EVS TEATAJA

Avaldatud 15.10.2024

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

Ilmub alates 1993. aastast

ISSN 2806-1802

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13237:2024

Plahvatusohtlikud keskkonnad. Terminid ja määratlused plahvatusohtlikes keskkondades kasutamiseks ette nähtud seadmete ja kaitsesüsteemide kohta
Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This document specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres within the scope of Directive 2014/34/EU. NOTE Terms and definitions avoid misunderstandings that are important in relation to the essential health and safety requirements of Directive 2014/34/EU.

Keel: en
Alusdokumendid: EN 13237:2024
Asendab dokumenti: EVS-EN 13237:2012

EVS-EN 9300-001:2024

Aerospace series - LOTAR - Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 001: Structure

This document defines the structure and content for the long-term preservation of digital product and technical data. EN 9300 is broken into a series of separate standard parts to make the standard applicable for different business requirements and extensible for further long-term archiving formats. The following outlines the total scope of this document: - for the purpose of this document, structure, and content of EN 9300 standard parts are detailed.

Keel: en
Alusdokumendid: EN 9300-001:2024

EVS-ISO 30301:2019/A1:2024

Informatsioon ja dokumentatsioon. Dokumendihalduse juhtimissüsteemid. Nõuded. Muudatus 1: Kliimameetmete muudatused
Information and documentation — Management systems for records — Requirements — Amendment 1: Climate action changes (ISO 30301:2019/Amd 1:2024, identical)

Standardi EVS-ISO 30301:2019 muudatus.

Keel: en
Alusdokumendid: ISO 30301:2019/Amd 1:2024
Muudab dokumenti: EVS-ISO 30301:2019

EVS-ISO 7001:2024

Graafilised tingmärgid. Avalikkust teavitavad piltkirjad
Graphical symbols — Registered public information symbols (ISO 7001:2023, identical + ISO 7001:2023/Amd 101:2024, identical)

See dokument määrab kindlaks graafilised tingmärgid avalikkuse teavitamiseks. Standard on üldiselt rakendatav piltkirjadele kõigis inimtegevuse valdkondades ja kõigis asukohtades, kuhu on avalik ligipääs. Siiski ei rakendu see ohutusmärkidele või neile valdkondadele, kus võivad eeskirjadega olla antud eriomased nõuded (näiteks liiklusmärgid avalikel teedel). See dokument määratleb piltkirjade originaalkujud, mille reprodutseerimisel ja rakendamisel võib neid viia vastavale suurusele. Arusaadavuse suurendamiseks võib piltkirju kasutada koos tekstiga.

Keel: en
Alusdokumendid: ISO 7001:2023; ISO 7001:2023/Amd 101:2024
Asendab dokumenti: EVS-ISO 7001:2011
Asendab dokumenti: EVS-ISO 7001:2011/A1:2014
Asendab dokumenti: EVS-ISO 7001:2011/A2:2016
Asendab dokumenti: EVS-ISO 7001:2011/A3:2016
Asendab dokumenti: EVS-ISO 7001:2011/A4:2017

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

EVS-EN ISO 24804:2022/A11:2024

Recreational diving services - Requirements for rebreather diver training - No-decompression diving

This document specifies requirements for rebreather diver training programmes which provide the competencies required to perform dives with a rebreather to a maximum depth of 30 m that do not require mandatory decompression stops using a nitrox

breathing gas. This document specifies evaluation criteria for these competencies. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

Keel: en
Alusdokumendid: EN ISO 24804:2022/A11:2024
Muudab dokumenti: EVS-EN ISO 24804:2022

EVS-EN ISO 24805:2022/A11:2024

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 45 m

This document specifies requirements for rebreather diver training programmes which provide the competencies required to perform dives with a rebreather to 40 m using a nitrox breathing mixture or to 45 m using a trimix breathing mixture, requiring mandatory decompression stops. This document specifies evaluation criteria for these competencies. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

Keel: en
Alusdokumendid: EN ISO 24805:2022/A11:2024
Muudab dokumenti: EVS-EN ISO 24805:2022

EVS-EN ISO/IEC 17043:2023/A11:2024

Vastavushindamine. Üldnõuded tasemekatsetuste korraldajatele
Conformity assessment - General requirements for the competence of proficiency testing providers

Standardi EVS-EN ISO/IEC 17043:2023 muudatus.

Keel: et-en
Alusdokumendid: EN ISO/IEC 17043:2023/A11:2024
Muudab dokumenti: EVS-EN ISO/IEC 17043:2023

EVS-EN ISO/IEC 17043:2023+A11:2024

Vastavushindamine. Üldnõuded tasemekatsetuste korraldajatele
Conformity assessment - General requirements for the competence of proficiency testing providers (ISO/IEC 17043:2023)

Selles dokumendis on määratletud üldnõuded tasemekatsetuste (PT) korraldajate kompetentsusele ja erapooletusele ning kõigi tasemekatseskeemide järjepidevale läbiviimisele. Seda dokumenti võib kasutada alusena spetsiifilistele tehnilistele nõuetele konkreetsetes rakendusvaldkondades. Tasemekatseskeemide kasutajad, reguleerivad asutused, organisatsioonid ja vastastikust hindamist kasutavad skeemid, akrediteerimisasutused ja teised saavad neid nõudeid tasemekatsetuste korraldajate kompetentsuse kinnitamiseks või tunnustamiseks kasutada.

Keel: et-en
Alusdokumendid: EN ISO/IEC 17043:2023; ISO/IEC 17043:2023; EN ISO/IEC 17043:2023/A11:2024
Konsolideerib dokumenti: EVS-EN ISO/IEC 17043:2023
Konsolideerib dokumenti: EVS-EN ISO/IEC 17043:2023/A11:2024

EVS-ISO 21001:2018/A1:2024

Haridusasutused. Haridusasutuste juhtimissüsteemid. Nõuded koos kasutusjuhistega. Muudatus 1: Kliimameetmete muudatused
Educational organizations — Management systems for educational organizations — Requirements with guidance for use — Amendment 1: Climate action changes (ISO 21001:2018/Amd 1:2024, identical)

Standardi EVS-ISO 21001:2018 muudatus.

Keel: en, et
Alusdokumendid: ISO 21001:2018/Amd 1:2024
Muudab dokumenti: EVS-ISO 21001:2018

EVS-ISO 21001:2018+A1:2024

Haridusasutused. Haridusasutuste juhtimissüsteemid. Nõuded koos kasutusjuhistega
Educational organizations — Management systems for educational organizations — Requirements with guidance for use (ISO 21001:2018, identical + ISO 21001:2018/Amd 1:2024, identical)

Selles dokumendis spetsifitseeritakse nõuded haridusasutuse juhtimissüsteemile (HAJS) juhuks, kui selline organisatsioon a) peab näitama oma suutlikkust toetada kompetentsuse omandamist ja arendamist õpetamise, õppimise või uurimistöö kaudu; b) püüab suurendada õppurite, teiste kasusaajate ja personali rahulolu oma HAJS-i mõjusa rakendamise kaudu, sealhulgas süsteemi parendamise protsessid ning õppurite ja teiste kasusaajate nõuetele vastavuse tagamine. Kõik selle dokumendi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, mis kasutab õppekava kompetentsuse arendamise toetamiseks õpetamise, õppimise või uurimistöö kaudu selle tüübist, suurusest või osutamise meetodist sõltumata. Seda

dokumenti saavad kohaldada haridusasutused suuremates organisatsioonides, kelle põhitegevus ei ole haridusteenuste osutamine, nagu erialast väljaõpet pakkuvad osakonnad. See dokument ei rakendu organisatsioonidele, mis ainult toodavad või valmistavad haridustooteid.

Keel: en, et
Alusdokumendid: ISO 21001:2018; ISO 21001:2018/Amd 1:2024
Konsolideerib dokumenti: EVS-ISO 21001:2018
Konsolideerib dokumenti: EVS-ISO 21001:2018/A1:2024

EVS-ISO 28000:2022/A1:2024

Turvalisus ja kerksus. Turvalisuse juhtimissüsteemid. Nõuded. Muudatus 1: Kliimameetmete muudatused
Security and resilience — Security management systems — Requirements — Amendment 1: Climate action changes (ISO 28000:2022/Amd 1:2024, identical)

Standardi EVS-ISO 28000:2022 muudatus.

Keel: en, et
Alusdokumendid: ISO 28000:2022/Amd 1:2024
Muudab dokumenti: EVS-ISO 28000:2022

EVS-ISO 28000:2022+A1:2024

Turvalisus ja kerksus. Turvalisuse juhtimissüsteemid. Nõuded
Security and resilience — Security management systems — Requirements (ISO 28000:2022, identical + ISO 28000:2022/Amd 1:2024, identical)

See dokument määrab kindlaks turvalisuse juhtimissüsteemi nõuded, sealhulgas tarneahelaga seotud aspektid. See dokument kehtib igat tüüpi ja suurusega organisatsioonidele (nt äriettevõtted, valitsus- või muud riigiasutused ja mittetulundusühingud), mis kavatsevad sisse seada, ellu viia, toimivana hoida ja parendada turvalisuse juhtimissüsteemi. See pakub terviklikku ja ühtset lähenemisviisi ning pole tööstus- ega sektorispetsiifiline. Seda dokumenti saab kasutada kogu organisatsiooni eluea jooksul ja seda saab kohaldada mis tahes tegevusele, nii sisemisele kui ka välisele, kõigil tasanditel.

Keel: en, et
Alusdokumendid: ISO 28000:2022/Amd 1:2024; ISO 28000:2022
Konsolideerib dokumenti: EVS-ISO 28000:2022
Konsolideerib dokumenti: EVS-ISO 28000:2022/A1:2024

EVS-ISO 30401:2019/A2:2024

Teadmuse juhtimissüsteemid. Nõuded. Muudatus 2: Kliimameetmete muudatused
Knowledge management systems — Requirements — Amendment 2: Climate action changes (ISO 30401:2018/Amd 2:2024, identical)

Standardi EVS-ISO 30401:2019 muudatus.

Keel: en
Alusdokumendid: ISO 30401:2018/Amd 2:2024
Muudab dokumenti: EVS-ISO 30401:2019

EVS-ISO 35001:2020/A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus. Muudatus 1: Kliimameetmete muudatused
Biorisk management for laboratories and other related organisations — Amendment 1: Climate action changes (ISO 35001:2019/Amd 1:2024, identical)

Standardi EVS-ISO 35001:2020 muudatus.

Keel: en, et
Alusdokumendid: ISO 35001:2019/Amd 1:2024
Muudab dokumenti: EVS-ISO 35001:2020

EVS-ISO 35001:2020+A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus
Biorisk management for laboratories and other related organisations (ISO 35001:2019, identical + ISO 35001:2019/Amd 1:2024, identical)

See dokument määratleb protsessi, et identifitseerida, kaalutleda, ohjata ja seirata ohtlike bioloogiliste materjalidega seotud riske. See dokument on rakendatav igas laboris või muus organisatsioonis, mis käitleb, säilitab, transpordib ja/või utiliseerib ohtlikke bioloogilisi materjale. See dokument on mõeldud toetama olemasolevaid laborite rahvusvahelisi standardeid. See dokument ei ole mõeldud laboritele, mis analüüsivad mikroorganismide ja/või toksiinide olemasolu toidus või loomasöödas. Dokument ei ole mõeldud põllumajanduses geneetiliselt muundatud saagi kasutamist puudutavate riskide haldamiseks.

Keel: en, et
Alusdokumendid: ISO 35001:2019; ISO 35001:2019/Amd 1:2024
Konsolideerib dokumenti: EVS-ISO 35001:2020
Konsolideerib dokumenti: EVS-ISO 35001:2020/A1:2024

EVS-ISO 37001:2018/A1:2024

Altkäemaksuvastased juhtimissüsteemid. Nõuded koos kasutusjuhistega. Muudatus 1: Kliimameetmete muudatused
Anti-bribery management systems — Requirements with guidance for use - Amendment 1: Climate action changes (ISO 37001:2016/Amd 1:2024, identical)

Standardi EVS-ISO 37001:2018 muudatus.

Keel: en, et
Alusdokumendid: ISO 37001:2016/Amd 1:2024
Muudab dokumenti: EVS-ISO 37001:2018

EVS-ISO 37001:2018+A1:2024

Altkäemaksuvastased juhtimissüsteemid. Nõuded koos kasutusjuhistega
Anti-bribery management systems — Requirements with guidance for use (ISO 37001:2016, identical + ISO 37001:2016/Amd 1:2024, identical)

ISO 37001 täpsustab nõudeid ja juhendab altkäemaksuvastase juhtimissüsteemi sisseseadmist, elluviimist, toimivana hoidmist ja järjepidevat parendamist.. Süsteem võib olla eraldiseisev või lõimitud üldisesse juhtimissüsteemi. Selles standardis käsitletakse organisatsiooni tegevust järgmistes aspektides: — altkäemaks avalikes, era- ja mittetulundussektorites, — organisatsioonipoolne altkäemaks, — altkäemaks organisatsiooni töötajate poolt, kes tegutsevad organisatsiooni nimel või selle kasuks, — altkäemaks organisatsiooni äripartnerite poolt, kes tegutsevad organisatsiooni nimel või selle kasuks, — organisatsiooni altkäemaks, — organisatsiooni tegevusega seotud altkäemaks organisatsiooni töötajatelt, — organisatsiooni tegevusega seotud altkäemaks organisatsiooni äripartneritelt, — otsene ja kaudne altkäemaks (nt altkäemaks, mida pakutakse või aktsepteeritakse kolmanda osapoole kaudu või mida pakub/aktsepteerib kolmas osapool). ISO 37001 kehtib ainult altkäemaksu kohta. See esitab juhtimissüsteemi nõuded ja annab juhised, mille eesmärk on aidata organisatsioonil altkäemaksu ennetada, tuvastada ja juhtumitele reageerida ning olla vastavuses altkäemaksuvastaste seadustega ja vabatahtlike kohustuste võtmisega nende tegevuste suhtes..See standard ei käsitle pettusi, kartelle ja muid konkurentsivastaseid rikkumisi, rahapesu või muid tegevusi, mis on seotud korruptiivsete tegevustega, kuigi organisatsioon võib valida juhtimissüsteemi käsitlusala laiendamise, et hõlmata ka selliseid tegevusi. ISO 37001 nõuded on üldised ja mõeldud kasutamiseks kõikidele organisatsioonidele (või organisatsiooni osadele), olenemata tegevuse tüübist, suurusest ja olemusest ning sellest, kas tegemist on avaliku, era- või mittetulundussektoriga. Altkäemaksuriski ennetamiseks, tuvastamiseks ja vähendamiseks vajalikud meetmed võivad olla erinevad meetmetest, mida organisatsioonid on kasutanud altkäemaksu ärahoidmiseks, tuvastamiseks ja juhtumitele reageerimiseks organisatsiooni poolt. Abiks standardi rakendamisel on https://www.evs.ee/et/iso-37001-2016-anti-bribery-management-systems-a-practical-guide

Keel: en, et
Alusdokumendid: ISO 37001:2016/Amd 1:2024; ISO 37001:2016
Konsolideerib dokumenti: EVS-ISO 37001:2018
Konsolideerib dokumenti: EVS-ISO 37001:2018/A1:2024

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 5387:2024

Nanotechnologies - Lung burden mass measurement of nanomaterials for inhalation toxicity tests (ISO/TS 5387:2023)

The document provides information on the measurement of nanomaterial mass in tissue after inhalation exposure, which can inform on lung clearance behaviour and translocation.

