either volumetric flow-rate and/or total volume passed of waters in artificial open channels. Itcovers the following technology categories: −Level sensors with associated electronics designed to be used with a conventional gauging structure (e.g. weir or flumefor which the stage discharge characteristics are established and published in a national or international standard) or afluid velocity sensor. −Integrated velocity area devices comprising level and velocity sensors that may be separate or combined in a single assembly; −Velocity sensors that determine the mean water velocity through a channel. It is recognised that for some OCIs certain tests cannot be carried out.

Keel: en
Alusdokumendid: prEN 17694-1

Arvamusküsitluse lõppkuupäev: 14.11.2021

19 KATSETAMINE

prEN ISO 18563-1

Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 1: Instruments (ISO/DIS 18563-1:2021)

This document identifies the functional characteristics of a multi-channel ultrasonic phased array instrument used for array probes and provides methods for their measurement and verification. This document can partly be applicable to ultrasonic phased array instruments in automated systems, but then, other tests might be needed to ensure satisfactory performance. When the phased array instrument is a part of an automated system, the acceptance criteria can be modified by agreement between the parties involved. This document also can partly be applicable to FMC instruments and TFM instruments. This document gives the extent of the verification and defines acceptance criteria within a frequency range of 0,5 MHz to 10 MHz. The evaluation of these characteristics permits a well-defined description of the ultrasonic phased array instrument and comparability of ultrasonic phased array instruments.

Keel: en
Alusdokumendid: ISO/DIS 18563-1; prEN ISO 18563-1
Asendab dokumenti: EVS-EN ISO 18563-1:2015

Arvamusküsitluse lõppkuupäev: 14.11.2021

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 898-2

Fasteners - Mechanical properties of fasteners made of carbon steel and alloy steel - Part 2: Nuts with specified property classes (ISO/DIS 898-2:2021)

This document specifies the mechanical and physical properties of nuts made of non-alloy steel or alloy steel, for three different nut styles in accordance with 5.1: — regular nuts (style 1), — high nuts (style 2), — thin nuts (style 0), in combination with: — coarse pitch thread M5 ≤ D ≤ M39, and fine pitch thread 8 mm ≤ D ≤ 39 mm, — specified property classes 04, 05, 5, 6, 8, 10 and 12 including proof loads, and able to be mated with bolts, screws and studs with property classes in accordance with ISO 898-1. These combinations are based on bolt/nut compatibility, manufacturing processes and market needs. If other combinations are needed, e.g. for nuts designed for particular applications, see ISO/TR 16224. Nuts conforming to the requirements of this document are tested at the ambient temperature range of 10 °C to 35 °C. It is possible that they do not retain the specified mechanical and physical properties at elevated and/or lower temperatures. NOTE 1 Nuts conforming to the requirements of this document are used in applications ranging from –50 °C to +150 °C, however these nuts are also used outside this range and up to +300 °C for specific applications. It is the responsibility of the user to determine the appropriate choice, and consulting an experienced fastener materials expert is recommended outside the range of –50 °C to +150 °C (several factors need to be taken into account, e.g. steel composition, duration of exposure at elevated or low temperature, the effect of the temperature on the fastener mechanical properties and clamped parts). NOTE 2 Information for the selection and application of steels for use at lower and elevated temperatures is given for instance in EN 10269, ASTM A320/A320M and ASTM A194/A194M. This document applies to the nuts specified above, with: — triangular ISO metric thread in accordance with ISO 68-1, — diameter/pitch combinations in accordance with ISO 261 and ISO 262, — thread tolerances in accordance with ISO 965-1, ISO 965-2 or ISO 965-5, and — minimum outside diameter or width across flats s ≥ 1,45D (see Annex B). For hot dip galvanized nuts, additional requirements are specified in ISO 10684. This document does not specify requirements for functional properties such as: — prevailing torque properties (see ISO 2320), — torque/clamp force properties (see ISO 16047 for test method), — weldability, or — corrosion resistance

Keel: en
Alusdokumendid: ISO/DIS 898-2; prEN ISO 898-2
Asendab dokumenti: EVS-EN ISO 898-2:2012

Arvamusküsitluse lõppkuupäev: 14.11.2021

25 TOOTMISTEHNOLOOGIA

prEN IEC 61139-2:2021

Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions

This part 2 of IEC 61139 specifies the extensions to SDCI in IEC 61131-9:— for functional safety. This comprises: • a standardized OSSDe interface for redundant switching signals based on IEC 61131-2, • minor modifications/extensions to state machines of SDCI to support the safety operations, • a lean functional safety communication protocol on top of the standard SDCI communication which is a black channel according to IEC 61784-3:2021, • protocol management functions for configuration, parameterization, and commissioning, • IODD extensions for functional safety, • a Device tool interface to support Dedicated Tools according to functional safety standards.

Keel: en
Alusdokumendid: IEC 61139-2 ED1; prEN IEC 61139-2:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 63206:2021

Industrial - Process control systems - Recorders

This International Standard IEC 63206 specifies the classification (e.g.: analogue chart recorder, digital recorder, X-Y recorder, paperless recorder, event recorder, data logger, and data acquisition device, etc.) and performance evaluation methods of recorders. It covers type tests as well as routine tests. This International Standard is applicable to recorder devices and recorder modules for control systems.

Keel: en
Alusdokumendid: IEC 63206 ED1; prEN IEC 63206:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO 15614-4

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 4: Finishing welding of aluminium castings (ISO/DIS 15614-4:2021)

This document is part of a series of standards, details of which are given in ISO 15607:2019, Annex A. This document specifies how a welding procedure specification for finishing welding of aluminium castings is qualified by welding procedure tests. Arc welding of aluminium castings is performed by the following processes in accordance with ISO 4063: — 131 MIG welding with solid wire electrode — 132 MIG welding with flux cored electrode — 133 MIG welding with metal cored electrode — 141 TIG welding with solid filler material (wire/rod) — 142 Autogenous TIG welding — 143 TIG welding with tubular cored filler material (wire/rod) — 145 TIG welding using reducing gas and solid filler material (wire/rod) — 146 TIG welding using reducing gas and tubular cored filler material (wire/rod) — 15 plasma arc welding The shielding gases used with these processes are: — argon, ISO 14175 – I1 — helium, ISO 14175 – I2 — argon helium mixture, ISO 14175 – I3 The principles of this document can be applied to other welding processes and shielding gases. This document is not applicable for repair welding or for welding of joints where ISO 15614-2 is to be used.

Keel: en
Alusdokumendid: ISO/DIS 15614-4; prEN ISO 15614-4
Asendab dokumenti: EVS-EN ISO 15614-4:2005
Asendab dokumenti: EVS-EN ISO 15614-4:2005/AC:2007

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO 15614-6

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 6: Arc and gas welding of copper and its alloys (ISO/DIS 15614-6:2021)

This document specifies how a preliminary welding procedure specification is qualified by welding procedure tests. It applies to arc and gas welding of copper and copper alloys in all product forms. This document defines the conditions for the execution of welding procedure tests and the range of qualification for welding procedures for welding operations within the range of variables listed in Clause 9. This document is applicable to all new welding procedures. However, it does not invalidate previous welding procedure tests made to former national standards or specifications. Where additional tests have to be carried out to make the qualification technically equivalent, it is only necessary to do the additional tests on a test piece made in accordance with this document. Additional tests can be required by application standards. The principles of this document may be applied to other fusion welding processes.

Keel: en
Alusdokumendid: ISO/DIS 15614-6; prEN ISO 15614-6
Asendab dokumenti: EVS-EN ISO 15614-6:2006

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO/ASTM 52931

Additive manufacturing of metals - Environment, health and safety - General principles for use of metallic materials (ISO/ASTM DIS 52931:2021)

This document provides a guide for risk assessment and implementation of prevention and protection measures relating to additive manufacturing with metallic feedstocks (e.g. powders, wires,…). The risks covered by this document concern the entire

process value chain, from the reception of the raw material to the output of the parts for delivery. The management of waste and discharges is also taken into account.

Keel: en
Alusdokumendid: ISO/ASTM DIS 52931; prEN ISO/ASTM 52931

Arvamusküsitluse lõppkuupäev: 14.11.2021

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN IEC 61215-1-3:2021/prA1:2021

Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules

Amendment to EN IEC 61215-1-3:2021

Keel: en
Alusdokumendid: IEC 61215-1-3/AMD1 ED2; EN IEC 61215-1-3:2021/prA1:2021
Muudab dokumenti: EVS-EN IEC 61215-1-3:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

EN IEC 61215-1-4:2021/prA1:2021

Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)2 based photovoltaic (PV) modules

Amendment to EN IEC 61215-1-4:2021

Keel: en
Alusdokumendid: IEC 61215-1-4/AMD1 ED2; EN IEC 61215-1-4:2021/prA1:2021
Muudab dokumenti: EVS-EN IEC 61215-1-4:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

29 ELEKTROTEHNIKA

EN IEC 60810:2018/prA2:2021

Amendment 2 - Lamps, light sources and LED packages for road vehicles - Performance requirements

Amendment to EN IEC 60810:2018

Keel: en
Alusdokumendid: IEC 60810/AMD2 ED5; EN IEC 60810:2018/prA2:2021
Muudab dokumenti: EVS-EN IEC 60810:2018

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 61537:2021

Cable management - Cable tray systems and cable ladder systems

This document specifies requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in electrical and/or communication systems installations. Where necessary, cable tray systems and cable ladder systems can be used for the arrangement of cables into groups. This document does not apply to conduit systems, cable trunking systems and cable ducting systems or any current-carrying parts. NOTE Cable tray systems and cable ladder systems are designed for use as supports for cables and not as enclosures.

Keel: en
Alusdokumendid: IEC 61537 ED3; prEN IEC 61537:2021
Asendab dokumenti: EVS-EN 61537:2007

Arvamusküsitluse lõppkuupäev: 15.10.2021

prEN IEC 61537:2021/prAA:2021

Cable management - Cable tray systems and cable ladder systems

Amendment to prEN IEC 61537:2021

Keel: en
Alusdokumendid: prEN IEC 61537:2021/prAA:2021
Muudab dokumenti: prEN IEC 61537:2021

Arvamusküsitluse lõppkuupäev: 15.10.2021

prEN IEC 63355:2021

Cable management systems - Test method for content of halogens

This document specifies a method for the determination of the content of halogens in Cable Management System (CMS) products or system components made completely or partly of combustible material(s). The determination is made by combustion and subsequent analysis of the combustion product by Ion Chromatography. This document specifies how CMS products or system components can be declared as halogen free. This document is for environmental performance only. Compliance with this document does not imply the absence of toxicity, corrosivity or opacity of produced smoke, or other reaction to fire characteristics. If any of these characteristics are to be evaluated, the appropriate standards can be used. The detection limit of this test method is typically 0,025 g of halogen per kg (0,0025 %). Halides insoluble in aqueous solution present in the original sample or produced during the combustion step are not determined by this method.

Keel: en
Alusdokumendid: IEC 63355 ED1; prEN IEC 63355:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

33 SIDETEHNIKA

prEN IEC 61169-69:2021

Radio Frequency Connectors- Part 69: Sectional specification for series SMP3 RF coaxial connectors

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with push-on coupling, typically for use in 50 Ω RF cables or micro-strips in microwave, telecommunication, wireless systems, and other fields (SMP3) It prescribes mating face dimensions for general purpose connectors – grade 2, dimensional details of standard test connectors-grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMP3 RF connectors. This specification indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H. The SMP3 push-on coupling structure series R.F. coaxial connector with the characteristic of normative impedance 50 Ω are used with various kinds of RF cables or micro-strips in microwave, telecommunication, wireless systems, and other fields. The operating frequency limit is up to 65 GHz. NOTE imperial dimension are original dimensions. All undimensioned pictorial configurations are for reference purpose only.

Keel: en
Alusdokumendid: IEC 61169-69 ED1; prEN IEC 61169-69:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 61300-2-5:2021

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

The purpose of this part of IEC 61300 is to determine the ability of the cable attachment element of the device under test (DUT) to withstand torsional loads that can be experienced during installation and normal service.

Keel: en
Alusdokumendid: IEC 61300-2-5 ED4; prEN IEC 61300-2-5:2021
Asendab dokumenti: EVS-EN 61300-2-5:2011

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 61300-3-35:2021

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers

This part of the IEC 61300 series is concerned with the observation and classification of debris (removeable particles on the surface of a fibre/ferrule), scratches and defects (non-removeable features on the surface of a fibre/ferrule). The inspection requirements are based on IEC TR 62627-05. Advice for cleaning of contamination from fibres/ferrule is found in IEC TR 62627-01 and a recommendation is given in Annex E. Visual inspection is in addition to, and does not replace measurement of performance parameters such as attenuation and return loss, or end face parameters. The dimensions specified are chosen such that they can be easily estimated. Not only the zones A and B on the fibre are to be inspected for defects and scratches but the whole contact area (where the two fibres/ ferrules meet when mated) needs to be inspected for contamination (This is up to 250 µm diameter for cylindrical ferrules and the whole ferrule surface for rectangular ferrules). The objectives of this standard are to: – specify the minimum criteria a microscope is to meet to be compliant to this standard; – specify the procedure and criteria for inspecting fibre-optic end faces for cleanliness to determine if the end faces are fit for use. All connector optical interfaces (IEC 61755 series and IEC 63267 series) are based on physical contact between fibre cores; – provide quantitative criteria for the analysis of end face images.