Keel: en
Alusdokumendid: ISO/TS 5387:2023; CEN ISO/TS 5387:2024

CEN ISO/TS 80004-13:2024

Nanotechnologies - Vocabulary - Part 13: Graphene and other two-dimensional (2D) materials (ISO/TS 80004-13:2024)

This document defines terms for graphene, graphene-related two-dimensional (2D) materials and other 2D materials. It includes related terms for production methods, properties and characterization. It is intended to facilitate communication between organizations and individuals in research, industry and other interested parties and those who interact with them.

Keel: en
Alusdokumendid: ISO/TS 80004-13:2024; CEN ISO/TS 80004-13:2024
Asendab dokumenti: CEN ISO/TS 80004-13:2020

EVS-EN ISO 16140-2:2016+A1:2024

Microbiology of the food chain - Method validation - Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method (ISO 16140-2:2016 + ISO 16140-2:2016/Amd 1:2024)

This part of ISO 16140 specifies the general principle and the technical protocol for the validation of alternative, mostly proprietary, methods for microbiology in the food chain. Validation studies according to this part of ISO 16140 are intended to be performed by organizations involved in method validation. This part of ISO 16140 is applicable to the validation of methods for the analysis (detection or quantification) of microorganisms in — products intended for human consumption, — products intended for animal

feeding, — environmental samples in the area of food and feed production, handling, and — samples from the primary production stage. This part of ISO 16140 is in particular applicable to bacteria and fungi. Some clauses of this part of ISO 16140 could be applicable to other (micro) organisms or their metabolites on a case-by-case-basis. In the future, guidance for other organisms (e.g. viruses and parasites) will be included in either this part or a separate part of ISO 16140.

Keel: en
Alusdokumendid: ISO 16140-2:2016; EN ISO 16140-2:2016; ISO 16140-2:2016/Amd 1:2024; EN ISO 16140-2:2016/A1:2024
Konsolideerib dokumenti: EVS-EN ISO 16140-2:2016
Konsolideerib dokumenti: EVS-EN ISO 16140-2:2016/A1:2024

EVS-EN ISO 20387:2020/A11:2024

Biotehnoloogia. Biopangandus. Üldised nõuded biopangandusele
Biotechnology - Biobanking - General requirements for biobanking

Standardi EN ISO 20387:2020 muudatus

Keel: en
Alusdokumendid: EN ISO 20387:2020/A11:2024
Muudab dokumenti: EVS-EN ISO 20387:2020

EVS-ISO 35001:2020/A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus. Muudatus 1: Kliimameetmete muudatused
Biorisk management for laboratories and other related organisations — Amendment 1: Climate action changes (ISO 35001:2019/Amd 1:2024, identical)

Standardi EVS-ISO 35001:2020 muudatus.

Keel: en, et
Alusdokumendid: ISO 35001:2019/Amd 1:2024
Muudab dokumenti: EVS-ISO 35001:2020

EVS-ISO 35001:2020+A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus
Biorisk management for laboratories and other related organisations (ISO 35001:2019, identical + ISO 35001:2019/Amd 1:2024, identical)

See dokument määratleb protsessi, et identifitseerida, kaalutleda, ohjata ja seirata ohtlike bioloogiliste materjalidega seotud riske. See dokument on rakendatav igas laboris või muus organisatsioonis, mis käitleb, säilitab, transpordib ja/või utiliseerib ohtlikke bioloogilisi materjale. See dokument on mõeldud toetama olemasolevaid laborite rahvusvahelisi standardeid. See dokument ei ole mõeldud laboritele, mis analüüsivad mikroorganismide ja/või toksiinide olemasolu toidus või loomasöödas. Dokument ei ole mõeldud põllumajanduses geneetiliselt muundatud saagi kasutamist puudutavate riskide haldamiseks.

Keel: en, et
Alusdokumendid: ISO 35001:2019; ISO 35001:2019/Amd 1:2024
Konsolideerib dokumenti: EVS-ISO 35001:2020
Konsolideerib dokumenti: EVS-ISO 35001:2020/A1:2024

11 TERVISEHOOLDUS

EVS-EN IEC 60601-2-33:2024

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonantsseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

This document applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of MAGNETIC RESONANCE (MR) EQUIPMENT and MAGNETIC RESONANCE (MR) SYSTEMS. NOTE Where ME EQUIPMENT and ME SYSTEMS are used in the clause headings, this is to be understood to indicate MR EQUIPMENT and MR SYSTEMS. This document does not cover the application of MR EQUIPMENT beyond the INTENDED USE. If a clause or subclause is specifically intended to be applicable to MR EQUIPMENT only, or to MR 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 MR EQUIPMENT and to MR SYSTEMS, as relevant. This document does not formulate additional specific requirements for MR EQUIPMENT or MR SYSTEMS used in INTERVENTIONAL MR EXAMINATIONS.

Keel: en
Alusdokumendid: IEC 60601-2-33:2022; EN IEC 60601-2-33:2024
Asendab dokumenti: EVS-EN 60601-2-33:2010
Asendab dokumenti: EVS-EN 60601-2-33:2010/A1:2015
Asendab dokumenti: EVS-EN 60601-2-33:2010/A11:2011
Asendab dokumenti: EVS-EN 60601-2-33:2010/A12:2016
Asendab dokumenti: EVS-EN 60601-2-33:2010/A2:2015
Asendab dokumenti: EVS-EN 60601-2-33:2010/AC:2010
Asendab dokumenti: EVS-EN 60601-2-33:2010/AC:2016
Asendab dokumenti: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016

EVS-EN IEC 80601-2-78:2020+A1:2024

Elektrilised meditsiiniseadmed. Osa 2-78: Erinõuded taastusraviks, hindamiseks, kompenseerimiseks või leevendamiseks ette nähtud meditsiiniliste robotite esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (IEC 80601-2-78:2019 + IEC 80601-2-78:2019/AMD1:2024)

This part of IEC 80601 applies to the general requirements for BASIC SAFETY and ESSENTIAL PERFORMANCE of MEDICAL ROBOTS that physically interact with a PATIENT with an IMPAIRMENT to support or perform REHABILITATION, ASSESSMENT, COMPENSATION or ALLEVIATION related to the PATIENT'S MOVEMENT FUNCTIONS, as intended by the MANUFACTURER. 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. NOTE See also 4.2 of the general standard. This particular standard does not apply to • external limb prosthetic devices (use ISO 22523), • electric wheelchairs (use ISO 7176 (all parts)), • diagnostic imaging equipment (e.g. MRI, use IEC 60601-2-33), and • personal care ROBOTS (use ISO 13482).

Keel: en
Alusdokumendid: IEC 80601-2-78:2019; EN IEC 80601-2-78:2020; IEC 80601-2-78:2019/AMD1:2024; EN IEC 80601-2-78:2020/A1:2024
Konsolideerib dokumenti: EVS-EN IEC 80601-2-78:2020
Konsolideerib dokumenti: EVS-EN IEC 80601-2-78:2020/A1:2024

EVS-EN ISO 8536-13:2024

Infusion equipment for medical use - Part 13: Graduated flow regulators for single use with fluid contact (ISO 8536-13:2024)

This document specifies requirements for non-sterile, single-use graduated flow regulators used as subcomponents in sterilized infusion sets for single use to control the flow of intravenous infusion solutions with fluid contact under gravity feed conditions.

Keel: en
Alusdokumendid: ISO 8536-13:2024; EN ISO 8536-13:2024
Asendab dokumenti: EVS-EN ISO 8536-13:2016

EVS-ISO 35001:2020/A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus. Muudatus 1: Kliimameetmete muudatused
Biorisk management for laboratories and other related organisations — Amendment 1: Climate action changes (ISO 35001:2019/Amd 1:2024, identical)

Standardi EVS-ISO 35001:2020 muudatus.

Keel: en, et
Alusdokumendid: ISO 35001:2019/Amd 1:2024
Muudab dokumenti: EVS-ISO 35001:2020

EVS-ISO 35001:2020+A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus
Biorisk management for laboratories and other related organisations (ISO 35001:2019, identical + ISO 35001:2019/Amd 1:2024, identical)

See dokument määratleb protsessi, et identifitseerida, kaalutleda, ohjata ja seirata ohtlike bioloogiliste materjalidega seotud riske. See dokument on rakendatav igas laboris või muus organisatsioonis, mis käitleb, säilitab, transpordib ja/või utiliseerib ohtlikke bioloogilisi materjale. See dokument on mõeldud toetama olemasolevaid laborite rahvusvahelisi standardeid. See dokument ei ole mõeldud laboritele, mis analüüsivad mikroorganismide ja/või toksiinide olemasolu toidus või loomasöödas. Dokument ei ole mõeldud põllumajanduses geneetiliselt muundatud saagi kasutamist puudutavate riskide haldamiseks.

Keel: en, et
Alusdokumendid: ISO 35001:2019; ISO 35001:2019/Amd 1:2024
Konsolideerib dokumenti: EVS-ISO 35001:2020
Konsolideerib dokumenti: EVS-ISO 35001:2020/A1:2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 18073:2024

Ambient air - Determination of lung deposited surface area (LDSA) concentration using aerosol monitors based on diffusion charging

This document specifies a process for the electrical diffusion charging of aerosols with subsequent measurement of particle charge. With the aid of this method, it is possible to determine the lung-deposited surface area (LDSA) concentration of particles in ambient air. Depending on the design of the electrical diffusion charger, the LDSA of particles in the size range of approximately 20 nm to approximately 300 nm is measurable. Furthermore, this document specifies design criteria for LDSA measuring aerosol monitors as well as performance criteria and the associated test procedures. The performance criteria depend on the application

and they are more stringent when the instrument is operated in an air quality monitoring station. In the determination of the LDSA concentration, the share of geometric particle surface area concentration is determined that can be deposited in the alveolar region of the human lung. Typical particle surface area concentrations with alveolar deposition measured in urban areas range from 5 µm2/cm3 to 50 µm2/cm3. Instruments based on this measurement principle can be designed to be very compact with a low power consumption. This makes them ideally suited for handheld measurements, other forms of mobile application or to measure personal exposure. On the other hand, they can be easily adapted to serve as a stationary instrument in air quality monitoring stations.

Keel: en
Alusdokumendid: CEN/TS 18073:2024

EVS-EN 13237:2024

Plahvatusohtlikud keskkonnad. Terminid ja määratlused plahvatusohtlikes keskkondades kasutamiseks ette nähtud seadmete ja kaitsesüsteemide kohta
Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This document specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres within the scope of Directive 2014/34/EU. NOTE Terms and definitions avoid misunderstandings that are important in relation to the essential health and safety requirements of Directive 2014/34/EU.

Keel: en
Alusdokumendid: EN 13237:2024
Asendab dokumenti: EVS-EN 13237:2012

EVS-EN 17450-2:2024

Fixed firefighting systems - Water mist systems - Part 2: Product characteristics and test methods for nozzles

This document specifies product characteristics and test methods of open nozzles and automatic nozzles for use in water mist systems. NOTE All pressure data in this document are given as gauge pressures in bar.

Keel: en
Alusdokumendid: EN 17450-2:2024

EVS-EN ISO 19085-11:2024

Puidutöötlusmasinad. Ohutus. Osa 11: Kombineeritud masinad
Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2024)

This document specifies the safety requirements and measures for combined woodworking machines (defined in 3.1), capable of continuous production use, with manual loading and unloading of the workpiece and hereinafter referred to also as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2). This document deals with all significant hazards, hazardous situations and events, listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer; reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document applies to machines also equipped with the devices or additional working units listed in the Scopes of ISO 19085-5:2024, ISO 19085-6:2024, ISO 19085-7:2024 and ISO 19085-9:2024. This document does not apply to: a) machines incorporating a planing unit and a mortising device only; NOTE Machines incorporating a planing unit and a mortising device only are dealt with in ISO 19085-7:2024. b) combined machines incorporating a band saw unit; c) machines with a mortising unit with a separate drive other than the planing unit drive; d) machines intended for use in potentially explosive atmosphere; e) machines manufactured before the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-11:2024; EN ISO 19085-11:2024
Asendab dokumenti: EVS-EN ISO 19085-11:2020

EVS-EN ISO 19085-4:2024

Puidutöötlusmasinad. Ohutus. Osa 4: Vertikaalsed ketassaagpingid
Woodworking machines - Safety - Part 4: Vertical panel circular sawing machines (ISO 19085-4:2024)

This document specifies the safety requirements and measures for manually loaded and unloaded vertical panel circular sawing machines (defined in 3.1) capable of continuous production use, with hand feed or integrated feed, hereinafter referred to also as “machines”. This document deals with all significant hazards, hazardous situations and events, as listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases are also taken into account. This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: — an integrated feed device; — a device for scoring; — an angle cutting device; — a middle support device; — programmable end stops for parallel vertical cuts; — a device for grooving with a milling tool with a cutting width not exceeding 27 mm; — a panel pusher; — a panel lowering device; — stop devices for workpiece during horizontal cuts. The machines are designed for cutting panels consisting of: a) solid wood; b) material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2); c) composite materials with core consisting, for example, of polyurethane or mineral material laminated with light alloy; d) polymer-matrix composite materials and reinforced thermoplastic/thermoset/elastomeric materials; e) gypsum boards, gypsum bounded fibreboards; f) honeycomb aluminium boards; g) matrix engineered mineral boards, silicate

boards; h) aluminium light alloy plates; i) composite boards made from the materials listed above. This document does not apply to machines — with pressure beam and saw unit mounted behind the workpiece support, — where the guide rails on which the saw unit moves vertically are fixed on the machine frame and the horizontal cut can only be made by manually feeding the panel, — designed to cut in vertical direction only, — automatically performing two or more cutting cycles in sequence, — intended for use in potentially explosive atmosphere, and — manufactured prior to the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-4:2024; EN ISO 19085-4:2024
Asendab dokumenti: EVS-EN ISO 19085-4:2018

EVS-EN ISO 19085-5:2024

Puidutöötlusmasinad. Ohutus. Osa 5: Formaatsaagpingid
Woodworking machines - Safety - Part 5: Dimension saws (ISO 19085-5:2024)

This document specifies the safety requirements and measures for dimension saws (defined in 3.1), capable of continuous production use and hereinafter referred to also as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood. This document deals with all significant hazards, hazardous situations and events, listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer; reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: a) device to raise and lower the main saw blade and scoring saw blade; b) device to tilt the main saw blade and scoring saw blade for angled cutting in one or both directions; c) device for scoring; d) device for grooving with milling tool with a width not exceeding 20 mm; e) demountable power feed unit; f) power-operated sliding table; g) workpiece clamping. This document is not applicable to machines intended for use in potentially explosive atmospheres or to machines manufactured prior to the date of its publication.

Keel: en
Alusdokumendid: ISO 19085-5:2024; EN ISO 19085-5:2024
Asendab dokumenti: EVS-EN ISO 19085-5:2017

EVS-EN ISO 19085-7:2024

Puidutöötlusmasinad. Ohutus. Osa 7: Rihthöövelpingid, paksushöövelpingid, ühendatud riht-paksushöövelpingid
Woodworking machines - Safety - Part 7: Surface planing, thickness planing and combined surface/thickness planing machines (ISO 19085-7:2024)

This document specifies the safety requirements and measures for — surface planing machines, also called jointers, — thickness planing machines, also called planers or single surface planers, and — combined surface/thickness planing machines with fixed cutter block position, with an integrated feed in thickness planing mode, with or without demountable power feed device in planing mode, with manual loading and/or unloading of the workpiece, and capable of continuous production use, altogether referred to as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2). This document deals with all significant hazards, hazardous situations and events as listed in Annex A relevant to the machines when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer. Reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document is also applicable to surface planing machines and combined surface/thickness planing machines fitted with an optional mortising device, whose hazards have been dealt with. This document does not apply to: a) machines with more than one cutter block; b) machines with a mortising unit driven by a separate motor; c) machines where the cutter block is adjustable for depth of cut setting in thickness planing mode; d) machines where the conversion from planing to thickness planing mode or vice versa is achieved by mounting or demounting parts/units; e) machines where surface planing and thickness planing can be performed at the same time; f) machines intended for use in potentially explosive atmosphere; g) machines manufactured prior to the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-7:2024; EN ISO 19085-7:2024
Asendab dokumenti: EVS-EN ISO 19085-7:2019

EVS-EN ISO 19085-8:2024

Puidutöötlusmasinad. Ohutus. Osa 8: Lailintlihvpingid ja pinnatöötluspingid
Woodworking machines - Safety - Part 8: Wide belt sanding machines and surface treating machines (ISO 19085-8:2024)

This document specifies the safety requirements and measures for wide belt sanding machines (defined in 3.1) and for surface treating machines (defined in 3.2) capable of continuous production use, altogether referred to as “machines”. This document deals with all significant hazards, hazardous situations and events, as listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases are also taken into account. This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: — transversal sanding unit; — cleaning brushing unit; — satining roller unit; — disk brushing unit; — texturing brushing roller unit; — texturing brushing belt unit; — cutterblock unit; — texturing band saw unit; — spiked roller unit; — multi blade unit; — conveyor directly controlled by the machine; — additional workpiece vacuum clamping device; — antistatic bar unit. NOTE 1 An antistatic bar is a device that eliminates electrostatic charges on the workpiece to ease its subsequent cleaning from dust by airflow. This document is also applicable to machines fitted with a laser engraving unit, but the specific hazards of this unit have not been dealt with. The machines are designed to process workpieces with flat surface and even thickness, in shape of panels or beams or frames, consisting of: a) solid wood; b) material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2); c) gypsum boards, gypsum bounded fibreboards; d) composite materials with core consisting of, e.g. polyurethane or mineral

material; e) composite boards made from the materials listed above; f) all materials listed above, already lacquered. This document does not deal with hazards related to: — specific devices other than those listed above; — access through in-feed and out-feed openings of machines with a work piece height capacity greater than 700 mm; — systems for powered loading or unloading, or both, of the workpiece to or from a single machine; NOTE 2 Loading the machine manually includes manually placing the workpiece onto a conveyor directly controlled by the machine. Unloading the machine manually includes manually removing the workpiece from a conveyor directly controlled by the machine. — out-feed workpieces on machines with feed speed higher than 60 m/min; — interfacing of the machine with any other machine. This document is not applicable to machines intended for use in a potentially explosive atmosphere and to machines manufactured prior to the date of its publication.

Keel: en
Alusdokumendid: ISO 19085-8:2024; EN ISO 19085-8:2024
Asendab dokumenti: EVS-EN ISO 19085-8:2018

EVS-EN ISO 19085-9:2024

Puidutöötlusmasinad. Ohutus. Osa 9: Ketassaagpingid (liikuva töölauaga ja ilma)
Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2024)

This document specifies the safety requirements and measures for circular saw benches with or without sliding table or demountable power feed unit or both and capable of continuous production use, also known as “table saws” (in the USA), hereinafter referred to also as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2). This document deals with all significant hazards, hazardous situations and events as listed in Annex A relevant to the machines when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer; reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document is also applicable to machines fitted with one or more of the following devices or working units, whose hazards have been dealt with: — device for the main saw blade and scoring saw blade to be raised and lowered through the table; — device to tilt the main saw blade and scoring saw blade for angled cutting; — device for scoring; — device for grooving with milling tool with a width not exceeding 20 mm in one pass; — demountable power feed unit; — additional manually operated sliding table; — powered workpiece clamping device. This document does not apply to: a) machines intended for outdoor use on building sites; NOTE Building site saws (contractor saws) are covered by the requirements of ISO 19085-10:2018. b) handheld woodworking machines including any adaptation permitting their use in a different mode, i.e. bench mounting; c) machines intended for use in a potentially explosive atmosphere; d) machines manufactured prior to the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-9:2024; EN ISO 19085-9:2024
Asendab dokumenti: EVS-EN ISO 19085-9:2020

EVS-EN ISO 24212:2024

Remediation techniques applied at contaminated sites (ISO 24212:2024)

This document provides requirements and guidance on key aspects of remediation techniques. It describes the principles, main characteristics, advantages and limitations to be considered in the selection within an option appraisal of individual or combinations of in situ and on-site remediation techniques, including: — the type of contaminants to be dealt with; — current and/or intended site use; — local legal, policy, socio-economic and environmental contexts. This document is applicable to the remediation of contaminated sites, i.e. where soil, or soil gas, ambient air or groundwater are contaminated. It identifies which phase/matrix can be targeted by a technique, e.g. fluid (groundwater, gas, non-aqueous phase liquid) or solid, and which contaminant it can applied to. This document also provides information on hazards that can be associated with the implementation of remediation. This document does not provide: — an exhaustive list of remediation techniques; — guidance on sites contaminated with radioactive substances, pathogenic or infectious agents, or “pyrotechnic devices” (e.g. unexploded ordnances); — guidance on ex situ techniques that are set up off-site; — a framework that covers all individual situations, or prescribes which technique(s) to use in a specific context.

Keel: en
Alusdokumendid: ISO 24212:2024; EN ISO 24212:2024

EVS-EN ISO 9773:2024

Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source (ISO 9773:2024)

This document specifies a small-scale laboratory screening procedure for comparing the relative burning behaviour of vertically oriented thin and relatively flexible plastics specimens exposed to a low-energy-level flame ignition source. NOTE These specimens cannot be tested using method B of IEC 60695-11-10:2013 since they distort or shrink away from the applied flame source without igniting. This test method determines the afterflame and afterglow times of specimens. The classification system described in Annex A is intended for quality control and the preselection of component materials for products. The classification established by this method of test is applicable only to the material used for the specimens. NOTE Test results are influenced by material components, e.g. pigments, fillers, concentrations of fire retardants.

Keel: en
Alusdokumendid: ISO 9773:2024; EN ISO 9773:2024
Asendab dokumenti: EVS-EN ISO 9773:1999
Asendab dokumenti: EVS-EN ISO 9773:1999/A1:2004

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60216-2:2005/AC:2024

Electrical insulating materials - Thermal endurance properties - Part 2: Determination of thermal endurance properties of electrical insulating materials - Choice of test criteria

Corrigendum to EN 60216-2:2005

Keel: en
Alusdokumendid: EN 60216-2:2005/AC:2024-09; IEC 60216-2:2005/COR1:2024
Parandab dokumenti: EVS-EN 60216-2:2005

EVS-EN 61786-1:2014+A1:2024

Measurement of DC magnetic, AC magnetic and AC electric fields from 1 Hz to 100 kHz with regard to exposure of human beings - Part 1: Requirements for measuring instruments (IEC 61786-1:2013 + IEC 61786-1:2013/AMD1:2024)

This part of IEC 61786 provides guidance for measuring instruments used to measure the field strength of quasi-static magnetic and electric fields that have a frequency content in the range 1 Hz to 100 kHz and with DC magnetic fields to evaluate the exposure levels of the human body to these fields. Sources of fields include devices that operate at power frequencies and produce power frequency and power frequency harmonic fields, as well as devices that produce fields within the frequency range of this document, including devices that produce static fields, and the earth's static magnetic field. The magnitude ranges covered by this standard are 0,1 □T to 200 mT in AC (1 □T to 10 T in DC) and 1 V/m to 50 kV/m for magnetic fields and electric fields, respectively. When measurements outside this range are performed, most of the provisions of this standard will still apply, but special attention should be paid to specified uncertainty and calibration procedures. Specifically, this standard – defines terminology; – identifies requirements on field meter specifications; – indicates methods of calibration; – defines requirements on instrumentation uncertainty; – describes general characteristics of fields; – describes operational principles of instrumentation. NOTE Measurement methods that achieve defined goals pertaining to assessment of human exposure are described in IEC 61786-2 Sources of uncertainty during calibration are also identified. In regard to electric field measurements, this standard considers only the measurement of the unperturbed electric field strength at a point in free space (i.e. the electric field prior to the introduction of the field meter and operator) or above conducting surfaces. This horizontal standard is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 108. One of the responsibilities of a technical committee is, wherever applicable, to make use of horizontal standards in the preparation of its publications. The contents of this horizontal standard will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 61786-1:2013; EN 61786-1:2014; IEC 61786-1:2013/AMD1:2024; EN 61786-1:2014/A1:2024
Konsolideerib dokumenti: EVS-EN 61786-1:2014
Konsolideerib dokumenti: EVS-EN 61786-1:2014/A1:2024

EVS-EN ISO 5463:2024

Geometrical product specifications (GPS) - Rotary axis form-measuring instruments - Design and metrological characteristics (ISO 5463:2024)

This document specifies the most important design and metrological characteristics of rotary axis form-measuring instruments. It is not applicable to coordinate measurement systems as defined by the ISO 10360 series, whether the systems are fitted with a rotary axis or not, except by special agreement.

Keel: en
Alusdokumendid: ISO 5463:2024; EN ISO 5463:2024

19 KATSETAMINE

EVS-EN ISO 18563-2:2024

Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 2: Array probes (ISO 18563-2:2024)

This document specifies characterization tests to be performed at the end of the fabrication of an array probe. It defines both methodology and acceptance criteria. This document is applicable to the following array probes used for ultrasonic non-destructive testing [phased array technique or signal processing technique, e.g. full-matrix capture (FMC) and total-focusing technique (TFM)] in contact technique (with or without a wedge or delay line) or in immersion technique, with centre frequencies in the range 0,5 MHz to 10 MHz: a) array probes with elements in one direction: — 1-D-linear array (linear array); — 1-D-curved array; — annular array; b) array probes with elements in two directions: — 2-D-array (matrix array); — sectorial annular array; — partial sectorial annular array. This document does not give methods and acceptance criteria to characterize the performance of an ultrasonic phased array instrument or the performance of a complete system, which are given in ISO 18563–1 and in ISO 18563–3.

Keel: en
Alusdokumendid: ISO 18563-2:2024; EN ISO 18563-2:2024
Asendab dokumenti: EVS-EN ISO 18563-2:2017

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13480-3:2024

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

This document specifies the design and calculation of industrial metallic piping systems, including supports, covered by EN 13480 series.

Keel: en
Alusdokumendid: EN 13480-3:2024
Asendab dokumenti: EVS-EN 13480-3:2017
Asendab dokumenti: EVS-EN 13480-3:2017/A1:2021
Asendab dokumenti: EVS-EN 13480-3:2017/A2:2020
Asendab dokumenti: EVS-EN 13480-3:2017/A3:2020
Asendab dokumenti: EVS-EN 13480-3:2017/A4:2021
Asendab dokumenti: EVS-EN 13480-3:2017/A5:2022
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3:2020
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3+A1:2021
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022

EVS-EN 13480-6:2024

Metallist tööstustorustik. Osa 6: Täiendavad nõuded kaetud torudele
Metallic industrial piping - Part 6: Additional requirements for buried piping

This document specifies requirements for industrial piping either totally buried or partly buried and partly run in sleeves or similar protection. It is used in conjunction with the other six parts of EN 13480:2024 series. Where buried piping subject to this standard connects to piping installed under other jurisdiction such as pipelines, the transition can be made at a closing element e.g. an isolating or regulating valve separating the two sections. This can be close to the boundary of the industrial site, but can be inside or outside the boundary. Operating temperature up to 75 °C. NOTE For higher temperatures reference can be made to EN 13941-1:2019+A1:2021 and EN 13941 1:2019+A1:2021, but it is kept in mind, that CEN/TC 107 only deals with pre-insulated piping with temperatures up to 140 °C and diameters up to 800 mm, which is state of the art for these products.

Keel: en
Alusdokumendid: EN 13480-6:2024
Asendab dokumenti: EVS-EN 13480-6:2017/A1:2019
Asendab dokumenti: EVS-EN 13480-6:2017+A1:2019

EVS-EN 13480-8:2024

Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele
Metallic industrial piping - Part 8: Additional requirements for aluminium and aluminium alloy piping

This document specifies requirements for industrial piping systems made of aluminium and aluminium alloys in addition to the general requirements for industrial piping according to the series of standards EN 13480:2024 and CEN/TR 13480-7:2017. It specifies requirements for wrought products only. NOTE Castings is not covered in this document.

Keel: en
Alusdokumendid: EN 13480-8:2024
Asendab dokumenti: EVS-EN 13480-8:2017

EVS-EN 1591-1:2024

Äärikud ja nende ühendused. Tihendiga ümaräärikutega liidete projekteerimisreeglid. Osa 1: Arvutusmeetod
Flanges and their joints - Design rules for gasketed circular flange connections - Part 1: Calculation

This document defines a calculation method for bolted, gasketed, circular flange joints. Its purpose is to ensure structural integrity and control of leak tightness. It uses gasket parameters based on definitions and test methods specified in EN 13555:2014. The calculation method is not applicable to joints with a metallic contact out of the sealing face or to joints whose rigidity varies appreciably across gasket width. For gaskets in incompressible materials, which permit large deformations, the results given by the calculation method can be excessively conservative (i.e. required bolting load too high, allowable pressure of the fluid too low, required flange thickness too large, etc.).

Keel: en
Alusdokumendid: EN 1591-1:2024
Asendab dokumenti: EVS-EN 1591-1:2014

EVS-EN ISO 21012:2024

Krüogeenanumad. Voolikud
Cryogenic vessels - Hoses (ISO 21012:2024)

This document specifies design, construction, type and production testing, and marking requirements for both non-insulated cryogenic flexible hoses and insulated vacuum jacketed hoses used for the transfer of cryogenic fluids within the following range of operating conditions: — working temperature range: from −270 °C to +65 °C; — nominal size (DN): from 10 to 100. End fittings for mounting of any couplings are within the scope of this document, but the couplings are subject to other standards.

Keel: en
Alusdokumendid: ISO 21012:2024; EN ISO 21012:2024
Asendab dokumenti: EVS-EN ISO 21012:2018

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 14344:2024

Welding consumables - Procurement of filler materials and fluxes (ISO 14344:2024)

This document specifies tools for communication between a purchaser and a supplier of welding consumables within quality systems, such as those based upon ISO 9001. This document, together with an applicable welding consumable standard (ISO or other), provides a method for preparing the specific details needed for welding consumable procurement which consists of: a) the welding consumable classification (selected from the applicable welding consumable standard); b) the lot classification (selected from Clause 4); c) the testing schedule (selected from Clause 5). Selection of the specific welding consumable classification, lot classification, and testing schedule depends upon the requirements of the application for which the welding consumable is being procured. This document does not apply to non-consumable electrodes or shielding gases.