Keel: en
Alusdokumendid: IEC 61300-3-35 ED3; prEN IEC 61300-3-35:2021
Asendab dokumenti: EVS-EN 61300-3-35:2015

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 62037-7:2021

Passive RF and Microwave devices, intermodulation level measurement - Part 7: Field measurements of passive intermodulation

This part of IEC 62037 defines test methods for reverse measurement of Passive Intermodulation (PIM) in systems of RF components deployed in the field. Field PIM measurements can be conducted on RF systems terminated into low PIM loads or on antenna feed systems that broadcast the test signals into the environment.

Keel: en
Alusdokumendid: IEC 62037-7 ED1; prEN IEC 62037-7:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 62037-8:2021
Measurement of passive intermodulation generated by objects exposed to RF radiation

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

Keel: en
Alusdokumendid: IEC 62037-8 ED1; prEN IEC 62037-8:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

35 INFOTEHNOLOOGIA

prEN IEC 61139-2:2021
Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions

This part 2 of IEC 61139 specifies the extensions to SDCI in IEC 61131-9:— for functional safety. This comprises: • a standardized OSSDe interface for redundant switching signals based on IEC 61131-2, • minor modifications/extensions to state machines of SDCI to support the safety operations, • a lean functional safety communication protocol on top of the standard SDCI communication which is a black channel according to IEC 61784-3:2021, • protocol management functions for configuration, parameterization, and commissioning, • IODD extensions for functional safety, • a Device tool interface to support Dedicated Tools according to functional safety standards.

Keel: en
Alusdokumendid: IEC 61139-2 ED1; prEN IEC 61139-2:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO 27007
Information security, cybersecurity and privacy protection - Guidelines for information security management systems auditing (ISO/IEC 27007:2020)

ISO/IEC 27007 provides guidance on managing an information security management system (ISMS) audit programme, on conducting audits, and on the competence of ISMS auditors, in addition to the guidance contained in ISO 19011:2011. ISO/IEC 27007 is applicable to those needing to understand or conduct internal or external audits of an ISMS or to manage an ISMS audit programme.

Keel: en
Alusdokumendid: ISO/IEC 27007:2020; prEN ISO 27007

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO 29481-3
Building information models - Information delivery manual - Part 3: Data schema and code (ISO/DIS 29481-3:2021)

This part of ISO 29481 Information Delivery Manual (IDM) specifies: • a data schema for exchanging the data required in specific data exchange scenarios during the building lifecycle in the extensible markup language (XML) schema format. • a classification system for IDM specifications. This part of ISO 29481 is intended to facilitate interoperability and reusability of IDM specifications. It promotes digital collaboration between actors in the construction process and provides a basis for accurate, reliable, repeatable and high-quality information exchange.

Keel: en
Alusdokumendid: ISO/DIS 29481-3; prEN ISO 29481-3

Arvamusküsitluse lõppkuupäev: 14.11.2021

45 RAUDTEETEHNIKA

EN 15355:2019/prA1
Railway applications - Braking - Distributor valves and distributor-isolating devices

This document applies to distributor valves and distributor-isolating devices. The distributor valves contained in this document are of graduable release type. Direct release types are not included. Functionally they are regarded as not containing relay valves of any type, even if the relay valves are physically an integral part of the distributor valves. This document applies to both distributor-isolating devices mounted separate from the distributor valve and distributor-isolating devices integral with the

distributor valve. This document specifies the requirements for the design, testing and quality assurance of distributor valves and distributor-isolating devices. The distributor valve and distributor-isolating device are intended to be part of a brake system mounted in a vehicle with maximum length of 31 m and maximum brake pipe volume of 25 l taking into consideration brake pipe inner diameters between 25 mm and 32 mm.

Keel: en
Alusdokumendid: UIC 541-1; EN 15355:2019/prA1
Muudab dokumenti: EVS-EN 15355:2019

Arvamusküsitluse lõppkuupäev: 14.11.2021

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 10087
Small craft - Craft identification - Coding system (ISO/FDIS 10087:2021)

This document establishes a coding system to achieve identification of any small craft in terms of: a) identification code of the country of the manufacturer of the craft; b) identification code of the manufacturer; c) serial number; d) month and year of manufacture; e) model year. It applies to small craft of all types and materials, of hull length, LH, up to 24 m.

Keel: en
Alusdokumendid: ISO/FDIS 10087; prEN ISO 10087
Asendab dokumenti: EVS-EN ISO 10087:2019

Arvamusküsitluse lõppkuupäev: 14.11.2021

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 81-43
Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 43: Lifts for cranes

1.1 This document specifies the safety requirements for the construction and installation of power operated lifts attached to cranes and intended for access to workplaces on cranes, by authorised persons. This includes intended use, erection, dismantling, inspection and maintenance. The lift serves defined landing levels and has a load carrying unit which is: - designed for the transportation of persons and goods; - guided; - travelling vertically or along a path within 15 degrees maximum from the vertical; - supported by rack and pinion or suspended by steel wire ropes; - travelling with a speed not more than 1,0 m/s for permanent lifts and not more than 0,4 m/s for temporary lifts. 1.2 This document identifies hazards as listed in Clause 4 which arise during the various phases in the life of such equipment and describes methods for the elimination or reduction of these hazards when used as intended by the manufacturer. 1.3 This document does not specify the additional requirements for: - operation in severe conditions (e.g. extreme climates, strong magnetic fields); - lightning protection; - operation subject to special rules (e.g. potentially explosive atmospheres); NOTE Directive 94/9/EC concerning equipment and protective systems intended for use in potentially explosive atmospheres can be applicable to the type of machine or equipment covered by this European Standard. The present standard is not intended to provide means of complying with the essential health and safety requirements of Directive 94/9/EC. - electromagnetic compatibility (emission, immunity); - handling of loads the nature of which could lead to dangerous situations; - the use of combustion engines; - hydraulic drive units; - hazards occurring during manufacturing process; - hazards occurring as a result of being erected over a public road; - earthquakes; - noise (see also Directive on noise emissions from machines used outdoors (2000/14/EC)).

Keel: en
Alusdokumendid: prEN 81-43
Asendab dokumenti: EVS-EN 81-43:2009

Arvamusküsitluse lõppkuupäev: 14.11.2021

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

prEN 16565
Packaging - Flexible tubes - Test method to determine the orientation of the flip-top cap

This document specifies a method to test the orientation of the flip-top cap on flexible cylindrical tubes [1]. It is applicable to aluminium, plastic and laminated tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products.

Keel: en
Alusdokumendid: prEN 16565
Asendab dokumenti: EVS-EN 16565:2014

Arvamusküsitluse lõppkuupäev: 14.11.2021

67 TOIDUAINETE TEHNOLOOGIA

prEN 14944-1
Influence of cementitious products on water intended for human consumption - Test methods - Part 1: Influence of factory made cementitious products on organoleptic parameters

This European Standard specifies a method to determine the influence of factory made cementitious products on the odour, flavour, colour and turbidity of test waters after contact with the products. This European Standard is applicable to factory made cementitious products, e.g. cement mortar linings to metallic pipes, tanks, concrete pipes etc. intended to be used for the transport and storage of water for human consumption, including raw water used for the production of drinking water.

Keel: en
Alusdokumendid: prEN 14944-1
Asendab dokumenti: EVS-EN 14944-1:2006

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 14944-3

Influence of cementitious products on water intended for human consumption - Test methods - Part 3: Migration of substances from factory-made cementititous products

This European Standard specifies a method to determine the migration of substances from factory made cementitious products into test waters after contact with the products. This European Standard is applicable to factory made cementitious products, e.g. cement mortar linings to metallic pipes, tanks, concrete pipes etc., intended to be used for the transport and storage of water intended for human consumption, including raw water used for the production of drinking water.

Keel: en
Alusdokumendid: prEN 14944-3
Asendab dokumenti: EVS-EN 14944-3:2007

Arvamusküsitluse lõppkuupäev: 14.11.2021

79 PUIDUTEHNOLOOGIA

prEN 113-3

Durability of wood and wood-based products Test method against wood destroying basidiomycetes - Part 3: assessment of durability of wood-based panels

This European Standard describes a method for assessing the resistance of wood-based panel products to attack by wood-destroying basidiomycete fungi growing in pure culture. The method is applicable to uncoated, rigid wood-based panel products. It is applicable to the determination of the decay resistance of wood-based panel products: — made from naturally durable materials; — made from materials treated with preservatives prior to manufacture; — treated with a preservative which is introduced during manufacture, for example as an additive to the adhesive; — treated with preservative after manufacture. NOTE 1 This method can be used in conjunction with an appropriate ageing procedure, for example EN 73 or EN 84. NOTE 2 Wood-based panel products that have received a preservative treatment after manufacture can be susceptible to attack through the cut edges of the test specimens and the decay resistance indicated can be less than that of complete panels used in service. Annex A (informative) contains a guidance on sampling. Annex B (normative) contains some methods of sterilization. Annex C (informative) contains information on the culture vessels. Annex D (informative) contains an example of a test report. Annex E (informative) contains information on the test fungi.

Keel: en
Alusdokumendid: prEN 113-3
Asendab dokumenti: ENV 12038:2002

Arvamusküsitluse lõppkuupäev: 14.11.2021

83 KUMMI- JA PLASTITÖÖSTUS

prEN 302-1

Adhesives for load-bearing timber structures - Test methods - Part 1: Determination of longitudinal tensile shear strength

This document specifies a method for determining the shear strength of adhesive bonds in close contact glue line and thick glue line. It is suitable for the following applications: a) for assessing the compliance of adhesives with EN 301, EN 15425, EN 16254, EN 17334 and EN 17418; b) for assessing the suitability and quality of adhesives for load-bearing timber structures. This test is intended primarily to obtain performance data for the classification of adhesives for load-bearing timber structures according to their suitability for use in defined climatic environments. This method is not intended for use to provide for structural design and does not necessarily represent the performance of the bonded member in service.

Keel: en
Alusdokumendid: prEN 302-1
Asendab dokumenti: EVS-EN 302-1:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 302-2

Adhesives for load-bearing timber structures - Test methods - Part 2: Determination of resistance to delamination

This document specifies a method for determining the resistance to delamination in glue lines. It is suitable for the following applications: a) for assessing the compliance of adhesives with EN 301, EN 15425, EN 16254, EN 17334 and EN 17418; b) for assessing the suitability and quality of adhesives for load-bearing timber structures; c) for comparing the effects on the bond strength resulting from the choice of bonding conditions, from different climatic conditioning and from the treatment of the test

pieces before and after bonding. This test is not applicable for modified and stabilized wood with strongly reduced swelling and shrinkage properties, such as acetylated wood, heat-treated wood and polymer impregnated wood. This test is intended primarily to obtain performance data for the classification of adhesives for load-bearing timber structures according to their suitability for use in defined climatic environments. This method is not intended to provide data for structural design and does not necessarily represent the performance of the bonded member in service.

Keel: en
Alusdokumendid: prEN 302-2
Asendab dokumenti: EVS-EN 302-2:2017

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 302-4

Adhesives for load-bearing timber structures - Test methods - Part 4: Determination of the effects of wood shrinkage on the shear strength

This document specifies a method for determining the influence of shear strength in crosswise gluing by wood shrinkage under drying conditions. It is suitable for the following applications: a) for assessing the compliance of adhesives with EN 301, EN 15425, EN 16254, EN 17334 and EN 17418; b) for assessing the suitability and quality of adhesives for load-bearing timber structures; c) for determining if the adhesive is capable of withstanding stresses due to wood shrinkage without unacceptable loss of strength. This test is intended primarily to obtain performance data for the classification of adhesives for load-bearing timber structures according to their suitability for use in defined climatic environments. This test is carried out on Norway spruce (Picea abies L.). This method is not intended for use to provide numerical design data and does not necessarily represent the performance of the bonded member in service.

Keel: en
Alusdokumendid: prEN 302-4
Asendab dokumenti: EVS-EN 302-4:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 302-5

Adhesives for load-bearing timber structures - Test methods - Part 5: Determination of maximum assembly time under referenced conditions

This document specifies a laboratory method of determining the maximum assembly time at two spread rate levels in standard atmosphere [20/65]. This document is intended for obtaining a reliable base of comparison of the maximum assembly time between adhesives at referenced conditions.

Keel: en
Alusdokumendid: prEN 302-5
Asendab dokumenti: EVS-EN 302-5:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 302-6

Adhesives for load-bearing timber structures - Test methods - Part 6: Determination of the minimum pressing time under referenced conditions

This document specifies a method of determining the minimum pressing time for two glue line thicknesses, close contact glue line and 0,3 mm thick glue line (for gap filling adhesive 1,0 mm), at three temperatures. It is applicable to adhesives used in load- bearing timber structures. This document is only intended for obtaining a reliable base of comparison of pressing time between adhesives. The method gives results that cannot be applied to the safe manufacture of timber structures without modifications for the influences of timber density/absorbency, moisture content, factory temperature and relative air humidity.

Keel: en
Alusdokumendid: prEN 302-6
Asendab dokumenti: EVS-EN 302-6:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 302-7

Adhesives for load-bearing timber structures - Test methods - Part 7: Determination of the working life under referenced conditions

This document specifies a method for determining the working life for adhesives mixed with hardener for load-bearing timber structures, by a viscosity test. This method is not suitable for determining the working life of a multi-component adhesive whose actual working life is very short. This document is only intended for obtaining a reliable basis for comparison between adhesives. The method gives results which cannot be applied to the safe manufacture of timber structures without modifications for the influences of factory temperature and relative air humidity.

Keel: en
Alusdokumendid: prEN 302-7
Asendab dokumenti: EVS-EN 302-7:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

85 PABERITEHNOLOOGIA

prEN ISO 5263-3

Pulps - Laboratory wet disintegration - Part 3: Disintegration of mechanical pulps at > 85°C (ISO/DIS 5263-3:2021)

This part of ISO 5263 specifies an apparatus and the procedures for the laboratory wet disintegration of mechanical pulps that exhibit latency. This apparatus and procedure are required for preparation of the test portion in a number of other International Standards dealing with pulps. ISO 5263-3 is applicable to all kind of mechanical pulps (i.e. mechanical, semi-chemical and chemi-mechanical pulps) exhibiting latency. Mechanical pulps not exhibiting latency shall be disintegrated according to ISO 5263-2. The procedure specified in ISO 5263-2 should be used to disintegrate all mechanical pulps to be measured for brightness. NOTE Brightness is not significantly altered by the presence of latency; however, hot disintegration of mechanical pulps can lead to significant loss of brightness.

Keel: en
Alusdokumendid: ISO/DIS 5263-3; prEN ISO 5263-3
Asendab dokumenti: EVS-EN ISO 5263-3:2004

Arvamusküsitluse lõppkuupäev: 14.11.2021

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN 927-2

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 2: Performance specification

This document addresses performance criteria for coating systems on exterior wood. Performance requirements are specified according to three categories of end use (defined in EN 927-1) in terms of two mandatory tests, namely natural weathering performance testing carried out in accordance with EN 927-3, and water permeability in accordance with EN 927-5. Additional optional tests (non-mandatory) are tabled which can be used by suppliers, or for specification purposes, to provide additional information, to a standardized format, on aspects of performance relevant to specific situations. The majority of test methods are drawn from EN 927 (all parts), but where relevant additional tests from other national and international sources are used. Requirements for claiming conformity with this document are defined and provide flexibility for different situations and can also provide a basis for certification.

Keel: en
Alusdokumendid: prEN 927-2
Asendab dokumenti: EVS-EN 927-2:2014

Arvamusküsitluse lõppkuupäev: 14.11.2021

91 EHITUSMATERJALID JA EHITUS

FprEN IEC 60335-2-103:2021/prA1:2021

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This European Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part.

Keel: en
Alusdokumendid: IEC 60335-2-103:2015/A1:2017; FprEN IEC 60335-2-103:2021/prA1:2021
Muudab dokumenti: FprEN 60335-2-103:2015

Arvamusküsitluse lõppkuupäev: 14.11.2021

FprEN IEC 60335-2-103:2021/prA2:2021

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This European Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part.

Keel: en
Alusdokumendid: IEC 60335-2-103:2015/A2:2019; FprEN IEC 60335-2-103:2021/prA2:2021
Muudab dokumenti: FprEN 60335-2-103:2015

Arvamusküsitluse lõppkuupäev: 14.11.2021

FprEN IEC 60335-2-103:2021/prAA:2021

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This European Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part.

Keel: en
Alusdokumendid: FprEN IEC 60335-2-103:2021/prAA:2021
Muudab dokumenti: FprEN 60335-2-103:2015
Muudab dokumenti: FprEN IEC 60335-2-103:2021/prA1:2021
Muudab dokumenti: FprEN IEC 60335-2-103:2021/prA2:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 15978-1

Sustainability of construction works - Methodology for the assessment of performance of buildings - Part 1: Environmental Performance

This European Standard specifies the calculation method, based on Life Cycle Assessment (LCA) and other quantified environmental information, to assess the environmental performance of a building, and gives the means for the reporting and communication of the outcome of the assessment. The standard is applicable to new and existing buildings and refurbishment projects. The standard gives: - the description of the object of assessment; - the system boundary that applies at the building level; - the procedure to be used for the inventory analysis; - the list of indicators and procedures for the calculations of these indicators; - the requirements for presentation of the results in reporting and communication; - and the requirements for the data necessary for the calculation. The approach to the assessment covers all stages of the building life cycle and is based on data obtained from Environmental Product Declarations (EPD), their "information modules" (prEN 15804) and other information necessary and relevant for carrying out the assessment. The assessment includes all building related construction products, processes and services, used over the life cycle of the building. The interpretation and value judgments of the results of the assessment are not within the scope of this European Standard.

Keel: en
Alusdokumendid: prEN 15978-1
Asendab dokumenti: EVS-EN 15978:2011

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 1990

Eurocode - Basis of structural and geotechnical design

(1) This document establishes principles and requirements for the safety, serviceability, robustness and durability of structures, including geotechnical structures, appropriate to the consequences of failure. (2) This document is intended to be used in conjunction with the other Eurocodes for the design of buildings and civil engineering works, including temporary structures. (3) This document describes the basis for structural and geotechnical design and verification according to the limit state principle. (4) Design and verification in this document are based primarily on the partial factor method. NOTE 1 Alternative methods are given in the other Eurocodes for specific applications. NOTE 2 The Annexes to this document also provide general guidance concerning the use of alternative methods. (5) This document is applicable for: — structural appraisal of existing construction; — developing the design of repairs, improvements and alterations; — assessing changes of use. (6) This document is applicable for the design of structures where materials or actions outside the scope of EN 1991 to EN 1999 are involved. NOTE In this case additional or amended provisions can be necessary.

Keel: en
Alusdokumendid: prEN 1990
Asendab dokumenti: EVS-EN 1990:2002

Arvamusküsitluse lõppkuupäev: 15.10.2021

prEN 1991-1-2

Eurocode 1: Actions on structures - Part 1-2: General actions - Actions on structures exposed to fire

1.1 Scope of EN 1991-1-2 (1) The methods given in this Eurocode are applicable to buildings and civil engineering works, with a fire load related to the building and its occupancy. (2) EN 1991-1-2 deals with thermal and mechanical actions on structures exposed to fire. It is intended to be used in conjunction with the fire design Parts of EN 1992 to EN 1996 and EN 1999 which give rules for designing structures for fire resistance. (3) EN 1991-1-2 contains thermal actions either nominal or physically based. More data and models for physically based thermal actions are given in annexes. (4) EN 1991-1-2 does not cover the assessment of the damage of a structure after a fire. (5) EN 1991-1-2 does not cover supplementary requirements concerning, for example: - the possible installation and maintenance of sprinkler systems; - conditions on occupancy of building or fire compartment; - the use of approved insulation and coating materials, including their maintenance. 1.2 Assumptions (1) In addition to the general assumptions of EN 1990 the following assumptions apply: - any active and passive fire protection systems taken into account in the design will be adequately maintained; - the choice of the relevant design fire scenario is made by appropriate qualified and experienced personnel, or is given by the relevant national regulation.

Keel: en
Alusdokumendid: prEN 1991-1-2
Asendab dokumenti: EVS-EN 1991-1-2/NA:2007
Asendab dokumenti: EVS-EN 1991-1-2:2004
Asendab dokumenti: EVS-EN 1991-1-2:2004/AC:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 1991-2

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

(1) This document defines imposed loads (models and representative values) associated with road traffic, pedestrian actions and rail traffic which include, when relevant, dynamic effects and centrifugal, braking and acceleration actions and actions for accidental design situations. (2) Imposed loads defined in this document are applicable for the design of new bridges, including piers, abutments, upstand walls, wing walls and flank walls, noise barriers, canopies etc., and their foundations. Where appropriate, the loads can also be considered as a basis for assessment or modification of existing structures in combination with complementary conditions if necessary. (3) The load models and values given in this document are also applicable for the design of retaining walls adjacent to roads and railway lines and the design of earthworks subject to road or rail traffic actions. This document also provides applicability conditions for specific load models. (4) This document is intended to be used with prEN 1990, the other parts of the EN 1991 series and the EN 1992 series to EN 1999 series for the design of structures.

Keel: en
Alusdokumendid: prEN 1991-2
Asendab dokumenti: EVS-EN 1991-2/NA:2007
Asendab dokumenti: EVS-EN 1991-2:2004
Asendab dokumenti: EVS-EN 1991-2:2004/AC:2010

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 1992-1-1

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

This standard gives the general basis for the design of structures in plain, reinforced and prestressed concrete made with normal weight, lightweight and heavyweight aggregates together with specific rules for buildings, bridges and civil engineering structures, including temporary structures, under temperature conditions between –40 °C and +100 °C generally. It complies with the principles and requirements for the safety, serviceability, durability and robustness of structures, the basis of their design and verification that are given in EN 1990 Basis of structural and geotechnical design. EN 1992 is only concerned with the requirements for resistance, serviceability, durability, robustness and fire resistance of concrete structures. Other requirements, e.g. concerning thermal or sound insulation, are not considered. This Part 1-1 does not cover: − resistance to fire (see EN 1992-1-2), − fastenings in concrete (see EN 1992-4), − seismic design (see EN 1998), − particular aspects of special types of civil engineering works (such as dams, pressure vessels), − design with galvanised reinforcing steel, − structures made with no-fines concrete, aerated or cellular concrete, lightweight aggregate concrete with open structure components, − structures containing structural steel sections (see EN 1994 for composite steel-concrete structures), − Structural parts made of concrete with D_lower < 8 mm, unless otherwise stated in the code.

Keel: en
Alusdokumendid: prEN 1992-1-1
Asendab dokumenti: EVS-EN 1992-1-1/NA:2007
Asendab dokumenti: EVS-EN 1992-1-1:2005
Asendab dokumenti: EVS-EN 1992-1-1:2005/AC:2010
Asendab dokumenti: EVS-EN 1992-1-1:2005+A1:2015/NA:2015

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 1992-1-2

Eurocode 2: Design of concrete structures - Part 1-2: General rules - Structural fire design

1.1 Scope of prEN 1992-1-2 (1) This document deals with the design of concrete structures for the accidental situation of fire exposure and is intended to be used in conjunction with prEN 1992-1-1 and EN 1991-1-2. This document identifies differences from, or supplements to, normal temperature design. (2) This document applies to concrete structures required to fulfil a loadbearing function, separating function or both. (3) This document gives principles and application rules for the design of structures for specified requirements in respect of the aforementioned functions and the levels of performance. (4) This document applies to structures, or parts of structures, that are within the scope of prEN 1992-1-1 and are designed accordingly. (5) The methods given in this document are applicable to normal weight concrete up to strength class C100/115 and lightweight concrete up to strength class LC50/60. 1.2 Assumptions (1) In addition to the general assumptions of prEN 1990 the following assumptions apply: - the choice of the relevant design fire scenario is made by appropriate qualified and experienced personnel or is given by the relevant national regulation; - any fire protection measure taken into account in the design will be adequately maintained.

Keel: en
Alusdokumendid: prEN 1992-1-2
Asendab dokumenti: EVS-EN 1992-1-2/NA:2008
Asendab dokumenti: EVS-EN 1992-1-2:2005
Asendab dokumenti: EVS-EN 1992-1-2:2005/AC:2008
Asendab dokumenti: EVS-EN 1992-1-2:2005+NA+A1:2019 arhiiv

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 1996-3

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

1.1 Scope of prEN 1996-3 (1) The scope of EN 1996-1-1 applies also to this this document. (2) This document provides simplified calculation methods to facilitate the design of the following unreinforced masonry walls, subject to certain conditions of

application: - walls subjected to vertical and wind loads; - walls subjected to concentrated loads; - shear walls; - basement walls subjected to lateral earth pressure and vertical loads; - walls subjected to lateral loads but not subjected to vertical loads. NOTE For those types of masonry structures or parts of structures not covered by (2), the design can be based on EN 1996-1-1. (3) The rules given in this document are consistent with those given in EN 1996-1-1, but are more conservative in respect of the conditions and limitations of their use. (4) The rules given in this document assume that concrete floors are designed according to EN 1992-1-1. (5) This document applies only to those masonry structures, or parts thereof, that are described in EN 1996-1-1 and EN 1996-2. (6) The simplified calculation methods given in this document do not cover the design of double-leaf walls. (7) The simplified calculation methods given in this document do not cover the design for accidental situations. 1.2 Assumptions (1) The assumptions of EN 1990 apply to this document.