Keel: en
Alusdokumendid: ISO 14344:2024; EN ISO 14344:2024
Asendab dokumenti: EVS-EN ISO 14344:2010

EVS-EN ISO 636:2024

Welding consumables - Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels - Classification (ISO 636:2024)

This document specifies requirements for classification of rods, wires and deposits in the as-welded condition and in the post-weld heat-treated condition for tungsten inert gas welding of non-alloy and fine-grain steels with a minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. This document is a combined specification providing classification utilizing a system based upon the yield strength and the average impact energy of 47 J of all-weld metal or utilizing a system based upon the tensile strength and the average impact energy of 27 J of all-weld metal. a) Components which carry the suffix “system A” are applicable only to rods, wires and deposits classified to the system based upon the yield strength and the average impact energy of 47 J of all-weld metal in accordance with this document. b) Components which carry the suffix “system B” are applicable only to rods, wires and deposits classified to the system based upon the tensile strength and the average impact energy of 27 J of all-weld metal in accordance with this document. c) Components which have neither the suffix “system A” nor the suffix “system B” are applicable to all rods, wires and deposits classified in accordance with this document.

Keel: en
Alusdokumendid: ISO 636:2024; EN ISO 636:2024
Asendab dokumenti: EVS-EN ISO 636:2017

29 ELEKTROTEHNIKA

EVS-EN 13237:2024

Plahvatusohtlikud keskkonnad. Terminid ja määratlused plahvatusohtlikes keskkondades kasutamiseks ette nähtud seadmete ja kaitsesüsteemide kohta
Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This document specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres within the scope of Directive 2014/34/EU. NOTE Terms and definitions avoid misunderstandings that are important in relation to the essential health and safety requirements of Directive 2014/34/EU.

Keel: en
Alusdokumendid: EN 13237:2024
Asendab dokumenti: EVS-EN 13237:2012

EVS-EN 50617-2:2024

Raudteealased rakendused. Rongituvastussüsteemide tehnilised andmed üle-Euroopalise raudteesüsteemi koostalitusvõime tagamiseks. Osa 2: Teljeloendurid
Railway applications - Technical parameters of train detection systems for the interoperability of the trans-European railway system - Part 2: Axle counters

This document specifies parameters for the design and usage of axle counter systems. For this, this document specifies the technical parameters of axle counter systems associated with the magnetic field limits for RST in the context of interoperability.

In addition, test methods are defined for establishing the conformity and the performance of an axle counter detector. This document is intended to be used to assess compliance of axle counter systems and other forms of wheel sensors used for train detection, in the context of the European Directive on the interoperability of the trans-European railway system and the associated technical specification for interoperability relating to the control-command and signalling track-side subsystems. This document can also be used for axle counter systems installed on lines which are not declared as interoperable (including metro and tram lines). For wheel sensors and wheel detectors in other applications than axle counters but using the same sensors on the rail and detection circuits, transient and continuous interference can be considered as equivalent to axle counter detectors or axle counter sensors. Under interoperability, the frequency bands and rolling stock emission limits are currently defined in the axle counter FrM as specified in the ERA/ERTMS/033281 document.

Keel: en
Alusdokumendid: EN 50617-2:2024
Asendab dokumenti: EVS-EN 50617-2:2015
Asendab dokumenti: EVS-EN 50617-2:2015/AC:2016

EVS-EN 50620:2017/A2:2024

Elektrikaablid. Elektrisõidukite laadimiskaablid
Electric cables - Charging cables for electric vehicles

This standard specifies design, dimensions and test requirements for halogen-free cables with extruded insulation and sheath having a voltage rating of up to and including 450/750 V for flexible applications under severe condition for the power supply between the electricity supply point or the charging station and the electric vehicle (EV). The EV charging cable is intended to supply power and if needed communication (details see EN 61851 1 and the EN 62196 series) to an electric vehicle. The charging cables are applicable for charging modes 1-3 of EN 61851 1. The cables in this standard with rated voltage 300/500 V are only permitted for charging mode 1 of EN 61851 1. The maximum conductor operating temperatures for the cables in this standard is 90 °C. The cables may be: a) an integral part of the vehicle (case A of EN 61851 1); or b) a detachable cable assembly with a vehicle connector and AC supply connection to a socket outlet (case B of EN 61851 1); or c) permanently attached to a fixed charging point (case C of EN 61851 1). This standard describes cables whose safety and reliability is ensured when they are installed and/or used in accordance to the guide to use EN 50565 1 and Annex B

Keel: en
Alusdokumendid: EN 50620:2017/A2:2024
Muudab dokumenti: EVS-EN 50620:2017

EVS-EN IEC 60335-2-29:2021/A11:2024

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-29: Erinõuded akulaaduritele
Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers

Standardi EN 60335-2-29:2021 muudatus

Keel: en
Alusdokumendid: EN IEC 60335-2-29:2021/A11:2024
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021+A1:2021

EVS-EN IEC 60335-2-29:2021+A1+A11:2024

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-29: Erinõuded akulaaduritele
Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers (IEC 60335-2-29:2016, modified + IEC 60335-2-29:2016/A1:2019)

This clause of Part 1 is replaced by the following. This part of IEC 60335 deals with the safety of electric battery chargers for household and similar use having an output not exceeding 250 V ripple-free direct current, their rated voltage being not more than 250 V. Battery chargers intended for charging batteries in a household end use application outside the scope of the IEC 60335 series of standards are within the scope of this standard. Requirements for battery chargers for use by children at least 8 years old without supervision are given in Annex AA. Battery chargers not intended for normal household use, but which nevertheless may be a source of danger to the public, such as battery chargers intended for use in garages, shops, light industry and on farms, are within the scope of this standard. This document deals with the reasonably foreseeable hazards presented by appliances and machines that are encountered by all persons. However, in general, it does not take into account: • children playing with the appliance; • the use of the appliance by very young children; • the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this standard. NOTE 101 Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities. NOTE 102 This standard does not apply to – built-in battery chargers, except those for installing in caravans and similar vehicles; – battery chargers that are part of an appliance, the battery of which is not accessible to the user; – battery chargers intended exclusively for industrial purposes; – battery chargers intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – battery chargers for emergency lighting (IEC 60598-2-22); – supply units for electronic equipment.

Keel: en
Alusdokumendid: IEC 60335-2-29:2016; EN IEC 60335-2-29:2021; IEC 60335-2-29:2016/A1:2019; EN IEC 60335-2-29:2021/A1:2021; EN IEC 60335-2-29:2021/A11:2024
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021/A1:2021
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021/A11:2024
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021+A1:2021

EVS-EN IEC 62271-100:2021/A1:2024

High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers

Amendment to EN IEC 62271-100:2021

Keel: en
Alusdokumendid: IEC 62271-100:2021/AMD1:2024; EN IEC 62271-100:2021/A1:2024
Muudab dokumenti: EVS-EN IEC 62271-100:2021

33 SIDETEHNIKA

CEN/TS 18078:2024

Electronic fee collection - Measurement of interferences on tolling and tachograph devices from radio local area network devices operating in the 5,8 GHz frequency range - Test suite structure and test purposes

This document specifies the set-up of a testing system and the test suite structure and test purposes, i.e. tests to be used to assess the level of interference from RLAN devices operating in the 5,8 GHz range on tolling and tachograph devices operating in the same frequency range. To obtain generalized results that can subsequently be used to design appropriate mitigation techniques, the test environment and the test cases are designed to: 1. acquire a large number of transactions on devices of different makes and characteristics; 2. ensure anonymity of results. The test results ensure calculation of averages as well as standard deviations. The tests specified in this document are for the sole purpose of investigating RLAN interference over DSRC communications. Other factors that can impact the performance of DSRC and also the level of interference in a test scenario are not subject to test specifications and out of the scope of this document.

Keel: en
Alusdokumendid: CEN/TS 18078:2024

EVS-EN 300 132-2 V2.8.1:2024

Environmental Engineering (EE); Power supply interface at the input of Information and Communication Technology (ICT) equipment; Part 2: -48 V Direct Current (DC)

The present document contains requirements and measurements methods for the physical interface "A" that is situated between the power supply system(s) and the power consuming ICT equipment. The nominal voltage at power interface "A" of ICT equipment defined in the present document is DC voltage -48 V. The DC power can be supplied by a DC output power system (e.g. based on AC rectifiers on grid or DC/DC converters on solar system, fuel cell, DC engine or fuel cell generator) and also directly supplied by a battery backup in this DC power system. The purpose of the present document is to be able to use a power supply system with the same characteristics for all ICT equipment defined in the area of application: - to facilitate inter working of different types of load units; - to facilitate the standardization of ICT equipment; - to facilitate the installation, operation and maintenance in the same network of ICT equipment and systems from different origins. The present document aims at providing electrical compatibility between the power supply equipment and the power consuming ICT equipment, between different system blocks and loads connected to the same power supply feeding the interface "A" (e.g. control/monitoring, cooling system, etc.). The requirements are defined for: - the power supply input of any type of ICT equipment installed at telecommunication centres that are connected to interface "A" powered by DC; - any type of ICT equipment, installed in access networks and customers' premises, the DC interface "A" of which is also used by equipment requiring a DC supply source; - any type of ICT equipment powered by DC, used in the fixed and mobile networks installed in different locations such as buildings, shelters, street cabinets, outdoor installations. Disturbances on the power supply interface "A" relating to the continuous wave phenomena below 20 kHz are covered within the present document. The present document does not cover safety requirements, they are covered by relevant safety standards. The present document does not cover EMC requirements, they are covered by relevant EMC standards. NOTE: Annex B gives guidance on -60 VDC supply systems.

Keel: en
Alusdokumendid: ETSI EN 300 132-2 V2.8.1

EVS-EN 301 489-17 V3.3.1:2024

Elektromagnetilise ühilduvuse (EMC) standard raadioseadmetele ja teenustele; Osa 17. Eritingimused lairiba andmeedastussüsteemidele; Elektromagnetilise ühilduvuse harmoneeritud standard
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband and Wideband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility

The present document specifies technical characteristics and methods of measurements for broadband and wideband data transmission system equipment including the associated ancillary equipment in respect of electromagnetic compatibility, as detailed in table 1. Technical specifications related to the antenna port and emissions from the enclosure port of the radio equipment are not included in the present document. Such technical specifications are found in the relevant product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment and performance criteria for broadband and wideband data transmission systems as detailed in table 1. NOTE 1: In the context of the present document, broadband and wideband are interchangeable. Table 1: Radio Technologies in scope of the present document Technology; ETSI Standard Wideband transmission systems/ Data transmission equipment operating in the 2,4 GHz band; ETSI EN 300 328 5 GHz RLAN; ETSI EN 301 893 6 GHz WAS/RLAN; ETSI EN 303 687 Wireless Access Systems (WAS)/5,8 GHz fixed broadband data transmitting systems; ETSI EN 302 502 Multi-Gigabit Wireless Systems (MGWS) in the 60 GHz band; ETSI EN 302 567 Wideband Data Transmission Systems (WDTS) for Fixed Network Radio Equipment operating in the 57 GHz to 71 GHz band; ETSI EN 303 722 Emissions requirements in the present document are specified for frequencies

above 9 kHz. The environmental classification and the emission and immunity requirements used in the present document are as stated in ETSI EN 301 489-1, except for any special conditions included in the present document. NOTE 2: The relationship between the present document and essential requirements of article 3.1(b) of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 301 489-17 V3.3.1

EVS-EN 301 908-13 V13.3.1:2024

IMT kärgsidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 13. E-UTRA kasutajaseadmed (UE)

IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

The present document applies to the following radio equipment type: • User Equipment for Evolved Universal Terrestrial Radio Access (E-UTRA). This radio equipment type is capable of operating in all or any part of the frequency bands given in tables from 1-1 through 1-5. Table 1-1: E-UTRA UE operating bands E-UTRA Band; Direction of UE transmission/E-UTRA operating bands; Related EC/ECC decision 1; Transmit 1 920 MHz to 1 980 MHz; Receive 2 110 MHz to 2 170 MHz; (EU) 2020/667 and ECC Decision (06)01 3; Transmit 1 710 MHz to 1 785 MHz; Receive 1 805 MHz to 1 880 MHz; (EU) 2022/173 and ECC Decision (06)13 7; Transmit 2 500 MHz to 2 570 MHz; Receive 2 620 MHz to 2 690 MHz; (EU) 2020/636 and ECC Decision (05)05 8; Transmit 880 MHz to 915 MHz; Receive 925 MHz to 960 MHz; (EU) 2022/173 and ECC Decision (06)13 20; Transmit 832 MHz to 862 MHz; Receive 791 MHz to 821 MHz; 2010/267/EU and ECC Decision (09)03 22; Transmit 3 410 MHz to 3 490 MHz; Receive 3 510 MHz to 3 590 MHz; (EU) 2019/235 and ECC Decision (11)06 28 (see note 6); Transmit 703 MHz to 748 MHz; Receive 758 MHz to 803 MHz; (EU) 2016/687 and ECC Decision (15)01 31; Transmit 452,5 MHz to 457,5 MHz; Receive 462,5 MHz to 467,5 MHz; ECC Decision (19)02 32 (see note 1)(see note 2); Transmit N/A; Receive 1 452 MHz to 1 496 MHz; (EU) 2018/661 and ECC Decision (13)03 33; Transmit and Receive 1 900 MHz to 1 920 MHz; ECC Decision (06)01 34; Transmit and Receive 2 010 MHz to 2 025 MHz; ECC Decision (06)01 38; Transmit and Receive 2 570 MHz to 2 620 MHz; (EU) 2020/636 and ECC Decision (05)05 40; Transmit and Receive 2 300 MHz to 2 400 MHz; ECC Decision (14)02 41 (note 7); Transmit and Receive 2 496 MHz to 2 690 MHz; (EU) 2020/636 and ECC Decision (05)05 42; Transmit and Receive 3 400 MHz to 3 600 MHz; (EU) 2019/235 and ECC Decision (11)06 43; Transmit and Receive 3 600 MHz to 3 800 MHz; (EU) 2019/235 and ECC Decision (11)06 46 (see note 3) (see note 4); Transmit and Receive 5 150 MHz to 5 925 MHz; (EU) 2022/179 and ECC Decision (04)08 65 (see note 5); Transmit 1 920 MHz to 2 010 MHz; Receive 2 110 MHz to 2 200 MHz; (EU) 2020/667, ECC Decision (06)01 and ECC Decision (06)09 67; Transmit N/A; Receive 738 MHz to 758 MHz; (EU) 2016/687 and ECC Decision (15)01 68; Transmit 698 MHz to 728 MHz; Receive 753 MHz to 783 MHz; (EU) 2016/687 and ECC Decision (15)01 69 (see note 1); Transmit N/A; Receive 2 570 MHz to 2 620 MHz; (EU) 2020/636 and ECC Decision (05)05 72; Transmit 451 MHz to 456 MHz; Receive 461 MHz to 466 MHz; ECC Decision (19)02 87; Transmit 410 MHz to 415 MHz; Receive 420 MHz to 425 MHz; ECC Decision (19)02 88; Transmit 412 MHz to 417 MHz; Receive 422 MHz to 427 MHz; ECC Decision (19)02 NOTE 1: Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell. NOTE 2: In Europe, according to (EU) 2018/661 and ECC Decision (13)03, radio equipment in band 32 operates between 1 452 MHz and 1 492 MHz. NOTE 3: This band is an unlicensed band restricted to licensed-assisted operation using Frame Structure Type 3. In Europe according to (EU) 2022/179 and ECC Decision (04)08, radio equipment in band 46 operates between 5 150 MHz and 5 725 MHz as in table 1-1A. NOTE 4: In this version of the present document, restricted to E-UTRA DL operation when carrier aggregation is configured. NOTE 5: A UE that complies with the E-UTRA Band 65 minimum requirements in the present document also complies with the E-UTRA Band 1 minimum requirements. This band includes two frequency ranges that are harmonised in Europe: a) According to (EU) 2020/667 and ECC Decision (06)01, radio equipment in band n65 operates between 2 110 MHz and 2 170 MHz for the transmitter (FDL_low = 2 110 MHz and FDL_high = 2 170 MHz), and between 1 920 MHz and 1 980 MHz for the receiver (FUL_low = 1 920 MHz and FUL_high = 1 980 MHz). b) Based on (EU) 2022/179, radio equipment in band n65 operates between 2 170 MHz and 2 200 MHz for the transmitter (FDL_low = 2 170 MHz and FDL_high = 2 200 MHz) and between 1 980 MHz and 2 010 MHz for the receiver (FUL_low = 1 980 MHz and FUL_high = 2 010 MHz) as the Complementary Ground Component (CGC) of a Mobile-satellite service by reference to the present Harmonised Standard. NOTE 6: In Europe, according to (EU) 2016/687, ECC Decision (15)01 and ECC Decision (19)02, radio equipment in band 28 operates between 703 MHz to 736 MHz for the transmitter (FUL_low = 703 MHz and FUL_high = 736 MHz) and between 758 MHz to 791 MHz for the receiver (FDL_low = 758 MHz and FDL_high = 791 MHz). NOTE 7: In Europe according to (EU) 2020/636 and ECC Decision (05)05, radio equipment in band 41 operates between 2 500 MHz and 2 570 MHz (FDL_low = 2 500 MHz and FDL_high = 2 570 MHz). 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. Table 1-1A: Sub-bands for band 46 E-UTRA Band 46a 46b 46c NOTE: The sub-bands 46a and 46b are restricted to indoor use only. Table 1-2: E-UTRA UE Intra-band contiguous CA operating bands E-UTRA CA Band CA_1 CA_3 CA_7 CA_38 CA_40 CA_41 CA_42 Table 1-3: E-UTRA UE Inter-band CA operating bands (two bands) E-UTRA CA Band CA_1-3 CA_1-7 CA_1-8 CA_1-20 CA_1-41 CA_1-42 CA_1-46 CA_3-7 CA_3-8 CA_3-20 CA_3-28 CA_3-41 CA_3-42 CA_3-46 CA_7-20 CA_7-28 CA_7-46 CA_8-20 CA_8-40 CA_8-41 CA_20-32 CA_41-42 CA_41-46 CA_42-46 CA_20-67 Table 1-4: E-UTRA UE Inter-band CA operating bands (three bands) E-UTRA CA Band CA_1-3-8 CA_1-3-20 CA_1-7-20 CA_3-7-20 CA_3-41-42 Table 1-5: Intra-band non-contiguous CA operating bands (with two sub-blocks) E-UTRA CA Band CA_3-3 CA_7-7 CA 41-41 CA_42-42 E-UTRA NB-IoT is designed to operate in the E-UTRA operating bands 1, 3, 8, 20, 28 and 65 defined in table 1-1. The present document covers requirements for E-UTRA FDD and E-UTRA TDD User Equipment from 3GPP™ Releases 8, 9, 10, 11, 12, and 13 defined in ETSI TS 136 101. This includes the requirements for E-UTRA UE operating bands and E-UTRA CA operating bands from 3GPP™ Release 13 defined in ETSI TS 136 101. NOTE 2: For Band 20: • For user equipment designed to be mobile or nomadic, the requirements in the present document measured at the antenna port also show conformity to the corresponding requirement defined as Total Radiated Power (TRP), as described in Commission Decision 2010/267/EU and ECC Decision (09)03. • For user equipment designed to be fixed or installed, the present document does not address the requirements described in Commission Decision 2010/267/EU and ECC Decision (09)03. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: ETSI EN 301 908-13 V13.3.1

35 INFOTEHNOLOOGIA

CEN ISO/TS 7127:2024

Light and lighting - Building information modelling properties for lighting - Lighting systems (ISO/TS 7127:2023)

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

Keel: en
Alusdokumendid: ISO/TS 7127:2023; CEN ISO/TS 7127:2024
Asendab dokumenti: CEN/TS 17623:2021

CEN/CLC ISO/IEC/TS 23532-1:2024

Information security, cybersecurity and privacy protection - Requirements for the competence of IT security testing and evaluation laboratories - Part 1: Evaluation for ISO/IEC 15408 (ISO/IEC/TS 23532-1:2021)

his document complements and supplements the procedures and general requirements found in ISO/IEC 17025:2017 for laboratories performing evaluations based on the ISO/IEC 15408 series and ISO/IEC 18045.

Keel: en
Alusdokumendid: ISO/IEC TS 23532-1:2021; CEN/CLC ISO/IEC/TS 23532-1:2024

CEN/CLC ISO/IEC/TS 23532-2:2024

Information security, cybersecurity and privacy protection - Requirements for the competence of IT security testing and evaluation laboratories - Part 2: Testing for ISO/IEC 19790 (ISO/IEC/TS 23532-2:2021)

This document complements and supplements the procedures and general requirements found in ISO/IEC 17025:2017 for laboratories performing testing based on ISO/IEC 19790 and ISO/IEC 24759.

Keel: en
Alusdokumendid: ISO/IEC TS 23532-2:2021; CEN/CLC ISO/IEC/TS 23532-2:2024

CEN/TS 18078:2024

Electronic fee collection - Measurement of interferences on tolling and tachograph devices from radio local area network devices operating in the 5,8 GHz frequency range - Test suite structure and test purposes

This document specifies the set-up of a testing system and the test suite structure and test purposes, i.e. tests to be used to assess the level of interference from RLAN devices operating in the 5,8 GHz range on tolling and tachograph devices operating in the same frequency range. To obtain generalized results that can subsequently be used to design appropriate mitigation techniques, the test environment and the test cases are designed to: 1. acquire a large number of transactions on devices of different makes and characteristics; 2. ensure anonymity of results. The test results ensure calculation of averages as well as standard deviations. The tests specified in this document are for the sole purpose of investigating RLAN interference over DSRC communications. Other factors that can impact the performance of DSRC and also the level of interference in a test scenario are not subject to test specifications and out of the scope of this document.

Keel: en
Alusdokumendid: CEN/TS 18078:2024

CLC/TS 50600-4-31:2024

Information technology - Data centre facilities and infrastructures - Part 4-31: Key performance indicators for Resilience

This document a) defines metrics as key performance indicators (KPIs) for resilience, dependability, fault tolerance and availability tolerance for data centres; b) covers the data centre infrastructure (DCI) of power distribution and supply, and environmental control; c) can be referred to for covering further infrastructures, e.g. telecommunications cabling; d) defines the measurement and calculation of the metrics and resilience levels (RLs); e) targets maintainability, recoverability and vulnerability; f) provides examples for calculating these KPIs for the purpose of analytical comparison of different DCIs. This document does not apply to IT equipment, cloud services, software or business applications.

Keel: en
Alusdokumendid: CLC/TS 50600-4-31:2024

EVS-EN 9300-001:2024

Aerospace series - LOTAR - Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 001: Structure

This document defines the structure and content for the long-term preservation of digital product and technical data. EN 9300 is broken into a series of separate standard parts to make the standard applicable for different business requirements and extensible for further long-term archiving formats. The following outlines the total scope of this document: - for the purpose of this document, structure, and content of EN 9300 standard parts are detailed.

Keel: en
Alusdokumendid: EN 9300-001:2024

45 RAUDTEETEHNIKA

EVS-EN 15624:2021+A1:2024

Raudteealased rakendused. Pidurdamine. Pidurdusrežiimi lülitid “koormata-koormaga”
Railway applications - Braking - Empty-loaded changeover devices

This document is applicable to empty-loaded changeover devices. The purpose of such devices is the generation of a load-related signal which causes the brake performance to be adjusted to the current vehicle mass. The manually operated empty-loaded changeover devices change their output signal according to the position of the handles which together with the associated changeover plates serve as interfaces. The changeover plates read the required information for the operation of the empty-loaded changeover devices, i.e. brake weights for each position and the relevant changeover mass of the vehicle. Automatic empty-loaded changeover devices sense a certain load threshold of the vehicle to automatically adjust the output signal when the mass of a vehicle reaches a defined value. This threshold is the changeover mass. Below this mass the vehicle’s brake system provides a reduced brake force. For the changeover mass or more the high brake force applies. This document specifies the requirements for the design, testing and quality assurance of empty-loaded changeover devices.

Keel: en
Alusdokumendid: EN 15624:2021+A1:2024
Asendab dokumenti: EVS-EN 15624:2021

EVS-EN 16186-6:2024

Railway applications - Driver's cab - Part 6: Integration of displays, controls and indicators for tram vehicles

This document is applicable to vehicles operating on tram networks. This document gives design requirements and guidance in order to ensure visibility and operability of displays, controls and indicators in the cab in all operating conditions (day, night, natural or artificial lighting). It covers four aspects: - the characteristics of the displays, controls and indicators in order to ensure proper visibility: i.e. range of luminance and contrast as well as the possibility of adjustment of perceived brightness; - the requirements for the location of the displays, keyboards, controls and indicators in the cab and on the driver’s desk: i.e. position, angle of visibility, etc. with consideration of the normal driving position and the working environment (windscreen, natural or artificial lighting in the cab, unwanted glare and reflections, etc.); - the characteristics and requirements for the location of microphones and loudspeakers; - design of symbols. NOTE All element numbers within the text refer to Table B.1. This document does not apply to refurbishment of existing vehicles. This document is not intended to be applicable to driver's auxiliary desk, except for 5.3.13, Clause 6, 7.1.2, Clause 9 and Table B.1.

Keel: en
Alusdokumendid: EN 16186-6:2024

47 LAEVAEHITUS JA MERE-EHITISED

CEN/TR 18104:2024

Space - SBAS receivers performances for maritime applications - MARESS Test report

The objective of this document is to present the results of the tests defined in the IEC 61108-7 draft [1] performed with a maritime receiver updated based on the SBAS maritime guidelines [2] and other GNSS SBAS receivers. The list of test scenarios prepared, the receiver analysed, the configuration used and procedures are included in Clause 4. In Clause 5, graphical and numerical results for each of the test performed are presented, including if the tests are passed or failed. Annex A provides additional information on the test case setup.

Keel: en
Alusdokumendid: CEN/TR 18104:2024

EVS-EN ISO 11812:2024

Väikelaevad. Veekindlad või kiire äravooluga süvendid ja kokpitid
Small craft - Watertight or quick-draining recesses and cockpits (ISO 11812:2020)

This document specifies watertightness, draining time and sill heights requirements for watertight and quick-draining recesses and cockpits in small craft of up to 24 m load line length (see Reference [1]). Recesses located in elevated parts of the craft are covered by this document. This document does not specify requirements for the size, the shape and the location of recesses or cockpits. It only considers draining by gravity, and not by pumping or other methods. It only considers normal operation of the craft, but unattended craft recess issues are out of scope. This document does not guarantee that the water contained in a watertight or quick-draining recess or cockpit will not affect the stability and buoyancy of the craft, which are covered by ISO 12217-1, ISO 12217-2 and ISO 12217-3.

Keel: en
Alusdokumendid: ISO 11812:2020; EN ISO 11812:2024
Asendab dokumenti: EVS-EN ISO 11812:2018

EVS-EN ISO 11812:2024/A1:2024

Väikelaevad. Veekindlad või kiire äravooluga süvendid ja kokpitid
Small craft - Watertight or quick-draining recesses and cockpits - Amendment 1 (ISO 11812:2020/Amd 1:2024)

Amendment to EN ISO 11812:2024

Keel: en
Alusdokumendid: ISO 11812:2020/Amd 1:2024; EN ISO 11812:2024/A1:2024
Muudab dokumenti: EVS-EN ISO 11812:2024

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2350:2024

Aerospace series - Circuit breakers - Technical specification

This document gives design information and specifies test methods for aircraft circuit breakers covered by European Standards. It is applicable if it is referred to in these standards.

Keel: en
Alusdokumendid: EN 2350:2024
Asendab dokumenti: EVS-EN 2350:2000

EVS-EN 2591-100:2024

Aerospace series - Elements of electrical and optical connection - Test methods - Part 100: General

This document specifies the general requirements for the methods of testing elements of electrical, optical and data transmission system connections used in aerospace applications.

Keel: en
Alusdokumendid: EN 2591-100:2024
Asendab dokumenti: EVS-EN 2591-100:2018

EVS-EN 3841-100:2024

Aerospace series - Circuit breakers - Test methods - Part 100: General

This document specifies the general conditions for test methods applicable to circuit breakers for aerospace applications.

Keel: en
Alusdokumendid: EN 3841-100:2024
Asendab dokumenti: EVS-EN 3841-100:2005

EVS-EN 4641-401:2024

Aerospace series - Cables, optical 125 µm diameter cladding - Part 401: Tight structure bend insensitive 50 µm/125 µm GI fibre nominal, 1,8 mm outside diameter - Product standard

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

Keel: en
Alusdokumendid: EN 4641-401:2024

EVS-EN 9300-001:2024

Aerospace series - LOTAR - Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 001: Structure

This document defines the structure and content for the long-term preservation of digital product and technical data. EN 9300 is broken into a series of separate standard parts to make the standard applicable for different business requirements and extensible for further long-term archiving formats. The following outlines the total scope of this document: - for the purpose of this document, structure, and content of EN 9300 standard parts are detailed.

Keel: en
Alusdokumendid: EN 9300-001:2024

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 14105:2024

Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of free and total glycerol and mono-, di-, triglyceride contents

This document specifies a method to determine the free glycerol and residual mono-, di- and triglyceride contents in fatty acid methyl esters (FAME). The total glycerol content is then calculated from the obtained results. Under the conditions described, the quantification limits are 0,001 % (m/m) for free glycerol, 0,10 % (m/m) for all glycerides (mono-, di- and tri-). This method is suitable for FAME prepared from rapeseed, sunflower, soybean, palm, animal oils and fats and mixture of them. It is not suitable for FAME produced from or containing coconut and palm kernel oils derivatives because of overlapping of different glyceride peaks. NOTE 1 For the purposes of this document, the term "% (m/m)" is used to represent the mass fraction. NOTE 2 Under the common EN 14105 GC conditions, squalene can coelute with alpha glycerol monostearate. If the presence of squalene is suspected, EN 17057 can be used to discriminate between squalene and glycerol monostearate. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

Keel: en
Alusdokumendid: EN 14105:2024
Asendab dokumenti: EVS-EN 14105:2020

EVS-EN ISO 712-1:2024

Cereals and cereal products - Determination of moisture content - Part 1: Reference method (ISO 712-1:2024)

This document specifies a routine reference method for the determination of the moisture content of cereals and cereal products. This document applies to: wheat, rice (paddy, husked and milled), barley, millet (Panicum miliaceum), rye, oats, triticale, sorghum in the form of grains, milled grains, semolina or flour. The method is not applicable to maize and pulses. NOTE For moisture content determination in maize, see ISO 6540[5]; and for pulses, see ISO 24557[7].