Keel: en
Alusdokumendid: prEN 1996-3
Asendab dokumenti: EVS-EN 1996-3/NA:2009
Asendab dokumenti: EVS-EN 1996-3:2006
Asendab dokumenti: EVS-EN 1996-3:2006/AC:2009

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 81-43

Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 43: Lifts for cranes

1.1 This document specifies the safety requirements for the construction and installation of power operated lifts attached to cranes and intended for access to workplaces on cranes, by authorised persons. This includes intended use, erection, dismantling, inspection and maintenance. The lift serves defined landing levels and has a load carrying unit which is: - designed for the transportation of persons and goods; - guided; - travelling vertically or along a path within 15 degrees maximum from the vertical; - supported by rack and pinion or suspended by steel wire ropes; - travelling with a speed not more than 1,0 m/s for permanent lifts and not more than 0,4 m/s for temporary lifts. 1.2 This document identifies hazards as listed in Clause 4 which arise during the various phases in the life of such equipment and describes methods for the elimination or reduction of these hazards when used as intended by the manufacturer. 1.3 This document does not specify the additional requirements for: - operation in severe conditions (e.g. extreme climates, strong magnetic fields); - lightning protection; - operation subject to special rules (e.g. potentially explosive atmospheres); NOTE Directive 94/9/EC concerning equipment and protective systems intended for use in potentially explosive atmospheres can be applicable to the type of machine or equipment covered by this European Standard. The present standard is not intended to provide means of complying with the essential health and safety requirements of Directive 94/9/EC. - electromagnetic compatibility (emission, immunity); - handling of loads the nature of which could lead to dangerous situations; - the use of combustion engines; - hydraulic drive units; - hazards occurring during manufacturing process; - hazards occurring as a result of being erected over a public road; - earthquakes; - noise (see also Directive on noise emissions from machines used outdoors (2000/14/EC)).

Keel: en
Alusdokumendid: prEN 81-43
Asendab dokumenti: EVS-EN 81-43:2009

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN ISO 29481-3

Building information models - Information delivery manual - Part 3: Data schema and code (ISO/DIS 29481-3:2021)

This part of ISO 29481 Information Delivery Manual (IDM) specifies: • a data schema for exchanging the data required in specific data exchange scenarios during the building lifecycle in the extensible markup language (XML) schema format. • a classification system for IDM specifications. This part of ISO 29481 is intended to facilitate interoperability and reusability of IDM specifications. It promotes digital collaboration between actors in the construction process and provides a basis for accurate, reliable, repeatable and high-quality information exchange.

Keel: en
Alusdokumendid: ISO/DIS 29481-3; prEN ISO 29481-3

Arvamusküsitluse lõppkuupäev: 14.11.2021

93 RAJATISED

prEN 1463-3

Road marking materials - Part 3: Active road studs: performance requirements

This document specifies the product characteristics, laboratory test methods, the way of expressing results and the relevant procedures for assessment and verification of the constancy of performance for active road studs (see 3.1), intended to be used for permanent road markings, delineation and signalling purposes in circulation areas. This document covers: - active road studs without retroreflector(s), emitting light in white, red, yellow/amber, orange, green and blue colours; - active road studs equipped with retroreflector(s), of white, yellow, amber, red and green colour of their reflectors; - self-contained active road studs (means of power supply are not covered by this document); - hard wired active road studs (means to feed light or power are not covered by this document); - active road studs with one or more luminous faces; - active road studs that emit light that appears constant to the human eye or be flashing at a low frequency; - active road studs that are either being bonded to, entered within or embedded within the road surface; - active road studs that are depressible or non-depressible. This document does not cover products which are designed with voltage rating above 50 V for alternating current and above 75 V for direct current. Voltage ratings refer to the voltage of the electrical input or output, not to voltages that can appear inside the equipment.

Keel: en
Alusdokumendid: prEN 1463-3

Arvamusküsitluse lõppkuupäev: 15.10.2021

prEN 1991-2

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

(1) This document defines imposed loads (models and representative values) associated with road traffic, pedestrian actions and rail traffic which include, when relevant, dynamic effects and centrifugal, braking and acceleration actions and actions for accidental design situations. (2) Imposed loads defined in this document are applicable for the design of new bridges, including piers, abutments, upstand walls, wing walls and flank walls, noise barriers, canopies etc., and their foundations. Where appropriate, the loads can also be considered as a basis for assessment or modification of existing structures in combination with complementary conditions if necessary. (3) The load models and values given in this document are also applicable for the design of retaining walls adjacent to roads and railway lines and the design of earthworks subject to road or rail traffic actions. This document also provides applicability conditions for specific load models. (4) This document is intended to be used with prEN 1990, the other parts of the EN 1991 series and the EN 1992 series to EN 1999 series for the design of structures.

Keel: en
Alusdokumendid: prEN 1991-2
Asendab dokumenti: EVS-EN 1991-2/NA:2007
Asendab dokumenti: EVS-EN 1991-2:2004
Asendab dokumenti: EVS-EN 1991-2:2004/AC:2010

Arvamusküsitluse lõppkuupäev: 14.11.2021

97 OLME. MEELELAHUTUS. SPORT

EN 1335-1:2020/prA1

Office furniture - Office work chair - Part 1: Dimensions - Determination of dimensions

This part of prEN 1335:2017 applies to office work chairs. It specifies dimensions of three types of chairs as well as test methods for their determination. Annex A (informative) contains a Rationale for office chair features and comparison between current published dimensions with European anthropometric data.

Keel: en
Alusdokumendid: EN 1335-1:2020/prA1
Muudab dokumenti: EVS-EN 1335-1:2020

Arvamusküsitluse lõppkuupäev: 14.11.2021

EN 50570:2013/prA2:2021

Household and similar electrical appliances - Safety - Particular requirements for commercial electric tumble dryers

This European Standard deals with the safety of electrical operated tumble dryers intended to be used by trained users in i.e. hotels, hospitals, factories, in light industry and on farms. It also covers tumble dryers which are declared for commercial use in public areas and operated by lay persons e.g. in laundrettes, communal laundry rooms. The rated voltage shall not be more than 250 V for single phase and 480 V for others.

Keel: en
Alusdokumendid: EN 50570:2013/prA2:2021
Muudab dokumenti: EVS-EN 50570:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

EN 50571:2013/prA2:2021

Household and similar electrical appliances - Safety - Particular requirements for commercial electric washing machines

This European Standard deals with the safety of electrical operated washing machines intended to be used by trained users in e.g. hotels, hospitals, factories, in light industry and on farms. It also covers washing machines declared for commercial use in public areas and operated by lay persons e.g. in laundrettes, communal laundry rooms. Their rated voltage being not more than 250 V for single phase and 480 V for others.

Keel: en
Alusdokumendid: EN 50571:2013/prA2:2021
Muudab dokumenti: EVS-EN 50571:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

FprEN IEC 60335-2-58:2021/prAA:2021

Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines

This European Standard deal with the safety of electrically operated dishwashing machines for washing plates, dishes, glassware, cutlery and similar articles, with or without means for water heating or drying, not intended for household 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: FprEN IEC 60335-2-58:2021/prAA:2021
Muudab dokumenti: prEN 60335-2-58:2016

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 12230

Surfaces for sports areas - Test method for the determination of tensile properties of synthetic sports surfaces

This document specifies three methods for the determination of the tensile properties of materials used as surfaces, elastic layers and shockpads for sports areas. Method 1 measures the tensile strength of homogenous test specimens that are less than 25 mm in thickness. Method 2 measures the transversal tensile strength of homogenous test specimens that are more than 25 mm in thickness. Method 3 measures the tensile strength of sports surfaces or shockpads that are non-homogenous and contain slots or grooves cut into their structure. This document is applicable both to prefabricated sheet materials and to materials formed by casting of liquid systems cured in- situ. NOTE If the nature of the sports surface is such that a properly representative test piece cannot be prepared in the manner described in this document, then determination of tensile properties should not be attempted for quality control purposes, or as a predictor of performance in use. With such materials, it can be more appropriate to determine their compressive properties or other dynamic characteristics for these purposes.

Keel: en
Alusdokumendid: prEN 12230
Asendab dokumenti: EVS-EN 12230:2003

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 15372

Furniture - Strength, durability and safety - Requirements for non-domestic tables

This document specifies requirements for the safety, strength and durability of all types of non-domestic tables including those with glass in their construction. It does not apply to office work tables or desks, tables for educational institutions, laboratory workbenches for educational institutions and outdoor tables for which EN standards exist. It does not apply to laboratory workbenches for professional use and industrial workbenches. With exception of the stability tests, this document does not provide assessment of the suitability of any storage features included in non-domestic tables. It does not include requirements for electrical safety. It does not include requirements for the resistance to ageing, degradation. This document has three annexes: — Annex A (normative) Test methods for finger entrapment; — Annex B (informative) Additional test requirements; — Annex C (informative) Test severity in relation to application.

Keel: en
Alusdokumendid: prEN 15372
Asendab dokumenti: EVS-EN 15372:2016

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 17736

Entertainment technology - Specifications for design and manufacture of aluminium stage decks and frames

This document specifies the safety requirements for planning, selection, production, intended use as well as testing of aluminium stage decks and frames that are capable of being used as aluminium stage decks, inclinations, steps and stairs; including railings for performance areas (stages) and stands. This document deals with all of the significant hazards, hazardous situations or hazardous events relevant to aluminium stage decks and frames when they are used as intended and under conditions of misuse reasonably foreseeable by the manufacturer. If these products become components of a built environment, then structural requirements are expected to be taken into consideration. This document does not apply to scaffolding used as substructures in stage and studio environments in accordance with the standard series EN 12810 and EN 12811 and not for fairground rides in accordance with EN 13814-1.

Keel: en
Alusdokumendid: 15921; prEN 17736

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN 30-1-2

Domestic cooking appliances burning gas - Safety - Part 1-2: Appliances having forced-convection ovens

This European Standard specifies the special constructional and operational characteristics, as well as the requirements and methods of test for safety and marking, for domestic cooking appliances having forced-convection ovens and /or grills using combustible gases, as defined in EN 30-1-1:2008+A2:2010. Unless specifically excluded, this European Standard applies to appliances or their component parts, whether the component parts are independent or incorporated as part of the appliance, even if the other heating components use electrical energy (for example combined gas-electric cookers). This European Standard includes requirements covering the electrical safety of equipment incorporated in the appliance that are associated with the use of gas. It does not include requirements covering the electric safety of electrically-heated components or their associated equipment1). This European Standard does not apply to: - outdoor appliances; - appliances connected to a combustion products evacuation duct; - appliances having a pyrolytic gas oven; - appliances having covered burners which do

not comply with the constructional requirements of EN 30-1-1:2008+A2:2010, 5.2.8.2.2; - appliances incorporating flame supervision devices and having an automatic ignition device for which the duration of the ignition attempt is limited by design; - appliances equipped with a burner that is periodically ignited and extinguished under the control of an automatic on/off device; - appliances equipped with a burner having a fan for the supply of combustion air or for the evacuation of the products of combustion; - appliances supplied at pressures greater than those defined in EN 30-1-1:2008+A2:2010, 7.1.2; - appliances equipped with an oven and/or with a grill having a fan either for the supply of combustion air or for the evacuation of the products of combustion; - appliances equipped with a compartment in which a burner and an electric heating element can function simultaneously; - appliances having one or more burners that are capable of remote operation (type 1 or type 2), unless the burner(s) concerned are thermostatically controlled oven burners of time-controlled ovens that are designed for a delayed start without the user being present. This European Standard does not cover the requirements relating to third family gas cylinders, their regulators and their connection. This European Standard only covers type testing.

Keel: en
Alusdokumendid: prEN 30-1-2
Asendab dokumenti: EVS-EN 30-1-2:2012

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-113:2021

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

This European Standard deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, where their operation relies on contact with the skin, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: IEC 60335-2-113:2016; prEN IEC 60335-2-113:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-113:2021/prA11:2021

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

This European Standard deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, where their operation relies on contact with the skin, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: prEN IEC 60335-2-113:2021/prA11:2021
Muudab dokumenti: prEN IEC 60335-2-113:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-115:2021

Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances

This European Standard deals with the safety of electric appliances for skin beauty care of persons and intended for household, commercial and similar purposes, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: IEC 60335-2-115:2021; prEN IEC 60335-2-115:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-115:2021/prA11:2021

Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances

This European Standard deals with the safety of electric appliances for skin beauty care of persons and intended for household, commercial and similar purposes, their rated voltage being not more than 250 V

Keel: en
Alusdokumendid: prEN IEC 60335-2-115:2021/prA11:2021
Muudab dokumenti: prEN IEC 60335-2-115:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-34:2021

Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors

This European Standard deals with the safety of sealed (hermetic and semi-hermetic type) motor-compressors, their protection and control systems, if any, which are intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment. It applies to motor-compressors tested separately, under the most severe conditions that may be expected to occur in normal use, their rated voltage being not more than 250 V for single-phase motor-compressors and 480 V for other motor-compressors.

Keel: en
Alusdokumendid: IEC 60335-2-34:2021; prEN IEC 60335-2-34:2021
Asendab dokumenti: EVS-EN 60335-2-34:2013

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 60335-2-34:2021/prA11:2021

Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors

This European Standard deals with the safety of sealed (hermetic and semi-hermetic type) motor-compressors, their protection and control systems, if any, which are intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment. It applies to motor-compressors tested separately, under the most severe conditions that may be expected to occur in normal use, their rated voltage being not more than 250 V for single-phase motor-compressors and 480 V for other motor-compressors

Keel: en
Alusdokumendid: prEN IEC 60335-2-34:2021/prA11:2021
Muudab dokumenti: prEN IEC 60335-2-34:2021

Arvamusküsitluse lõppkuupäev: 14.11.2021

prEN IEC 61855:2021

Household and similar use electrical hair care appliances - Methods for measuring the performance

This document applies to electrical appliances for household and similar use for drying and styling hair (including their accessories). This document defines the main performance characteristics that are of interest to the user and specifies methods of measuring these characteristics. This document does not specify the requirements for performance. This document does not apply to electric hair clippers or trimmers. NOTE 1 Examples of this document are as follows: - Hair dryer; - Hair curler; - Hair straightener. NOTE 2 This document does not deal with safety requirements (IEC 60335-2-23). NOTE 3 The standard about the method of measuring the performance of electric hair clippers or trimmers for household use is IEC 62863. NOTE 4 Due to the influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, most of the described test methods will give more reliable results when applied for comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator.

Keel: en
Alusdokumendid: IEC 61855 ED2; prEN IEC 61855:2021
Asendab dokumenti: EVS-EN 61855:2003

Arvamusküsitluse lõppkuupäev: 14.11.2021

TÕLKED KOMMENTEERIMISEL

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

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

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

EVS-EN 50549-2:2019

Nõuded jaotusvõrkudega paralleelselt ühendatud tootmisüksustele. Osa 2: Ühendus keskpingejaotusvõrguga Tootmisüksused kuni tüübini B (kaasa arvatud)

See dokument täpsustab tehnilisi nõudeid keskpingejaotusvõrkudega paralleelselt talitlemiseks mõeldud tootmisüksuste kaitsefunktsioonidele ja talitluslikule suutlikkusele. Praktilistel põhjustel osutab see dokument vastutavale poolele seal, kus nõuded tuleb määratleda teisel osalisel, kes ei ole jaotusvõrguettevõtja, nt õigusliku raamistiku kohaselt põhivõrguettevõtja, liikmesriik, regulaatorid. Tavaliselt informeerib nendest nõuetest tootjat jaotusvõrguettevõtja. MÄRKUS 1 See hõlmab Euroopa võrgueeskirju ja nende riiklikku rakendamist, samuti lisanduvaid riiklikke määrusi. MÄRKUS 2 Lisaks võivad rakenduda riiklikud nõuded eriti jaotusvõrguga liitumisele ja tootmisüksuse talitlemisele. Selle dokumendi nõuded kehtivad sõltumata energiaallika liigist ja olenemata koormuste olemasolust tootja võrgus tootmisüksustele, tootmismoodulitele, elektrimasinatele ja elektroonikaseadmetele, mis vastavad kõikidele järgmistele tingimustele: — muundavad mis tahes energiaallika vahelduvvoolu elektriks; — Euroopa Komisjoni määruse (EL) 2016/631 kohaselt B-tüüpi või väiksema võimsusega tootmismoodulid, samal ajal arvestades ka riiklikul tasemel otsust võimsuse piiridele A- ja B-tüübi ning B- ja C-tüübi vahel; — ühendatud ja talitleb paralleelselt vahelduvvoolu keskpingejaotusvõrguga. MÄRKUS 3 Madalpingejaotusvõrguga ühendatud tootmisüksused kuuluvad standardi EN 50549-1 käsitlusalasse. MÄRKUS 4 Käsitletakse ka elektrilisi energiasalvestussüsteeme (EESS), mis vastavad ülaltoodud tingimustele. Kui ühte tootmisüksusesse on ühendatud eri tüüpi (A või B) tootmismooduleid, siis lähtuvalt eri moodulite tüübist rakenduvad nendele erinevad nõuded. NÄIDE Kui tootmisüksus koosneb mitmest tootmismoodulist (vt termin 3.2.1) Euroopa Komisjoni määruse (EL) 2016/631 kohaselt, võib esineda olukord, kus mõned tootmismoodulid on A-tüüpi ja mõned on B-tüüpi. Kui jaotusvõrguettevõtja ja vastutav pool ei ole määranud teisiti, võivad tootmisüksused, mille maksimaalne näivvõimsus on kuni 150 kVA, alternatiivselt selles dokumendis esitatud nõuetele olla vastavuses standardis EN 50549-1 esitatud nõuetega. Jaotusvõrguettevõtja ja vastutav pool võivad määratleda teise lävepiiri. See dokument tunnistab liikmesriigis jaotusvõrguettevõtja või teise vastutava poole konkreetsete tehniliste nõuete (nt võrgueeskirjad) olemasolu ja neid tuleb järgida. Käsitlusalast on välja jäetud • liitumispunkti valik ja hindamine; • elektrisüsteemi mõjude hindamine, nt elektri kvaliteedi mõjude hindamine, kohalik pinge tõus, mõju liinikaitse rakendumisele; • liitumise hindamine; liitumise planeerimise osana tehtavad tehnilised vastavuse analüüsid; • tootmisüksuste saartalitlus, nii tahtlik kui ka tahtmatu, kus ei ole hõlmatud ükski jaotusvõrgu osa; • ajamite nelja-kvadrandilised alaldid, mis suunavad pidurdusenergiat tagasi jaotusvõrku piiratud aja jooksul ja mis ei oma sisemist primaarenergiaallikat; • katkematud toiteallikad, mille paralleeltalitlus on piiratud 100 ms; MÄRKUS 5 Katkematute toiteallikate hooldusest tingitud paralleeltalitlust ei käsitleta katkematu toiteallika normaaltalitlusena ja seetõttu ei käsitleta seda selles dokumendis. • personali ohutuse nõuded, kuna need on juba olemasolevate Euroopa standarditega küllaldaselt kaetud; • tootmisseadme, -mooduli või -üksuse ühendamine alalisvooluvõrguga.

Keel: et
Alusdokumendid: EN 50549-2:2019

Kommenteerimise lõppkuupäev: 15.10.2021

EVS-EN ISO 14064-3:2019

Kasvuhoonegaasid. Osa 3: Kasvuhoonegaaside hinnangu tõendamise ja valideerimise nõuded koos juhistega

Selles Eesti standardis kirjeldatakse põhimõtteid ja nõudeid ning antakse juhiseid kasvuhoonegaaside (KHG-de) otsuste tõendamiseks ja valideerimiseks. See on kohaldatav organisatsiooni, kava ja toote KHG-de otsustele. ISO 14060 standardite perekond on KHG-de programmist sõltumatu. Kui KHG-de programm on rakendatav, siis on selle KHG-de programmi nõuded täienduseks ISO 14060 standardite perekonna nõuetele.

Keel: et
Alusdokumendid: ISO 14064-3:2019; EN ISO 14064-3:2019

Kommenteerimise lõppkuupäev: 15.10.2021

prEVS-EN 10216-5

Terasest õmblusteta survetorud. Tehnilised tarnetingimused. Osa 5: Roostevabast terasest torud

Käesolev dokument spetsifitseerib austeniitsest (sealhulgas roomekindlast terasest) ja austeniit-ferriitsest roostevabast terasest valmistatud ümmarguse ristlõikega keevisõmblusteta torude tehnilised tarnetingimused, mis on ette nähtud rõhu- ja korrosioonikindlaks kasutamiseks ruumitemperatuuril, madalal temperatuuril või kõrgendatud temperatuuril, kahes katsekategoorias. MÄRKUS Pärast viite avaldamist sellele dokumendile Euroopa Liidu Teatajas (Official Journal of the European Union, OJEU) piirdub selle vastavus direktiivi 2014/68/EL olulistele ohutusnõuetele (Essential Safety Requirements, ESR) selles standardis käsitletud materjalide tehniliste andmetega ja see ei tähenda, et need materjalid sobiksid konkreetsele surveseadmele. Sellest tulenevalt tuleb surveseadmete direktiivi (Pressure Equipment Directive) oluliste ohutusnõuete täitmise verifitseerimisel hinnata selles materjalistandardis esitatud tehniliste andmete vastavust konkreetse surveseadme projekteerimisnõuetele ja seda peab tegema surveseadme projekteerija või tootja, võttes arvesse ka kõiki järgnevaid valmistusprotsesse, mis võivad mõjutada alusmaterjalide omadusi.

Keel: et
Alusdokumendid: EN 10216-5:2021

Kommenteerimise lõppkuupäev: 15.10.2021

prEVS-EN 10217-7

Terasest keevitatud survetorud. Tehnilised tarnetingimused. Osa 7: Roostevabast terasest torud

Standardi EN 10217 käesolev osa spetsifitseerib austeniit- ja austeniit-ferriitterasest valmistatud ümmarguse ristlõikega keevitatud torude tehnilised tarnetingimused, mis on ette nähtud kasutamiseks survekoormusel ja söövitavas keskkonnas toatemperatuuril, madalal temperatuuril ja kõrgendatud temperatuuril, kahes katsekategoorias. MÄRKUS Pärast viite avaldamist sellele dokumendile Euroopa Liidu Teatajas (Official Journal of the European Union, OJEU) piirdub selle vastavus direktiivi 2014/68/EL olulistele ohutusnõuetele (Essential Safety Requirements, ESR) selles standardis käsitletud materjalide tehniliste andmetega ja see ei tähenda, et need materjalid sobiksid konkreetsele surveseadmele. Sellest tulenevalt tuleb surveseadmete direktiivi (Pressure Equipment Directive) oluliste ohutusnõuete täitmise verifitseerimisel hinnata selles materjalistandardis esitatud tehniliste andmete vastavust konkreetse surveseadme projekteerimisnõuetele ja seda peab tegema surveseadme projekteerija või tootja, võttes arvesse ka kõiki järgnevaid valmistusprotsesse, mis võivad mõjutada alusmaterjalide omadusi.

Keel: et
Alusdokumendid: EN 10217-7:2021

Kommenteerimise lõppkuupäev: 15.10.2021

prEVS-EN 10253-2

Põkk-keevitusega toruliitmikud. Osa 2: Erijärelevalvenõuetega legeerimata ja ferriitsed legeerterased

Käesolev dokument spetsifitseerib tehnilised tarnenõuded õmbluseta ja keevitatud liitmikele (põlved, kontsentrilised ja ekstsentrilised siirdmikud, võrdsed ja kitsama haruga kolmikud, otsikud), mis on valmistatud süsinik- ja legeerterasest kahes katsekategoorias ning on ette nähtud kasutamiseks surve all, ruumitemperatuuril, madalal temperatuuril või kõrgendatud temperatuuril, vedelike ja gaaside edastamiseks ja jaotamiseks. Standard spetsifitseerib: a) liitmike tüübi: Tüüp A: Põkk-keevitatavad liitmikud, vähendatud rõhuteguriga; Tüüp B: Põkk-keevitatavad liitmikud kasutamiseks täistöörõhul; b) terasklassid ja nende keemilised koostised; c) mehaanilised omadused; d) mõõtmed ja tolerantsid; e) nõuded järelevalvele ja katsetamisele; f) järelevalvedokumendid; g) märgistamine; h) kaitsmine ja pakendamine. MÄRKUS Sobiva liitmiku (materjal, paksus) valiku eest on lõppkokkuvõttes vastutav surveseadme tootja [vt European Legislation for Pressure Equipment (Surveseadmete Euroopa Õigusaktid)]. Materjalide ühtlustatud tugistandardite puhul piirdub põhilistele ohutusnõuetele vastavuse eeldus standardis esitatud materjalide tehniliste andmetega ega tähenda seda, et materjal sobib konkreetsele seadmele. Seetõttu tuleb materjalistandardis esitatud tehnilisi andmeid hinnata vastavalt kõnealuse seadme konstruktsioonile esitatavatele nõuetele, et tagada surveseadmete direktiivi (PED) põhiliste ohutusnõuete järgimine.