Keel: en
Alusdokumendid: ISO 712-1:2024; EN ISO 712-1:2024
Asendab dokumenti: EVS-EN ISO 712:2010

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 17928-1:2024

Gas infrastructure - Injection stations - Part 1: General requirements

This document establishes the functional requirements for stations for the injection of biomethane, substitute natural gas (SNG) and hydrogen into gas transmission and distribution systems operated with gases (natural gas, biomethane, SNG, hydrogen, gas mixtures) in accordance with European technical rules that ensure the interoperability of systems. Figure 1 describes the general approach including all the relevant functions that can be installed in different configurations. The injection of Hydrogen is covered separately in EN 17928-3:2024. This document also applies to refeeding stations that feed such gases back into upstream gas supply networks; see Figure 2. This document represents the state of the art at the time of its preparation. This document does not apply to injection stations operating prior to the publication of this document. This document specifies common basic principles for gas infrastructure. Users of this document are expected to be aware that more detailed national standards and/or codes of practice can exist in the CEN member countries. This document is intended to be applied in association with these national standards and/or codes of practice setting out the above-mentioned basic principles. In the event of terms of additional requirements in national legislation/regulation than in this document, CEN/TR 13737 (all parts) illustrates these terms. CEN/TR 13737 (all parts) gives: — legislation/regulations applicable in a member state; — if appropriate, more restrictive national requirements; — a national contact point for the latest information.

Keel: en
Alusdokumendid: EN 17928-1:2024

EVS-EN 17928-2:2024

Gas infrastructure - Injection stations - Part 2: Specific requirements regarding the injection of biomethane

This document establishes specific functional requirements for injection stations for biomethane into gas transmission and distribution systems operated with gases of the second gas family in accordance with EN 437 in addition to the general functional requirements of EN 17928 1:2024. This document represents the recommendations at the time of its preparation. This document does not apply to injection stations operating prior to the publication of this document. This document complements EN 17928 1:2024 by specifying the technical safety requirements to be observed in respect of the chemical and physical properties of biomethane. This document specifies common basic principles for gas infrastructure. Users of this document are expected to be aware that more detailed national standards and/or codes of practice can exist in the CEN member countries. This document is intended to be applied in association with these national standards and/or codes of practice setting out the above-mentioned basic principles. In the event of terms of additional requirements in national legislation/regulation than in this document, CEN/TR 13737 (all parts) illustrates these terms. CEN/TR 13737 (all parts) gives: — legislation/regulations applicable in a member state; — if appropriate, more restrictive national requirements; — a national contact point for the latest information.

Keel: en
Alusdokumendid: EN 17928-2:2024

EVS-EN 17928-3:2024

Gas infrastructure - Injection stations - Part 3: Specific requirements regarding the injection of hydrogen

This document establishes specific functional requirements of stations for the injection of hydrogen into transmission and distribution systems for fuel gases (natural gas, biomethane, SNG, hydrogen, fuel gas mixtures, etc.; see Figure 1) in accordance with European technical rules that ensure the interoperability of systems in addition to the general functional requirements of EN 17928 1:2024. This document complements EN 17928 1:2024 by specifying the technical safety requirements to be observed with respect to the chemical and physical properties of hydrogen. It furthermore complements the requirements on pipelines specified in EN 12007 3 and EN 1594 by describing the specific requirements with respect to hydrogen. Additionally, it explains how to handle hydrogen measurements during the course of injection. Dedicated requirements for the technical equipment of the gas transmission and distribution network for mixing hydrogen as an additive gas into the gas flow after the injection station are not covered by this document. However, requirements for the resulting gas mixture and the related coordination and interfaces between station and network operation are specified in this document. This document represents the recommendations at the time of its preparation. This document does not apply to injection stations operating prior to the publication of this document. This document specifies common basic principles for gas infrastructure. Users of this document are expected to be aware that more detailed national standards and/or codes of practice can exist in the CEN member countries. This document is intended to be applied in association with these national standards and/or codes of practice setting out the above-mentioned basic principles. In the event of terms of additional requirements in national legislation/regulation than in this document, CEN/TR 13737 (all parts) illustrates these terms. CEN/TR 13737 (all parts) gives: — legislation/regulations applicable in a member state; — if appropriate, more restrictive national requirements; — a national contact point for the latest information.

Keel: en
Alusdokumendid: EN 17928-3:2024

EVS-EN ISO 10426-5:2024

Oil and gas industries including lower carbon energy - Cements and materials for well cementing - Part 5: Determination of shrinkage and expansion of well cement formulations (ISO 10426-5:2024)

This document provides the methods for the testing of well cement formulations to determine the dimension changes during the curing process (cement hydration) at atmospheric and elevated pressure and the stress generated by expansion in a confined environment under elevated temperature and pressure.

Keel: en
Alusdokumendid: ISO 10426-5:2024; EN ISO 10426-5:2024
Asendab dokumenti: EVS-EN ISO 10426-5:2005

EVS-EN ISO 23936-4:2024

Oil and gas industries including lower carbon energy - Nonmetallic materials in contact with media related to oil and gas production Part 4: Fiber-reinforced composite materials (ISO 23936-4:2024)

This document provides general principles, requirements and recommendations for the assessment of stability of fibre-reinforced composite materials for service in equipment used in oil and gas production environments. This document describes the procedures for comparative testing of composite materials consisting of polymers (thermoplastics and thermosets) and re-enforcing materials e.g. glass, carbon, aramid and metals as continuous fibres or woven fabric used in equipment for oil and gas production. Testing and characterization of neat resins and fibre products are beyond the scope of this document. The equipment considered includes, but is not limited to, non-metallic pipelines, piping, liners and downhole tool components. Blistering by rapid gas decompression, coatings and compounded particulate- and short fibre-reinforced composites are excluded from the scope of this document.

Keel: en
Alusdokumendid: ISO 23936-4:2024; EN ISO 23936-4:2024

77 METALLURGIA

EVS-EN ISO 9658:2024

Steel - Determination of aluminium content - Flame atomic absorption spectrometric method (ISO 9658:2024)

This document specifies a flame atomic absorption spectrometric method for the determination of acid-soluble and/or total aluminium in non-alloyed steel. The method is applicable to aluminium contents between 0,005 % (mass fraction) and 0,20 % (mass fraction).

Keel: en
Alusdokumendid: ISO 9658:2024; EN ISO 9658:2024
Asendab dokumenti: EVS-EN 29658:2003

79 PUIDUTEHNOLOOGIA

EVS-EN ISO 19085-11:2024

Puidutöötlusmasinad. Ohutus. Osa 11: Kombineeritud masinad
Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2024)

This document specifies the safety requirements and measures for combined woodworking machines (defined in 3.1), capable of continuous production use, with manual loading and unloading of the workpiece and hereinafter referred to also as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2). This document deals with all significant hazards, hazardous situations and events, listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer; reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document applies to machines also equipped with the devices or additional working units listed in the Scopes of ISO 19085-5:2024, ISO 19085-6:2024, ISO 19085-7:2024 and ISO 19085-9:2024. This document does not apply to: a) machines incorporating a planing unit and a mortising device only; NOTE Machines incorporating a planing unit and a mortising device only are dealt with in ISO 19085-7:2024. b) combined machines incorporating a band saw unit; c) machines with a mortising unit with a separate drive other than the planing unit drive; d) machines intended for use in potentially explosive atmosphere; e) machines manufactured before the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-11:2024; EN ISO 19085-11:2024
Asendab dokumenti: EVS-EN ISO 19085-11:2020

EVS-EN ISO 19085-4:2024

Puidutöötlusmasinad. Ohutus. Osa 4: Vertikaalsed ketassaagpingid
Woodworking machines - Safety - Part 4: Vertical panel circular sawing machines (ISO 19085-4:2024)

This document specifies the safety requirements and measures for manually loaded and unloaded vertical panel circular sawing machines (defined in 3.1) capable of continuous production use, with hand feed or integrated feed, hereinafter referred to also as “machines”. This document deals with all significant hazards, hazardous situations and events, as listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases are also taken into account. This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: — an integrated feed device; — a device for scoring; — an angle cutting device; — a middle support device; — programmable end stops for parallel vertical cuts; — a device for grooving with a milling tool with a cutting width not exceeding 27 mm; — a panel pusher; — a panel lowering device; — stop devices for workpiece during horizontal cuts. The machines are designed for cutting panels consisting of: a) solid wood; b) material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2); c) composite materials with core consisting, for example, of polyurethane or mineral material laminated with light alloy; d) polymer-matrix composite materials and reinforced thermoplastic/thermoset/elastomeric materials; e) gypsum boards, gypsum bounded fibreboards; f) honeycomb aluminium boards; g) matrix engineered mineral boards, silicate boards; h) aluminium light alloy plates; i) composite boards made from the materials listed above. This document does not apply to machines — with pressure beam and saw unit mounted behind the workpiece support, — where the guide rails on which the saw unit moves vertically are fixed on the machine frame and the horizontal cut can only be made by manually feeding the panel, — designed to cut in vertical direction only, — automatically performing two or more cutting cycles in sequence, — intended for use in potentially explosive atmosphere, and — manufactured prior to the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-4:2024; EN ISO 19085-4:2024
Asendab dokumenti: EVS-EN ISO 19085-4:2018

EVS-EN ISO 19085-5:2024

Puidutöötlusmasinad. Ohutus. Osa 5: Formaatsaagpingid
Woodworking machines - Safety - Part 5: Dimension saws (ISO 19085-5:2024)

This document specifies the safety requirements and measures for dimension saws (defined in 3.1), capable of continuous production use and hereinafter referred to also as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood. This document deals with all significant hazards, hazardous situations and events, listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer; reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: a) device to raise and lower the main saw blade and scoring saw blade; b) device to tilt the main saw blade and scoring saw blade for angled cutting in one or both directions; c) device for scoring; d) device for grooving with milling tool with a width not exceeding 20 mm; e) demountable power feed unit; f) power-operated sliding table; g) workpiece clamping. This document is not applicable to machines intended for use in potentially explosive atmospheres or to machines manufactured prior to the date of its publication.

Keel: en
Alusdokumendid: ISO 19085-5:2024; EN ISO 19085-5:2024
Asendab dokumenti: EVS-EN ISO 19085-5:2017

EVS-EN ISO 19085-7:2024

Puidutöötlusmasinad. Ohutus. Osa 7: Rihthöövelpingid, paksushöövelpingid, ühendatud riht-paksushöövelpingid
Woodworking machines - Safety - Part 7: Surface planing, thickness planing and combined surface/thickness planing machines (ISO 19085-7:2024)

This document specifies the safety requirements and measures for — surface planing machines, also called jointers, — thickness planing machines, also called planers or single surface planers, and — combined surface/thickness planing machines with fixed cutter block position, with an integrated feed in thickness planing mode, with or without demountable power feed device in planing mode, with manual loading and/or unloading of the workpiece, and capable of continuous production use, altogether referred to as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2). This document deals with all significant hazards, hazardous situations and events as listed in Annex A relevant to the machines when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer. Reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document is also applicable to surface planing machines and combined surface/thickness planing machines fitted with an optional mortising device, whose hazards have been dealt with. This document does not apply to: a) machines with more than one cutter block; b) machines with a mortising unit driven by a separate motor; c) machines where the cutter block is adjustable for depth of cut setting in thickness planing mode; d) machines where the conversion from planing to thickness planing mode or vice versa is achieved by mounting or demounting parts/units; e) machines where surface planing and thickness planing can be performed at the same time; f) machines intended for use in potentially explosive atmosphere; g) machines manufactured prior to the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-7:2024; EN ISO 19085-7:2024
Asendab dokumenti: EVS-EN ISO 19085-7:2019

EVS-EN ISO 19085-8:2024

Puidutöötlusmasinad. Ohutus. Osa 8: Lailintlihvpingid ja pinnatöötluspingid
Woodworking machines - Safety - Part 8: Wide belt sanding machines and surface treating machines (ISO 19085-8:2024)

This document specifies the safety requirements and measures for wide belt sanding machines (defined in 3.1) and for surface treating machines (defined in 3.2) capable of continuous production use, altogether referred to as “machines”. This document deals with all significant hazards, hazardous situations and events, as listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases are also taken into account. This document is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: — transversal sanding unit; — cleaning brushing unit; — satining roller unit; — disk brushing unit; — texturing brushing roller unit; — texturing brushing belt unit; — cutterblock unit; — texturing band saw unit; — spiked roller unit; — multi blade unit; — conveyor directly controlled by the machine; — additional workpiece vacuum clamping device; — antistatic bar unit. NOTE 1 An antistatic bar is a device that eliminates electrostatic charges on the workpiece to ease its subsequent cleaning from dust by airflow. This document is also applicable to machines fitted with a laser engraving unit, but the specific hazards of this unit have not been dealt with. The machines are designed to process workpieces with flat surface and even thickness, in shape of panels or beams or frames, consisting of: a) solid wood; b) material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2); c) gypsum boards, gypsum bounded fibreboards; d) composite materials with core consisting of, e.g. polyurethane or mineral material; e) composite boards made from the materials listed above; f) all materials listed above, already lacquered. This document does not deal with hazards related to: — specific devices other than those listed above; — access through in-feed and out-feed openings of machines with a work piece height capacity greater than 700 mm; — systems for powered loading or unloading, or both, of the workpiece to or from a single machine; NOTE 2 Loading the machine manually includes manually placing the workpiece onto a conveyor directly controlled by the machine. Unloading the machine manually includes manually removing the workpiece from a conveyor directly controlled by the machine. — out-feed workpieces on machines with feed speed higher than 60 m/min; — interfacing of the machine with any other machine. This document is not applicable to machines intended for use in a potentially explosive atmosphere and to machines manufactured prior to the date of its publication.

Keel: en
Alusdokumendid: ISO 19085-8:2024; EN ISO 19085-8:2024
Asendab dokumenti: EVS-EN ISO 19085-8:2018

EVS-EN ISO 19085-9:2024

Puidutöötlusmasinad. Ohutus. Osa 9: Ketassaagpingid (liikuva töölauaga ja ilma)
Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2024)

This document specifies the safety requirements and measures for circular saw benches with or without sliding table or demountable power feed unit or both and capable of continuous production use, also known as “table saws” (in the USA), hereinafter referred to also as “machines”. The machines are designed to cut solid wood and material with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2). This document deals with all significant hazards, hazardous situations and events as listed in Annex A relevant to the machines when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer; reasonably foreseeable misuse has been considered too. Transport, assembly, dismantling, disabling and scrapping phases have also been taken into account. This document is also applicable to machines fitted with one or more of the following devices or working units, whose hazards have been dealt with: — device for the main saw blade and scoring saw blade to be raised and lowered through the table; — device to tilt the main saw blade and scoring saw blade for angled cutting; — device for scoring; — device for grooving with milling tool with a width not exceeding 20 mm

in one pass; — demountable power feed unit; — additional manually operated sliding table; — powered workpiece clamping device. This document does not apply to: a) machines intended for outdoor use on building sites; NOTE Building site saws (contractor saws) are covered by the requirements of ISO 19085-10:2018. b) handheld woodworking machines including any adaptation permitting their use in a different mode, i.e. bench mounting; c) machines intended for use in a potentially explosive atmosphere; d) machines manufactured prior to the publication of this document.