Keel: et
Alusdokumendid: EN 10253-2:2021

Kommenteerimise lõppkuupäev: 15.10.2021

prEVS-EN ISO 22854

Vedelad naftasaadused. Süsivesinikutüüpide ja hapnikurikaste määramine mootoribensiinis ja mootorikütuses etanoolis (E85). Mitmemõõtmeline gaasikromatograafia meetod

Selles dokumendis täpsustatakse mootoribensiini ja etanoolikütuses (E85) olevate küllastunud, olefiinsete ja aromaatsete süsivesinike gaaskromatograafilise määramise (GC) katsemeetodit. Lisaks saab määrata benseeni ja tolueeni, hapnikku sisaldavate ühendite sisalduse ja kogu hapnikusisalduse. MÄRKUS 1 Selle dokumendi tähenduses kasutatakse aine kohta väljendit “% (m/m)” aine massiosa w tähistamiseks ja φ mahuosa murdosaks “% (V/V)”. Selles dokumendis määratletakse kaks toimingut, A ja B. Toimingut A saab kasutada mootoribensiinil, kus aromaatide üldsisaldus on 19,32 … 46,29 % (V/V), olefiinide üldsisaldus 0,40 … 26,85 % (V/V), hapnikuühendite sisaldus 0,62 … 9,85 % (V/V), hapniku sisaldus 1,50 … 12,32 % (m/m), benseeni sisaldus 0,38 … 1,98 % (V/V) ja tolueeni sisaldus 5,85 … 31,65 % (V/V). Toimingut kasutati ka üksikutel hapnikku ühenditel. Täpsus määrati metanooli üldmahule 1,05 … 16,96 % (V/V), etanooli üldmahule 0,50 … 17,86 % (V/V) , MTBE kogumahule 0,99 … 15,70 % (V/V), ETBE kogumahule 0,99 … 15, 49 % (V/V), TAME üldmahule 0,99 … 5,92% (V/V) ja TAEE üldmahule 0,98 … 15,59 % (V/V). Kuigi seda toimingut saab kasutada kõrgema, üle 50 % (V/V), olefiini sisalduse määramiseks, määrati olefiinide täpsust ainult vahemikus 0,40 … 26,85 % (V/V). Kuigi see toiming töötati välja eraldi hapnikku ühendeid sisaldavate mootoribensiini analüüsimiseks, võib seda kasutada ka teistel sarnaste keemisvahemikega süsivesinikel, nagu näiteks naftad ja reformaadid. MÄRKUS 2 Toimingu A puhul kontrolliti selle dokumendi rakendatavust ka n-propanooli, atsetooni ja diisopropüüleetri (DIPE) määramiseks. Nende ühendite kohta pole siiski täpsust kindlaks tehtud. Toiming B kirjeldab hapnikku sisaldavate ühendite (etanool, metanool, eeter, C3 kuni C5 alkoholid) analüüsi etanoolkütustes (E85), mille etanoolisisaldus on vahemikus 50 … 85 % (V/V). Mootoribensiin lahjendatakse hapnikuvaba komponendiga, et vähendada etanoolisisaldust enne GC analüüsi alla 20% (V/ V) väärtuseni. Proovi süsivesinikke saab täielikult analüüsida. Lahjendatud proovi täpsus on ainult hapnikuühendite rühma kohta. MÄRKUS 3 Toimingu B puhul saab täpsust kasutada etanoolisisaldusel ligikaudu 50 … 85 % (V/V). Eetri sisalduse kohta võib tabelis 6 toodud täpsust kasutada proovide juhul, kui eetri sisaldus on vähemalt 11 % (V/V). Kõrgema alkoholisisalduse kohta saadi täieliku täpsuse saamiseks liiga vähe andmeid ja seetõttu on tabelis 6 esitatud andmed ainult soovituslikud. MÄRKUS 4 C9 ja C10 aromaatsed ühendid võivad kattuda. Üldine tulemus on siiski õige. Isopropüülbenseen eraldatakse C8 aromaatsetest ühenditest ja ühineb teiste C9 aromaatsete ühenditega.

Keel: et
Alusdokumendid: ISO 22854:2021; EN ISO 22854:2021

Kommenteerimise lõppkuupäev: 15.10.2021

prEVS-ISO 10014

Kvaliteedijuhtimine. Organisatsiooni juhtimine kvalitiivsete tulemuste saavutamiseks. Juhised rahaliste ja majanduslike hüvede saavutamiseks

Käesolev dokument annab juhiseid rahalise ja majandusliku kasu realiseerimiseks, rakendades ülalt alla struktureeritud lähenemisviisi rahalise ja majandusliku kasu saavutamiseks. Struktureeritud lähenemisviis kasutab kvaliteedijuhtimise põhimõtteid ja kvaliteedijuhtimissüsteemi, mida on kirjeldatud ISO 9000 juhtimissüsteemi standardite perekonnas, et: a) jälgida ja hallata peamiste toimivusmõõdikute suundumusi; b) rakendada täiustatud meetmeid, mis põhinevad täheldatud mõõdikutel. See dokument on suunatud konkreetselt organisatsiooni tippjuhtkonnale. See dokument on kohaldatav igale organisatsioonile, olenemata sellest, kas tegemist on avaliku, era- või mittetulundussektoriga, olenemata selle ärimudelist, tuludest, töötajate arvust, toote- ja teenustepakkumiste mitmekesisusest, organisatsioonikultuurist, protsesside keerukusest, kohast või asukohtade arv. See dokument täiendab standardeid ISO 9001: 2015 ja ISO 9004: 2018 ning toob näiteid nendes standardites kasutatavate mõistete rakendamisest saavutatava kasu kohta. Selles dokumendis tuuakse välja praktilised juhtimismeetodid ja -vahendid, mis aitavad kasu saada.

Keel: et
Alusdokumendid: ISO 10014:2021

Kommenteerimise lõppkuupäev: 15.10.2021

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 746:2010

Tükikauba koguse mõõtmine. Mõõtemetoodika
Piece goods quantity measurement - Measurement method

Käesolev Eesti standard käsitleb kauba koguse mõõtmist tükikauba loendamise teel ning (vajadusel) tükikauba kaubapartii kogumassi või -mahu väärtuse ja selle mõõtemääramatuse arvutamist tükikauba massi või mahu väärtuste põhjal. Standardi mõõtemetoodika kirjeldab tükikauba loendamist, kaubapartii kogumassi või -mahu väärtuse arvutamist ladudes, kauplustes, müügitehingutes, tollis ja muudel analoogilistel juhtudel. Standardi mõõtemetoodikat on võimalik kasutada tolliseadusega, aktsiisiseadusega, tarbijakaitseseadusega ja mõõteseadusega määratletud juhtudel riigijärelevalve toimingutes ning maksude määramisel kaubakoguste massi ja mahu mõõtmisel tollis, aktsiisiladudes, riigijärelevalve ametites ja asutustes.

Pikendamisküsitluse lõppkuupäev: 15.10.2021

EVS 812-2:2014

Ehitiste tuleohutus. Osa 2: Ventilatsioonisüsteemid
Fire safety of constructions - Part 2: Ventilation systems

See standard sätestab tuleohutusnõuded ehitiste ventilatsioonisüsteemide projekteerimisele, ehitamisele ja ekspluatatsioonile. Standardis käsitletakse mitut tuletõkkesektsiooni teenindavat ventilatsiooniseadet (keskventilatsiooniseadet) ning rakenduslikus mahus ka ühte tuletõkkesektsiooni teenindavat ventilatsiooniseadet. Seda standardit võib rakendada peale põhiliste ventilatsiooniseadmete ka täiendavate ventilatsiooniseadmete tuleohutusele. Täiendavateks seadmeteks on näiteks soojaõhugeneraatorite kanalivõrgud, puru-, tolmu- jms eemalduskanalid, materjalide ülekandekanalid jne. Standardi kasutamisel tuleb arvestada Vabariigi Valitsuse 27. oktoobri 2004 määrust nr 315.

Pikendamisküsitluse lõppkuupäev: 15.10.2021

EVS 812-5:2014

Ehitiste tuleohutus. Osa 5: Kütuseterminalide ja tanklate tuleohutus
Fire safety of constructions - Part 5: Fire safety of oil terminals and gas stations

See standard sätestab ehituslikud tuleohutusnõuded põlevvedelike käitlemisega tegelevatele tanklatele ja terminalidele (VI kasutusviis) ning vastava tegevusega muude hoonete ja rajatiste piisavalt ohutuks projekteerimiseks ja ehitamiseks.

Pikendamisküsitluse lõppkuupäev: 15.10.2021

EVS 842:2003

Ehitiste heliisolatsiooninõuded. Kaitse müra eest
Sond insulation requirements in buildings - Protection against noise

Käesolev standard käsitleb ehitiste kaitset müra eest ja kehtestab nõuded piirde-konstruktsioonide heliisolatsioonile, ruumide järelkõlakestusele ja tehnoseadmete mürale.

Pikendamisküsitluse lõppkuupäev: 15.10.2021

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 938:2019

Päevavalgus hoonetes. Insolatsiooni arvutamisel kasutatav kuupäev
Daylight in buildings - The date for calculation of the insulation.

See standard määrab kuupäeva, mille seisuga võetakse päikese asend aluseks insolatsiooniarvutuse tegemisel, sealhulgas standardi EVS-EN 17037 kohase insolatsiooniarvutuse tegemisel.

Keel: et
Tühistamisküsitluse lõppkuupäev: 15.10.2021

EVS-EN 14960-2:2019

Täispuhutavad mänguseadmed. Osa 2: Lisaohutusnõuded täispuhutavatele põrkamispatjadele, mis on mõeldud kohakindlaks paigaldamiseks
Inflatable play equipment - Part 2: Additional safety requirements for inflatable bouncing pillows intended for permanent installation

See standardi EN 14960 osa määrab kindlaks lisaohutusnõuded täispuhutavatele põrkamispatjadele, mis on mõeldud kohakindlaks paigaldamiseks. See standardi EN 14960 osa on rakendatav täispuhutavatele mänguseadmetele, mis on mõeldud kasutamiseks 14-aasta vanustele ja noorematele lastele, nii individuaalselt kui ka kollektiivselt. See standardi EN 14960 osa määrab kindlaks ohutusnõuded täispuhutavatele mänguseadmetele, millel esmane tegevus on põrkamine. See sätestab meetmed riskide käsitlemiseks ja samuti õnnetuste vähendamiseks kasutajatega nendele, kes on seotud täispuhutavate mänguseadmete konstrueerimise, tootmise ja tarnimisega. See määrab kindlaks teabe, mis antakse koos seadmega. Nõuded on kehtestatud, pidades meeles riskitegurit, mis põhineb kättesaadavatel andmetel. See dokument määrab kindlaks nõuded, mis kaitsevad last ohtude eest, mida ta võib-olla ei ole võimeline ette nägema, kui kasutab seadet ette nähtud viisil või viisil, mida saab põhjendatult oodata. See standardi EN 14960 osa ei ole rakendatav täispuhutavatele seadmetele, millega tegeleti standardis EN 14960-1:2019, täispuhutavatele vees kasutatavatele (water-borne) mängu- ja vabaajaseadmetele, täispuhutavatele mänguasjadele kodus kasutamiseks, õhktoestusega ehitistele, täispuhutavatele seadmetele, mida kasutatakse ainult kaitseks, täispuhutavatele mänguseadmetele, mida kasutatakse päästmiseks, või muud tüüpi täispuhutavatele mänguasjadele, millel primaarne tegevus ei ole põrkamine ega liulaskmine.

Keel: en, et
Alusdokumendid: EN 14960-2:2019
Tühistamisküsitluse lõppkuupäev: 15.10.2021

EVS-EN 60704-2-3:2019/A11:2019

Majapidamis- ja muud taolised elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-3: Erinõuded nõudepesumasinatele
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers

Standardi EN 60704-2-3:2019 muudatus

Keel: en
Alusdokumendid: EN 60704-2-3:2019/A11:2019
Tühistamisküsitluse lõppkuupäev: 15.10.2021

EVS-EN 62132-3:2007

Integraallülitused. Elektromagnetilise immuunsuse mõõtmine sagedusel 150 kHz kuni 1 GHz. Osa 3: Suurevoolusisestusmeetod
Integrated circuits - Measurement of electromagnetic immunity, 150 kHz to 1 GHz -- Part 3: Bulk current injection (BCI) method

This part of IEC 62132 describes a bulk current injection (BCI) test method to measure the immunity of integrated circuits (IC) in the presence of conducted RF disturbances, e.g. resulting from radiated RF disturbances. This method only applies to ICs that have off-board wire connections e.g. into a cable harness. This test method is used to inject RF current on one or a combination of wires. This standard establishes a common base for the evaluation of semiconductor devices to be applied in equipment used in environments that are subject to unwanted radio frequency electromagnetic signals.

Keel: en
Alusdokumendid: IEC 62132-3:2007; EN 62132-3:2007
Tühistamisküsitluse lõppkuupäev: 15.10.2021

EVS-EN ISO 14819-6:2006

Traffic and Traveller Information (TTI) - TTI messages via traffic message coding - Part 6: Encryption and conditional access for the Radio Data System - Traffic Message Channel ALERT C coding

This document establishes a method of encrypting certain elements of the ALERT-C coded data carried in the RDS-TMC type 8A data group, such that without application by a terminal or receiver of an appropriate key, the information conveyed is virtually worthless.

Keel: en
Alusdokumendid: ISO 14819-6:2006; EN ISO 14819-6:2006
Tühistamisküsitluse lõppkuupäev: 15.10.2021

EVS-EN ISO 8282:1999

Hambaraviaparatuur. Elavhõbeda- ja sulamisegistid ning -dosaatorid
Dental equipment - Mercury and alloy mixers and dispensers

Standard esitab nõuded ja testimismeetodid seadmetele, mida kasutatakse hambaravis kasutatava amalgaami ja/või elavhõbeda doseerimiseks. Standard hõlmab seadmeid, mis doseerivad sulami ja elavhõbeda täpseid portsjoneid ning segavad ka amalgaami ühe katkematu toiminguna.

Keel: en
Alusdokumendid: ISO 8282:1994; EN ISO 8282:1997
Tühistamisküsitluse lõppkuupäev: 15.10.2021

EVS-ISO 8210:2001

Saagikoristusmasinad. Teraviljakombainid. Katsetamise üldjuhend
Equipment for harvesting. Combine harvesters. Test procedure

Käesolev standard spetsifitseerib igat tüüpi teraviljakombainide katsetamise toimingud. Selles standardis spetsifitseeritud katsetamise protsess käsitleb mõlemat tüüpi teraviljakombainide - nii liikur- kui ka veetavmasinate mõõtmist ja katsetamist mitmesuguste teraviljakultuuride otse- ning ka vaalust lahuskoristusel. See kehtestab kombainide oluliste karakteristikute kindlaksmääramiseks (mõõtmiseks) kasutatava terminoloogia ja meetodid, hõlmates nii talitluse (funktsioneerimise) kui ka tootlikkuse määramist. Sellest standardist võib juhinduda ka kombaini kasutusomaduste (juhtimise ja reguleerimise hõlpsus, töökiirus jm) hindamisel. Vajaduse korral tehakse neid katseid terakao ja tootlikkuse näitajate määramisel.

Keel: en, et
Alusdokumendid: ISO 8210:1989
Tühistamisküsitluse lõppkuupäev: 15.10.2021

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 10253-2:2021

Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements

Eeldatav avaldamise aeg Eesti standardina 01.2022

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 12464-1:2021

Valgus ja valgustus. Töökohavalgustus. Osa 1: Sisetöökohad
Light and lighting - Lighting of work places - Part 1: Indoor work places

See dokument sätestab inimeste valgustusnõuded sisetöökohtadel, lähtudes normaalse või normaalseks korrigeeritud nägemisvõimega inimeste nägemismugavusest ja nägemistöö sooritamisviisist. Arvesse on võetud kõik tavapärased nägemisülesanded, sealhulgas töö kuvaritega. See dokument sätestab enamiku sisetöökohtade ja nendega seotud alade valgustuslahenduste kvantiteedi- ja kvaliteedinõuded. Lisaks esitatakse heal valgustustaval põhinevaid soovitusi, kaasa arvatud visuaalseid ja mittevisuaalseid (kujutist mitteloovaid) valgustusvajadusi. See dokument ei sätesta valgustusnõudeid töötajate tööohutuse ja töötervishoiu seisukohast ega ole koostatud Euroopa Liidu Lepingu artikli 169 rakendamisalasse kuuluvana, kuigi selles dokumendis sätestatud valgustusnõuded täidavad enamasti ka ohutuse nõudeid. MÄRKUS Töötajate tööohutuse ja töötervishoiuga seotud valgustusnõuded võivad sisalduda direktiivides, mis põhinevad Euroopa Liidu Lepingu artiklil 169, neid direktiive rakendavate liikmesriikide riigisisestes õigusaktides või teistes liikmesriikide riigisisestes õigusaktides. See dokument ei anna ette konkreetseid valgustuslahendusi ega piira projekteerija vabadust kasutada uusi tehnilisi võimalusi ja innovatiivseid valgustusseadmeid. Valgustuses võidakse ette näha päevavalguse, tehisvalgustuse või nende mõlema üheaegset kasutamist. See dokument ei laiene välistöökohtade valgustusele, allmaakaevanduste valgustusele ega hädavalgustusele. Nõuded välistöökohtade valgustuse kohta on esitatud standardis EN 12464-2, hädavalgustuse kohta aga standardites EN 1838 ja EN 13032-3.

EVS-EN 16282-7:2017+A1:2021

Suurköökide varustus. Suurköökide ventilatsiooni komponendid. Osa 7: Paiksete tulekustutussüsteemide paigaldamine ja kasutamine
Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 7: Installation and use of fixed fire suppression systems

See Euroopa standard täpsustab nõudeid ja annab soovitusi hoonete köökide tulekustutussüsteemide projekteerimiseks, paigaldamiseks, katsetamiseks, hooldamiseks ja ohutuseks. Seda Euroopa standardit kohaldatakse suurköökide ventilatsioonisüsteemidele, nendega seotud aladele ja muudele tööstuslikuks kasutamiseks ette nähtud toiduaineid töötlevatele seadmetele. Köögid ja nendega seotud alad on eriruumid, kus valmistatakse eineid, pestakse ja puhastatakse lauanõusid ja seadmeid, hoitakse toitu ja kus asuvad toidujäätmete alad. Seda Euroopa standardit kohaldatakse tulekustutussüsteemidele, välja arvatud nendele, mida kasutatakse kodustes köökides või tööstuslikes toidutöötlemisettevõtetes. Kui pole sätestatud teisiti, tuleks selle standardi nõudeid kontrollida vaatlusega ja/või mõõtmisega. MÄRKUS Pöörake tähelepanu paigaldamist, seadmete nõudeid ning ülevaatust, hooldust ja käitamist käsitlevatele täiendavatele või alternatiivsetele kohalikele eeskirjadele.

EVS-EN 50708-2-5:2021

Jõutrafod. Täiendavad Euroopa nõuded. Osa 2-5: Keskmised jõutrafod. Ühefaasilised
Power transformers - Additional European requirements - Part 2-5: Medium power transformer - Single phase

Selle dokumendi käsitlusalas on määratleda ühefaasiliste vedeliktäitega keskmiste jõutrafode energiatõhusus standardi EN 50708-1-1:2020 kohaselt.

EVS-EN 60335-1:2012/A15:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1: General requirements

Standardi EN 60335-1:2012 muudatus

EVS-EN 60335-1:2012+A11+A13+A1+A14+A2+A15:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified + IEC 60335-1:2010/A1:2013, modified + COR1:2014 + IEC 60335-1:2010/A2:2016, modified + COR1:2016)

See Euroopa standard käsitleb kodumajapidamises ja kaubanduslikul otstarbel kasutatavate elektriseadmete ohutust, kusjuures seadmete tunnuspinge ei ole ühefaasilise toite korral üle 250 V ega muudel juhtudel üle 480 V. MÄRKUS 1 Selle standardi käsitlusalasse kuuluvad ka patareitoitega ja muud alalisvoolutoitega seadmed. Kaksiktoitega seadmeid, mida toidetakse vooluvõrgust või patareidest, käsitletakse patareimooduse korral patareitoitega seadmetena. MÄRKUS Z1 Kodumajapidamises kasutatavate seadmete hulka kuuluvad nt tüüpiliste majapidamis-funktsioonidega seadmed, mida võivad majapidamisotstarbel kasutada ka mittespetsialistid • kauplustes, kontorites ja muudes taolistes töökeskkondades, • farmihoonetes, • kui kliendid hotellides, motellides ja muudes olmekeskkondades, • ööbimise ja hommikusöögiga majutuskeskkonnas. MÄRKUS Z2 Majapidamiskeskkond hõlmab elamuid ja nendega seotud ehitisi, iluaedasid jne. Selle standardi käsitlusalasse kuuluvad kauplustes, kergetööstuses ja farmides asjatundjate või väljaõpetatud personali poolt kasutamiseks ette nähtud seadmed ja masinad ning tavaisikute poolt teeninduslikuks kasutamiseks ette nähtud seadmed ja masinad. Täiendavad nõuded sellistele

seadmetele on esitatud lisas ZE. MÄRKUS 2 Kehtetu. MÄRKUS Z3 Niisuguste seadmete ja masinate hulka kuuluvad nt teeninduslikus kasutamises olevad toitlustusseadmed, puhastusmasinad ning juuksuriseadmed. MÄRKUS Z4 Kriteeriumid, mida rakendatakse standardisarjaga EN 60335 haaratud toodete võtmiseks madalpingedirektiivi või masinadirektiivi käsitlusalasse, on informatsiooniks esitatud lisas ZF. See standard käsitleb mõistlikult ettenähtavaid ohtusid, mida võivad tekitada seadmed ja masinad ning millega võivad kokku puutuda kõik isikud. Standard ei arvesta aga üldjuhul • seadmega mängivaid lapsi, • seadme kasutamist väikelaste (maimikute) poolt, • seadme järelevalveta kasutamist nooremate laste (nt koolieelikute) poolt. Arvestatakse, et ohustatud isikute vajadused võivad olla väljaspool selles standardis eeldatud taset. MÄRKUS 3 Tuleb pöörata tähelepanu asjaolule, et — sõidukites, laevadel või lennukites kasutamiseks ette nähtud seadmete kohta võidakse esitada lisanõuded; — paljudes riikides on riiklike tervishoiu-, töökaitse-, veevarustus- ja muude taoliste ametite poolt sätestatud lisanõudeid. MÄRKUS 4 Seda standardit ei rakendata — eranditult tööstuslikuks otstarbeks ette nähtud seadmete kohta; — seadmete kohta, mis on ette nähtud kasutamiseks kohtades, kus ülekaalus on erikasutusolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aurud või gaas); — audio-, video- ja muudele taolistele elektroonikaaparaatidele (IEC 60065); — meditsiiniseadmetele (IEC 60601); — mootoriga käitatavatele elektrilistele käsitööriistadele (IEC 60745); — personalarvutitele ja muudele taolistele seadmetele (IEC 60950-1); — transporditavatele mootoriga käitatavatele elektrilistele tööriistadele (IEC 61029).

EVS-EN 61000-4-30:2015/A1:2021

Elektromagnetiline ühilduvus. Osa 4-30: Katsetus- ja mõõtetehnika. Elektrikvaliteedi mõõtemeetodid
Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods (IEC 61000-4-30:2015/A1:2021)

Standardi EVS-EN 61000-4-30:2015 muudatus.

EVS-EN 61000-4-30:2015+A1:2021

Elektromagnetiline ühilduvus. Osa 4-30: Katsetus- ja mõõtetehnika. Elektrikvaliteedi mõõtemeetodid
Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods (IEC 61000-4-30:2015 + IEC 61000-4-30:2015/A1:2021)

See standardi IEC 61000-4 osa määratleb elektrikvaliteedi parameetrite mõõtemeetodid ja tulemuste interpretatsiooni vahelduvvoolu elektrivarustussüsteemides määratletud põhisagedusel 50 Hz või 60 Hz. Mõõtemeetodid on kirjeldatud igale asjakohasele parameetrile kujul, mis kindlustab usaldusväärsed ja korratavad tulemused, olenemata meetodi teostusest. See standard käsitleb mõõtemeetodeid välitingimustes. Selle standardiga hõlmatud parameetrite mõõtmine piirdub elektrivarustussüsteemi juhtivuslike nähtustega. Standardis esitatud toitepinge kvaliteedi parameetriteks on võrgusagedus, toitepinge tase, värelus, toitepinge lohud ja muhud, pingekatkestused, transientpinged, toitepinge ebasümmeetria, pingeharmoonilised ja pinge vaheharmoonilised, toitepingele pealdatud võrgu signaalpinged, kiired pingemuutused ja voolu mõõtmised. Lisas C (teatmelisa) on vaadeldud emissiooni sagedusvahemikus 2 kHz kuni 150 kHz ja üle- ning alahälbed on esitatud lisas D (teatmelisa) Olenevalt mõõtmise otstarbest võib mõõta kõiki või osa loetletud nähtudest. MÄRKUS 1 Vastavushindamise katsemeetodeid võib leida standardist IEC 62586-2. MÄRKUS 2 Elektrisüsteemi ja mõõturi vahele paigaldatud muundurite mõju on üldteada ning see standard ei käsitle nende üksikasju. Juhiseid muundurite mõjust võib leida tehnilisest aruandest IEC TR 61869-103.

EVS-EN ISO 10874:2012/A1:2021

Elastsed, tekstiil- ja laminaatpõrandakatted. Klassifikatsioon. Muudatus 1: Klassi 22+ eemaldamine
Resilient, textile and laminate floor coverings - Classification - Amendment 1: Elimination of class 22+ (ISO 10874:2009/Amd 1:2020)

Standardi EVS-EN ISO 10874:2012 muudatus.