Keel: en
Alusdokumendid: ISO 19085-9:2024; EN ISO 19085-9:2024
Asendab dokumenti: EVS-EN ISO 19085-9:2020

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 21971:2024

Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure - Determination of hoop tensile properties of tubes (ISO 21971:2019)

This document specifies the conditions for the determination of hoop tensile properties of ceramic matrix composite (CMC) tubes with continuous fibre-reinforcement at ambient temperature in air atmospheric pressure. This document is specific to the tubular geometries since fibre architecture and specimen geometry factors in composite tubes are distinctly different from those in flat specimens. This document provides information on the hoop tensile properties and stress-strain response, such as hoop tensile strength, hoop tensile strain at failure and elastic constants. The information can be used for material development, control of manufacturing (quality insurance), material comparison, characterization, reliability and design data generation for tubular components. This document addresses, but is not restricted to, various suggested test piece fabrication methods. It applies primarily to ceramic and/or glass matrix composite tubes with a continuous fibrous- reinforcement: unidirectional (1D filament winding and tape lay-up), bi-directional (2D braid and weave) and tri-directional (xD, with $2 < x < 3$), subjected to an internal pressure. Values expressed in this document are in accordance with the International System of Units (SI).

Keel: en
Alusdokumendid: ISO 21971:2019; EN ISO 21971:2024

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 21012:2024

Krüogeenanumad. Voolikud
Cryogenic vessels - Hoses (ISO 21012:2024)

This document specifies design, construction, type and production testing, and marking requirements for both non-insulated cryogenic flexible hoses and insulated vacuum jacketed hoses used for the transfer of cryogenic fluids within the following range of operating conditions: — working temperature range: from −270 °C to +65 °C; — nominal size (DN): from 10 to 100. End fittings for mounting of any couplings are within the scope of this document, but the couplings are subject to other standards.

Keel: en
Alusdokumendid: ISO 21012:2024; EN ISO 21012:2024
Asendab dokumenti: EVS-EN ISO 21012:2018

EVS-EN ISO 9773:2024

Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source (ISO 9773:2024)

This document specifies a small-scale laboratory screening procedure for comparing the relative burning behaviour of vertically oriented thin and relatively flexible plastics specimens exposed to a low-energy-level flame ignition source. NOTE These specimens cannot be tested using method B of IEC 60695-11-10:2013 since they distort or shrink away from the applied flame source without igniting. This test method determines the afterflame and afterglow times of specimens. The classification system described in Annex A is intended for quality control and the preselection of component materials for products. The classification established by this method of test is applicable only to the material used for the specimens. NOTE Test results are influenced by material components, e.g. pigments, fillers, concentrations of fire retardants.

Keel: en
Alusdokumendid: ISO 9773:2024; EN ISO 9773:2024
Asendab dokumenti: EVS-EN ISO 9773:1999
Asendab dokumenti: EVS-EN ISO 9773:1999/A1:2004

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

CEN/TS 927-15:2024

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 15: Assessment of bleeding of coloured wood extractives through a coating by means of a water immersion test

This document specifies a test method using water immersion test for assessing the bleeding of coloured wood extractives through a coating. Leachates of coated and uncoated wood are collected after the immersion procedure and their colour is compared. The colour of the coated wood before and after immersion tests is also compared. This document does not specify acceptance values for colour differences that can be tolerated and it is not applicable to staining caused by knots for which there is a different test

method (see EN 927 7). NOTE The method has been developed for oak and chestnut wood and might be applicable for other wood substrates containing water soluble extractives.

Keel: en
Alusdokumendid: CEN/TS 927-15:2024

91 EHITUSMATERJALID JA EHITUS

EVS 941-1:2024

Ehitustööde üldised kvaliteedinõuded. Osa 1: Kütte- ja jahutussüsteemid
General quality requirements for construction works. Part 1: Heating and cooling systems.

Selles Eesti standardis määratakse üldised tehnilised ja kvaliteedinõuded Eesti Vabariigis ehitatavatele ja rekonstrueeritavatele kütte- ja jahutussüsteemidele. Standardis kehtestatud nõudeid järgitakse nii projekteerimisel, ehitamisel kui ka süsteemide vastu võtmisel.

Keel: et

EVS-EN 17388-1:2024

Flexible sheets for waterproofing - Environmental product declarations - Product category rules for reinforced bitumen, plastic and rubber flexible sheets for roof waterproofing - Part 1: Cradle to grave and module D

This document provides product category rules (PCR) for the assessment of the environmental performance of reinforced bitumen, plastic and rubber flexible sheets for which the intended use is roof waterproofing. NOTE The reference product standards are EN 13707 and EN 13956. This document is intended to be used for the development and issue of a cradle to grave and module D EPD using: - either generic data and system generic data; or - specific data and system specific data. This document includes requirements and rules to: - define the indicators to be declared and the way in which they are collected and reported; - describe which stages of a product's life cycle are considered in the EPD and which processes are to be included in the life cycle stages; - include the rules for calculating the life cycle inventory (LCI) and the life cycle impact assessment (LCIA) underlying an EPD, including the specification of the quality of the applied data; - define generic data and system generic data which are to be used for an EPD.

Keel: en
Alusdokumendid: EN 17388-1:2024

EVS-EN 17388-2:2024

Flexible sheets for waterproofing - Environmental product declarations - Product category rules for reinforced bitumen, plastic and rubber flexible sheets for roof waterproofing - Part 2: Cradle to gate with options, modules C1-C4 and module D

This document provides product category rules (PCR) for the assessment of the environmental performance of reinforced bitumen, plastic and rubber flexible sheets for which the intended use is roof waterproofing. NOTE The reference product standards are EN 13707 and EN 13956. This document is intended to be used for the development and issue of a cradle to gate with options, modules C1-C4 and module D EPD using specific data. This document includes requirements and rules to: - define the indicators to be declared and the way in which they are collected and reported; - describe which stages of a product's life cycle are considered in the EPD and which processes are to be included in the life cycle stages; - include the rules for calculating the life cycle inventory (LCI) and the life cycle impact assessment (LCIA) underlying an EPD, including the specification of the quality of the applied data.

Keel: en
Alusdokumendid: EN 17388-2:2024

EVS-EN 817:2024

Sanitary tapware - Mechanical mixing valves (PN 10) - General technical specifications

This document specifies: a) the field of application for mechanical mixing valves for use in a supply system of Type 1 (see Figure 1); b) the dimensional, leaktightness, pressure resistance, hydraulic performance, mechanical strength, endurance, corrosion resistance of the surface of the product, sequence of testing and acoustic characteristics with which sanitary tapware products including their components (flexible hose, pull out spray) need to comply where applicable; c) test methods to verify the characteristics. The tests described in this document are type tests (laboratory tests) and not quality control or factory production control (FPC) tests carried out during manufacture. This document applies to draw-off taps (mechanical mixing valves) for use with sanitary appliances installed in rooms used for personal hygiene (cloakrooms, bathrooms, etc.) and for food preparation (kitchens), i.e. for use with baths, wash basins, bidets, showers and sinks. The conditions of use and classifications are given in Table 1. [Table 1] Figure 1 shows a supply system of Type 1 with a pressure range of (0,05 to 1,0) MPa [(0,5 to 10) bar]. [Figure 1] Final materials included in the product are not covered by this document.

Keel: en
Alusdokumendid: EN 817:2024
Asendab dokumenti: EVS-EN 817:2008

EVS-EN ISO 10426-5:2024

Oil and gas industries including lower carbon energy - Cements and materials for well cementing - Part 5: Determination of shrinkage and expansion of well cement formulations (ISO 10426-5:2024)

This document provides the methods for the testing of well cement formulations to determine the dimension changes during the curing process (cement hydration) at atmospheric and elevated pressure and the stress generated by expansion in a confined environment under elevated temperature and pressure.

Keel: en
Alusdokumendid: ISO 10426-5:2024; EN ISO 10426-5:2024
Asendab dokumenti: EVS-EN ISO 10426-5:2005

97 OLME. MEELELAHUTUS. SPORT

EVS-EN IEC 60335-2-29:2021/A11:2024

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-29: Erinõuded akulaaduritele
Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers

Standardi EN 60335-2-29:2021 muudatus

Keel: en
Alusdokumendid: EN IEC 60335-2-29:2021/A11:2024
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021+A1:2021

EVS-EN IEC 60335-2-29:2021+A1+A11:2024

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-29: Erinõuded akulaaduritele
Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers (IEC 60335-2-29:2016, modified + IEC 60335-2-29:2016/A1:2019)

This clause of Part 1 is replaced by the following. This part of IEC 60335 deals with the safety of electric battery chargers for household and similar use having an output not exceeding 250 V ripple-free direct current, their rated voltage being not more than 250 V. Battery chargers intended for charging batteries in a household end use application outside the scope of the IEC 60335 series of standards are within the scope of this standard. Requirements for battery chargers for use by children at least 8 years old without supervision are given in Annex AA. Battery chargers not intended for normal household use, but which nevertheless may be a source of danger to the public, such as battery chargers intended for use in garages, shops, light industry and on farms, are within the scope of this standard. This document deals with the reasonably foreseeable hazards presented by appliances and machines that are encountered by all persons. However, in general, it does not take into account: • children playing with the appliance; • the use of the appliance by very young children; • the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this standard. NOTE 101 Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities. NOTE 102 This standard does not apply to – built-in battery chargers, except those for installing in caravans and similar vehicles; – battery chargers that are part of an appliance, the battery of which is not accessible to the user; – battery chargers intended exclusively for industrial purposes; – battery chargers intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – battery chargers for emergency lighting (IEC 60598-2-22); – supply units for electronic equipment.

Keel: en
Alusdokumendid: IEC 60335-2-29:2016; EN IEC 60335-2-29:2021; IEC 60335-2-29:2016/A1:2019; EN IEC 60335-2-29:2021/A1:2021; EN IEC 60335-2-29:2021/A11:2024
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021/A1:2021
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021/A11:2024
Konsolideerib dokumenti: EVS-EN IEC 60335-2-29:2021+A1:2021

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CEN ISO/TS 80004-13:2020
Nanotechnologies - Vocabulary - Part 13: Graphene and related two-dimensional (2D) materials (ISO/TS 80004-13:2017)

Keel: en
Alusdokumendid: ISO/TS 80004-13:2017; CEN ISO/TS 80004-13:2020
Asendatud järgmise dokumendiga: CEN ISO/TS 80004-13:2024
Standardi staatus: Kehtetu

EVS-EN 13237:2012
Plahvatusohtlikud keskkonnad. Terminid ja määratlused plahvatusohtlikes keskkondades kasutamiseks ette nähtud seadmete ja kaitsesüsteemide kohta
Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

Keel: en, et
Alusdokumendid: EN 13237:2012
Asendatud järgmise dokumendiga: EVS-EN 13237:2024
Standardi staatus: Kehtetu

EVS-ISO 7001:2011
Graafilised tingmärgid. Avalikkust teavitavad piltkirjad
Graphical symbols - Public information symbols

Keel: en
Alusdokumendid: ISO 7001:2007
Asendatud järgmise dokumendiga: EVS-ISO 7001:2024
Muudetud järgmise dokumendiga: EVS-ISO 7001:2011/A1:2014
Muudetud järgmise dokumendiga: EVS-ISO 7001:2011/A2:2016
Muudetud järgmise dokumendiga: EVS-ISO 7001:2011/A3:2016
Muudetud järgmise dokumendiga: EVS-ISO 7001:2011/A4:2017
Standardi staatus: Kehtetu

EVS-ISO 7001:2011/A1:2014
Graafilised tingmärgid. Avalikkust teavitavad piltkirjad
Graphical symbols — Public information symbols (ISO 7001:2007/Amd.1:2013+Cor.1:2014)

Keel: en
Alusdokumendid: ISO 7001:2007/Amd 1:2013; ISO 7001:2007/Amd 1:2013/Cor 1:2014
Asendatud järgmise dokumendiga: EVS-ISO 7001:2024
Standardi staatus: Kehtetu

EVS-ISO 7001:2011/A2:2016
Graafilised tingmärgid. Avalikkust teavitavad piltkirjad
Graphical symbols - Public information symbols (ISO 7001:2007/Amd 2:2015)

Keel: en
Alusdokumendid: ISO 7001:2007/Amd 2:2015
Asendatud järgmise dokumendiga: EVS-ISO 7001:2024
Standardi staatus: Kehtetu

EVS-ISO 7001:2011/A3:2016
Graafilised tingmärgid. Avalikkust teavitavad piltkirjad
Graphical symbols - Public information symbols (ISO 7001:2007/Amd 3:2016)

Keel: en
Alusdokumendid: ISO 7001:2007/Amd 3:2016
Asendatud järgmise dokumendiga: EVS-ISO 7001:2024
Standardi staatus: Kehtetu

EVS-ISO 7001:2011/A4:2017
Graafilised tingmärgid. Avalikkust teavitavad piltkirjad
Graphical symbols - Public information symbols (ISO 7001:2007/Amd 4:2017)

Keel: en

Alusdokumendid: ISO 7001:2007/Amd 4:2017
Asendatud järgmise dokumendiga: EVS-ISO 7001:2024
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 80004-13:2020

Nanotechnologies - Vocabulary - Part 13: Graphene and related two-dimensional (2D) materials (ISO/TS 80004-13:2017)

Keel: en
Alusdokumendid: ISO/TS 80004-13:2017; CEN ISO/TS 80004-13:2020
Asendatud järgmise dokumendiga: CEN ISO/TS 80004-13:2024
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 60601-2-33:2010

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

Keel: en
Alusdokumendid: IEC 60601-2-33:2010; EN 60601-2-33:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016
Muudetud järgmise dokumendiga: EVS-EN 60601-2-33:2010/A1:2015
Muudetud järgmise dokumendiga: EVS-EN 60601-2-33:2010/A11:2011
Muudetud järgmise dokumendiga: EVS-EN 60601-2-33:2010/A12:2016
Muudetud järgmise dokumendiga: EVS-EN 60601-2-33:2010/A2:2015
Parandatud järgmise dokumendiga: EVS-EN 60601-2-33:2010/AC:2010
Parandatud järgmise dokumendiga: EVS-EN 60601-2-33:2010/AC:2016
Standardi staatus: Kehtetu

EVS-EN 60601-2-33:2010/A1:2015

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

Keel: en
Alusdokumendid: EN 60601-2-33:2010/A1:2015; IEC 60601-2-33:2010/A1:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016
Standardi staatus: Kehtetu

EVS-EN 60601-2-33:2010/A11:2011

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

Keel: en
Alusdokumendid: EN 60601-2-33:2010/A11:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016
Standardi staatus: Kehtetu