EVS-EN ISO 10874:2012+A1:2021

Elastsed, tekstiil- ja laminaatpõrandakatted. Klassifikatsioon
Resilient, textile and laminate floor coverings - Classification (ISO 10874:2009 + ISO 10874:2009/Amd 1:2020)

Selles rahvusvahelises standardis esitatakse elastsete, tekstiil- ja laminaatpõrandakatete klassifikatsioon. See klassifikatsioon tugineb kasutuskoha ning kasutussageduse praktilistele nõuetele, samuti on see seotud asjakohases rahvusvahelises standardis iga põrandakattetüübi jaoks spetsifitseeritud nõuetega. See rahvusvaheline standard on kavandatud juhendiks tootjatele, spetsifitseerijatele ja tarbijatele, võimaldades neil valida asjakohase klassi põrandakatte, mis sobib eri ruumide eri kasutuskohtadesse. MÄRKUS Põrandakatete kulumist ja välimust mõjutavad paigaldus- ja hooldusstandardid, aluspõranda seisukord ja kasutusviis (jalatsitüüp, lokaliseeritud liikluse kõrge kontsentratsioon jne). Need tegurid on mõeldud selle klassifitseerimissüsteemi kasutamisel arvesse võtmiseks.

EVS-EN ISO 13485:2016/A11:2021

Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded
Medical devices - Quality management systems - Requirements for regulatory purposes (ISO 13485:2016)

Standardi EN ISO 13485:2016 muudatus

EVS-EN ISO 13485:2016+A11:2021

Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded

Medical devices - Quality management systems - Requirements for regulatory purposes (ISO 13485:2016)

See rahvusvaheline standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhul kui organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja nendega seotud teenuseid, mis järjekindlalt rahuldavad kliendi nõudeid ja kohalduvaid regulatiivnõudeid. Need organisatsioonid võivad olla tegevad ühes või mitmes meditsiiniseadme elutsükli etapis, sealhulgas meditsiiniseadmete kavandamisel ja arendamisel, tootmises, säilitamisel ja levitamisel, paigaldamisel, hooldamisel või seotud tegevuste (näiteks tehniline toetus) kavandamisel, arendamisel või tarnimisel. Seda rahvusvahelist standardit võivad kasutada ka tarnijad ja välisosapooled, kes pakuvad nendele organisatsioonidele tooteid, sealhulgas ka kvaliteedijuhtimissüsteemiga seotud teenuseid. Selle rahvusvahelise standardi nõuded on kohaldatavad organisatsioonidele vaatamata nende suurusele või tüübile, välja arvatud neil juhtudel, kui see erand on selgelt sätestatud. Kui on määratletud, et mingi nõue rakendub meditsiiniseadmele, siis see nõue rakendub samasuguselt ka seotud teenustele, mida organisatsioon tarnib. Selle rahvusvahelise standardi nõutud protsessid, mis kohalduvad organisatsioonile, kuid mida see organisatsioon ise ei teosta, on organisatsiooni vastutusalas ja neid võetakse arvesse organisatsiooni kvaliteedijuhtimissüsteemis protsesside seire, käigushoidmise ja juhtimise läbi. Kui kohalduvad regulatiivnõuded lubavad teha väljajätteid kavandamise ja tootearenduse juhtimismeetmetest, siis seda asjaolu võib kasutada vastavate nõuete kvaliteedijuhtimissüsteemist väljajätmise põhjendusena. Need regulatiivnõuded võivad pakkuda alternatiivseid lähenemisviise, mida on vaja käsitleda kvaliteedijuhtimissüsteemis. Organisatsiooni kohustus on tagada, et väited vastavuse kohta sellele rahvusvahelisele standardile kajastavad kõiki väljajätteid kavandamise ja tootearendamise käsitlemisel. Juhul kui mõni selle rahvusvahelise standardi peatüki 6, 7 või 8 nõuetest ei ole rakendatav organisatsiooni tegevuse iseloomu tõttu või selle meditsiiniseadme omaduste tõttu, millele kvaliteedisüsteemi rakendatakse, siis organisatsioon ei pea viima sellist nõuet oma kvaliteedijuhtimissüsteemi. Organisatsioon dokumenteerib põhjenduse (vastavalt jaotisele 4.2.2) selle standardi iga nõude puhul, mille puhul on tuvastatud selle mittekohalduvus.

EVS-EN ISO 16665:2014

Vee kvaliteet. Juhised pehme merepõhja suurselgrootute kvantitatiivseks proovivõtuks ja proovitöötluseks

Water quality - Guidelines for quantitative sampling and sample processing of marine soft-bottom macrofauna (ISO 16665:2014)

See rahvusvaheline standard esitab merede sublitoraali pehmete põhjade suurselgrootute kvantitatiivsete proovide kogumise ja proovide töötluse juhised. See rahvusvahelise standard hõlmab a) proovivõtuplaani väljatöötamist, b) vajalikku proovivõtu varustust, c) proovivõttu ja proovi käsitsemist välitöödel, d) sortimist ja liikide määramist, e) kogutud ja töödeldud proovimaterjali hoiustamist. Selles rahvusvahelises standardis ei käsitleta detailselt järgmiseid teemasid, kuigi mõned neist võivad olla kohaldatavad: — biotestimise alamproovivõtt; — süvamere (> 750 m) või avamere proovivõtt; — loomastiku in situ uuringud, nt taasasustamise katsed; — põhjaelustikku mittekuuluvad organismid, kes on sattunud proovivõtuvahenditesse; — proovivõtt lehtersuudmetes; — proovivõtt loodetevööndis; — meiofauna proovivõtt ja -analüüs (vt viide [9]); — proovivõtt tragi ja põhjakelguga; — proovivõtt autonoomse veealuse hingamisaparaadi (akvalangi) (self-contained underwater breathing apparatus, SCUBA) abil; — statistiline andmetöötlus. Geograafilise asukoha määramise täpsusastme vajadus pannakse paika sõltuvalt asukohast, varustusest ja uuringu eesmärgist.

EVS-EN ISO 6888-1:2021

Toiduahela mikrobioloogia. Horisontaalmeetod koagulaaspositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 1: Baird-Parkeri agarsöötme kasutamise meetod

Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 1: Method using Baird-Parker agar medium (ISO 6888-1:2021)

See dokument määratleb horisontaalmeetodi koagulaaspositiivsete stafülokokkide loendamiseks tahkel söötmel (Baird-Parkeri sööde) [10] saadud kolooniate loendamise teel pärast aeroobset inkubeerimist temperatuuril 34 °C kuni 38 °C ja koagulaasi kinnitamist. See dokument on kohaldatav — inimtarbimiseks ettenähtud toodetele, — loomade söötmiseks ettenähtud toodetele, — keskkonnaproovidele toidu ja sööda tootmis- ja käitlemispiirkondadest ning — tootmise esmatasandi proovidele. See horisontaalmeetod oli algselt loodud kõikide toiduahelasse kuuluvate proovide analüüsimiseks. Toiduahela toodete suure varieeruvuse tõttu on võimalik, et see horisontaalmeetod ei sobi igas üksikasjas kõikide toodete puhul. Siiski eeldatakse, et vajalikud muudatused on minimeeritud nii, et need ei põhjusta olulist kõrvalekallet sellest horisontaalmeetodist. Tuginedes selle dokumendi avaldamise hetkeks kättesaadavale informatsioonile, ei peeta seda meetodit (täielikult) sobivaks fermenteeritud toodete või teiste Staphylococcus spp (nt S. xylosus) baasil tehnoloogilist floorat sisaldavate toodete (nt toorpiimast valmistatud juust ja teatud toore liha tooted) analüüsimiseks, mis tõenäoliselt on saastunud — stafülokokkidega, mis moodustavad atüüpilisi kolooniaid Baird-Parkeri agarsöötmel; — taustmikroflooraga, mis võib varjata otsitavaid kolooniaid. Sellest hoolimata on siinsele dokumendile ja standardile ISO 6888-2 antud samaväärne staatus.

EVS-EN ISO 6888-2:2021

Toiduahela mikrobioloogia. Horisontaalmeetod koagulaaspositiivsete stafülokokkide (Staphylococcus aureus ja teised liigid) loendamiseks. Osa 2: Küülikuplasma-fibrinogeenagarsöötme kasutamise meetod

Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 2: Method using rabbit plasma fibrinogen agar medium (ISO 6888-2:2021)

See dokument määratleb horisontaalmeetodi koagulaaspositiivsete stafülokokkide määramiseks tahkel söötmel (küülikuplasma-fibrinogeenagarsööde) saadud kolooniate loendamise teel pärast aeroobset inkubeerimist temperatuuril 34 °C kuni 38 °C (vt viide [10]). See dokument on kohaldatav — inimtoiduks ettenähtud toodetele, — loomade toiduks ettenähtud toodetele, — keskkonnaproovidele toidu ja sööda tootmis- ja käitlemispiirkondadest, — tootmise esmatasandi proovidele. See horisontaalmeetod oli algselt loodud kõikide toiduahelasse kuuluvate proovide analüüsimiseks. Toiduahela toodete suure varieeruvuse tõttu on võimalik, et see horisontaalmeetod ei sobi igas üksikasjas kõikide toodete puhul. Siiski eeldatakse, et vajalikud muudatused on minimeeritud nii, et need ei põhjusta olulist kõrvalekallet sellest horisontaalmeetodist. Tuginedes selle dokumendi avaldamise hetkeks kättesaadavale informatsioonile, ei peeta seda meetodit (täielikult) sobivaks fermenteeritud toodete või teiste Staphylococcus spp. (nt S. xylosus'e) baasil tehnoloogilist floorat sisaldavate toodete (nt toorpiimast valmistatud juustu ja teatud toore liha toodete) analüüsimiseks, mis tõenäoliselt on saastunud — stafülokokkidega, mis moodustavad atüüpilisi kolooniaid Baird-Parkeri agarsöötmel; — taustmikroflooraga, mis võib varjata otsitavaid kolooniaid. Sellest hoolimata on nii standardile ISO 6888-1 kui ka sellele dokumendile antud samaväärne staatus.

EVS-HD 60364-8-2:2019/A12:2021

Madalpingelised elektripaigaldised. Osa 8-2: Tootevtarbijate madalpingelised elektripaigaldised Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations

Standardi HD 60364-8-2:2018 muudatus

EVS-HD 60364-8-2:2019+A11+A12:2021

Madalpingelised elektripaigaldised. Osa 8-2: Tootevtarbijate madalpingelised elektripaigaldised Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations (IEC 60364-8-2:2018)

Standardi IEC 60364 see osa esitab lisanõuded, meetmed ja soovitused igat liiki, standardi IEC 60364-1:2005 peatükile 11 vastavate madalpingeliste elektripaigaldiste projekteerimise, ehitamise ja kontrolli kohta, sealhulgas kohalike energiatootmis- ja/või salvestuspaigaldiste kohta, eesmärgiga tagada ühilduvus olemasolevate ja tulevikus kasutusele võetavate elektritarvitite või avalikku elektrivõrku elektrit edastavate kohalike energiaallikatega. Niisuguseid elektripaigaldisi nimetatakse tootevtarbijate elektripaigaldisteks. Selles dokumendis esitatakse ka tootevtarbijate elektripaigaldiste asjakohase käitumise ja tegevuse nõuded, et saavutada nende paigaldiste jätkusuutlik ja turvaline talitlus tarkvõrkudesse lõimumisel. Neid nõudeid ja soovitusi rakendatakse standardisarja IEC 60364 kõigi osade käsitlusala ulatuses uute paigaldiste rajamisel ja olemasolevate paigaldiste täiustamisel. MÄRKUS Turvalist talitlust tagavad elektrienergiaallikad, sealhulgas nende juurde kuuluvad elektripaigaldised ja elektrivarustuse turvalist pidevust tagavad varu-elektrivarustussüsteemid, mida kasutatakse ainult vahetevahel ja lühikesteks ajavahemikeks (nt ühe tunni jooksul kuus) rööbiti jaotusvõrguga katsetamise otstarbel, ei kuulu selle dokumendi käsitlusalasse.

STANDARDIPEALKIRJADE MUUTMINE

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

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 15269-1:2019/ AC:2020	Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 1: General requirements	Uste, luukide ja avatavate akende ning nende suluste tulepüsivuse ja/või suitsupüsivuse katsetulemuste kasutusulatuse laiendamine. Osa 1: Üldnõuded
EVS-EN ISO 10874:2012/ A1:2021	Resilient, textile and laminate floor coverings - Classification - Amendment 1: Elimination of class 22+ (ISO 10874:2009/Amd 1:2020)	Elastsed, tekstiil- ja laminaatpõrandakatted. Klassifikatsioon. Muudatus 1: Klassi 22+ eemaldamine
EVS-EN ISO 16665:2014	Water quality - Guidelines for quantitative sampling and sample processing of marine soft-bottom macrofauna (ISO 16665:2014)	Vee kvaliteet. Juhised pehme merepõhja suurselgrootute kvantitatiivseks proovivõtuks ja proovitöötluseks