EVS-EN 60601-2-33:2010/A12:2016

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

Keel: en
Alusdokumendid: EN 60601-2-33:2010/A12:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016
Standardi staatus: Kehtetu

EVS-EN 60601-2-33:2010/A2:2015

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

Keel: en
Alusdokumendid: EN 60601-2-33:2010/A2:2015; IEC 60601-2-33:2010/A2:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016
Standardi staatus: Kehtetu

EVS-EN 60601-2-33:2010/AC:2010

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

Keel: en
Alusdokumendid: EN 60601-2-33:2010/Corr:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016
Standardi staatus: Kehtetu

EVS-EN 60601-2-33:2010/AC:2016

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

Keel: en
Alusdokumendid: EN 60601-2-33:2010/AC:2016-03; IEC 60601-2-33:2010/COR2:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016
Standardi staatus: Kehtetu

EVS-EN 60601-2-33:2010+A11+A1+A2+A12:2016

Elektrilised meditsiiniseadmed. Osa 2-33: Erinõuded meditsiinilises diagnostikas kasutatava magnetresonants-seadmestiku esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (IEC 60601-2-33:2010+ IEC 60601-2-33:2010/A1:2013 + IEC 60601-2-33:2010/A2:2015)

Keel: en, et
Alusdokumendid: EN 60601-2-33:2010; IEC 60601-2-33:2010; EN 60601-2-33:2010/A1:2015; IEC 60601-2-33:2010/A1:2013; EN 60601-2-33:2010/A11:2011; EN 60601-2-33:2010/A12:2016; EN 60601-2-33:2010/A2:2015; IEC 60601-2-33:2010/A2:2015; EN 60601-2-33:2010/Corr:2010; EN 60601-2-33:2010/AC:2016-03; IEC 60601-2-33:2010/COR2:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-33:2024
Standardi staatus: Kehtetu

EVS-EN ISO 8536-13:2016

Meditsiinilised infusiooniseadmed. Osa 13: Mõõteskaalaga ühekordse kasutusega vedelik-kokkupuutega vooluregulaatorid
Infusion equipment for medical use - Part 13: Graduated flow regulators for single use with fluid contact (ISO 8536-13:2016)

Keel: en
Alusdokumendid: ISO 8536-13:2016; EN ISO 8536-13:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 8536-13:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 13237:2012

Plahvatusohtlikud keskkonnad. Terminid ja määratlused plahvatusohtlikes keskkondades kasutamiseks ette nähtud seadmete ja kaitsesüsteemide kohta
Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

Keel: en, et
Alusdokumendid: EN 13237:2012
Asendatud järgmise dokumendiga: EVS-EN 13237:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-11:2020

Puidutöötlemismasinad. Ohutus. Osa 11: Kombineeritud masinad
Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020)

Keel: en
Alusdokumendid: ISO 19085-11:2020; EN ISO 19085-11:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-11:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-4:2018

Puidutöötlemismasinad. Ohutus. Osa 4: Vertikaalasetusega ketassaed
Woodworking machines - Safety - Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018)

Keel: en
Alusdokumendid: ISO 19085-4:2018; EN ISO 19085-4:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-4:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-5:2017

Puidutöötlemismasinad. Ohutus. Osa 5: Formaatsaag
Woodworking machines - Safety - Part 5: Dimension saws (ISO 19085-5:2017)

Keel: en
Alusdokumendid: ISO 19085-5:2017; EN ISO 19085-5:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-5:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-7:2019

Puidutöötlemismasinad. Ohutus. Osa 7: Rihthöövelpingid, paksushöövelpingid, kombineeritud riht-paksushöövelpingid
Woodworking machines - Safety - Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO 19085-7:2019)

Keel: en
Alusdokumendid: ISO 19085-7:2019; EN ISO 19085-7:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-7:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-9:2020

Puidutöötlemismasinad. Ohutus. Osa 9: Ketassaepingid (liuglauaga ja ilma)
Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)

Keel: en
Alusdokumendid: ISO 19085-9:2019; EN ISO 19085-9:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-9:2024
Standardi staatus: Kehtetu

EVS-EN ISO 9773:1999

Plastid. Õhukeste elastsete vertikaalorientatsiooniga katsekehade põlevuse määramine väikeseleegilise süüteallikaga kokkupuute korral
Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source

Keel: en
Alusdokumendid: ISO 9773:1996; EN ISO 9773:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 9773:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 9773:1999/A1:2004
Standardi staatus: Kehtetu

EVS-EN ISO 9773:1999/A1:2004

Plastid. Õhukeste elastsete vertikaalorientatsiooniga katsekehade põlevuse määramine väikeseleegilise süüteallikaga kokkupuute korral
Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source

Keel: en
Alusdokumendid: ISO 9773:1998/A1:2003; EN ISO 9773:1998/A1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 9773:2024
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN ISO 18563-2:2017

Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 2: Probes (ISO 18563-2:2017)

Keel: en
Alusdokumendid: ISO 18563-2:2017; EN ISO 18563-2:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 18563-2:2024
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13480-3:2017

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3:2020
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A1:2021
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A2:2020
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A3:2020
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A4:2021
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017/A1:2021

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017/A1:2021
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017/A2:2020

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017/A2:2020
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3:2020
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017/A3:2020

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017/A3:2020
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3:2020
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017/A4:2021

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017/A4:2021
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017/A5:2022

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017/A5:2022
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017+A2+A3:2020

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017; EN 13480-3:2017/A2:2020; EN 13480-3:2017/A3:2020
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A1:2021
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A4:2021
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017+A2+A3+A1:2021

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017; EN 13480-3:2017/A2:2020; EN 13480-3:2017/A3:2020; EN 13480-3:2017/A1:2021
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A4:2021
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017+A2+A3+A1+A4:2021

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3 Issue 2 (2021-10)
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022
Muudetud järgmise dokumendiga: EVS-EN 13480-3:2017/A5:2022
Standardi staatus: Kehtetu

EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

Keel: en
Alusdokumendid: EN 13480-3:2017; EN 13480-3:2017/A2:2020; EN 13480-3:2017/A3:2020; EN 13480-3:2017/A1:2021; EN 13480-3:2017/A4:2021; EN 13480-3:2017/A5:2022
Asendatud järgmise dokumendiga: EVS-EN 13480-3:2024
Standardi staatus: Kehtetu

EVS-EN 13480-6:2017/A1:2019

Metallist tööstustorustik. Osa 6: Täiendavad nõuded kaetud torudele
Metallic industrial piping - Part 6: Additional requirements for buried piping

Keel: en
Alusdokumendid: EN 13480-6:2017/A1:2019
Asendatud järgmise dokumendiga: EVS-EN 13480-6:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-6:2017+A1:2019
Standardi staatus: Kehtetu

EVS-EN 13480-6:2017+A1:2019

Metallist tööstustorustik. Osa 6: Täiendavad nõuded kaetud torudele
Metallic industrial piping - Part 6: Additional requirements for buried piping

Keel: en
Alusdokumendid: EN 13480-6:2017 V02
Asendatud järgmise dokumendiga: EVS-EN 13480-6:2024
Standardi staatus: Kehtetu

EVS-EN 13480-8:2017

Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele (Parandatud väljaanne 06.2019)
Metallic industrial piping - Part 8: Additional requirements for aluminium and aluminium alloy piping (Corrected version 06.2019)

Keel: en
Alusdokumendid: EN 13480-8:2017 V02
Asendatud järgmise dokumendiga: EVS-EN 13480-8:2024
Standardi staatus: Kehtetu

EVS-EN 1591-1:2014

Äärikud ja nende ühendused. Tihendiga ümaräärikutega liidete projekteerimisreeglid. Osa 1: Arvutusmeetod
Flanges and their joints - Design rules for gasketed circular flange connections - Part 1: Calculation

Keel: en
Alusdokumendid: EN 1591-1:2013
Asendatud järgmise dokumendiga: EVS-EN 1591-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 21012:2018

Krüogeenanumad. Voolikud
Cryogenic vessels - Hoses (ISO 21012:2018)

Keel: en
Alusdokumendid: EN ISO 21012:2018; ISO 21012:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 21012:2024
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 14344:2010

Welding consumables - Procurement of filler materials and fluxes

Keel: en
Alusdokumendid: ISO 14344:2010; EN ISO 14344:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 14344:2024
Standardi staatus: Kehtetu

EVS-EN ISO 636:2017

Welding consumables - Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels - Classification (ISO 636:2017)

Keel: en
Alusdokumendid: ISO 636:2017; EN ISO 636:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 636:2024
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 13237:2012

Plahvatusohtlikud keskkonnad. Terminid ja määratlused plahvatusohtlikes keskkondades kasutamiseks ette nähtud seadmete ja kaitsesüsteemide kohta
Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

Keel: en, et
Alusdokumendid: EN 13237:2012
Asendatud järgmise dokumendiga: EVS-EN 13237:2024
Standardi staatus: Kehtetu

EVS-EN 50617-2:2015

Raudteealased rakendused. Rongituvastussüsteemide tehnilised andmed üle-Euroopalise raudteesüsteemi koostalitusvõime tagamiseks. Osa 2: Teljeloendurid
Railway Applications - Technical parameters of train detection systems for the interoperability of the trans-European railway system - Part 2: Axle counters

Keel: en
Alusdokumendid: EN 50617-2:2015
Asendatud järgmise dokumendiga: EVS-EN 50617-2:2024
Parandatud järgmise dokumendiga: EVS-EN 50617-2:2015/AC:2016
Standardi staatus: Kehtetu

EVS-EN 50617-2:2015/AC:2016

Raudteealased rakendused. Rongituvastussüsteemide tehnilised andmed üle-Euroopalise raudteesüsteemi koostalitusvõime tagamiseks. Osa 2: Teljeloendurid
Railway Applications - Technical parameters of train detection systems for the interoperability of the trans-European railway system - Part 2: Axle counters

Keel: en
Alusdokumendid: EN 50617-2:2015/AC:2016
Asendatud järgmise dokumendiga: EVS-EN 50617-2:2024
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60794-1-21:2015

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

Keel: en
Alusdokumendid: IEC 60794-1-21:2015; EN 60794-1-21:2015
Muudetud järgmise dokumendiga: EVS-EN 60794-1-21:2015/A1:2020
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-101:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-104:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-111:2023
Standardi staatus: Kehtetu

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

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

Keel: en
Alusdokumendid: IEC 60794-1-21:2015/A1:2020; EN 60794-1-21:2015/A1:2020
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-101:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-104:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-111:2023
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TS 17623:2021
BIM Properties for lighting - Luminaires and sensing devices

Keel: en
Alusdokumendid: CEN/TS 17623:2021
Asendatud järgmise dokumendiga: CEN ISO/TS 7127:2024
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15624:2021
Raudteealased rakendused. Pidurdamine. Pidurdusrežiimi lülitid “koormata-koormaga”
Railway applications - Braking - Empty-loaded changeover devices

Keel: en
Alusdokumendid: EN 15624:2021
Asendatud järgmise dokumendiga: EVS-EN 15624:2021+A1:2024
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 11812:2018
Small craft - Watertight cockpits and quick-draining cockpits (ISO 11812:2001)

Keel: en
Alusdokumendid: ISO 11812:2001; EN ISO 11812:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 11812:2024
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2350:2000
Lennunduse ja kosmonautika seeria. Kaitselülitid. Tehnilised andmed
Aerospace series - Circuit breakers - Technical specifications

Keel: en
Alusdokumendid: EN 2350:1990
Asendatud järgmise dokumendiga: EVS-EN 2350:2024
Standardi staatus: Kehtetu

EVS-EN 2591-100:2018
Aerospace series - Elements of electrical and optical connection - Test methods - Part 100: General

Keel: en
Alusdokumendid: EN 2591-100:2018
Asendatud järgmise dokumendiga: EVS-EN 2591-100:2024
Standardi staatus: Kehtetu

EVS-EN 3841-100:2005
Aerospace series - Circuit breakers - Test methods - Part 100: General

Keel: en
Alusdokumendid: EN 3841-100:2004
Asendatud järgmise dokumendiga: EVS-EN 3841-100:2024
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 14105:2020
Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of free and total glycerol and mono-, di-, triglyceride contents

Keel: en
Alusdokumendid: EN 14105:2020
Asendatud järgmise dokumendiga: EVS-EN 14105:2024
Standardi staatus: Kehtetu

EVS-EN ISO 712:2010
Teravili ja teraviljatooted. Niiskusesisalduse määramine. Referentsmeetod
Cereals and cereal products - Determination of moisture content - Reference method

Keel: en, et
Alusdokumendid: ISO 712:2009; EN ISO 712:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 712-1:2024
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 10426-5:2005
Petroleum and natural gas industries - Cements and materials for well cementing - Part 5: Determination of shrinkage and expansion of well cement formulations at atmospheric pressure

Keel: en
Alusdokumendid: ISO 10426-5:2005; EN ISO 10426-5:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 10426-5:2024
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 29658:2003
Steel - Determination of aluminium content - Flame atomic absorption spectrometric method

Keel: en
Alusdokumendid: ISO 9658:1990; EN 29658:1991
Asendatud järgmise dokumendiga: EVS-EN ISO 9658:2024
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN ISO 19085-11:2020
Puidutöötlemismasinad. Ohutus. Osa 11: Kombineeritud masinad
Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020)

Keel: en
Alusdokumendid: ISO 19085-11:2020; EN ISO 19085-11:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-11:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-4:2018
Puidutöötlemismasinad. Ohutus. Osa 4: Vertikaalasetusega ketassaed
Woodworking machines - Safety - Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018)

Keel: en
Alusdokumendid: ISO 19085-4:2018; EN ISO 19085-4:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-4:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-5:2017
Puidutöötlemismasinad. Ohutus. Osa 5: Formaatsaag
Woodworking machines - Safety - Part 5: Dimension saws (ISO 19085-5:2017)

Keel: en
Alusdokumendid: ISO 19085-5:2017; EN ISO 19085-5:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-5:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-7:2019
Puidutöötlemismasinad. Ohutus. Osa 7: Rihthöövelpingid, paksushöövelpingid, kombineeritud riht-paksushöövelpingid
Woodworking machines - Safety - Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO 19085-7:2019)

Keel: en
Alusdokumendid: ISO 19085-7:2019; EN ISO 19085-7:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-7:2024

Standardi staatus: Kehtetu

EVS-EN ISO 19085-8:2018

Woodworking machines - Safety - Part 8: Belt sanding and calibrating machines for straight workpieces (ISO 19085-8:2017)

Keel: en
Alusdokumendid: ISO 19085-8:2017; EN ISO 19085-8:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-8:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-9:2020

Puidutöötlemismasinad. Ohutus. Osa 9: Ketassaepingid (liuglauaga ja ilma)
Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)

Keel: en
Alusdokumendid: ISO 19085-9:2019; EN ISO 19085-9:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-9:2024
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 21012:2018

Krüogeenanumad. Voolikud
Cryogenic vessels - Hoses (ISO 21012:2018)

Keel: en
Alusdokumendid: EN ISO 21012:2018; ISO 21012:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 21012:2024
Standardi staatus: Kehtetu

EVS-EN ISO 9773:1999

Plastid. Õhukeste elastsete vertikaalorientatsiooniga katsekehade põlevuse määramine väikeseleegilise süüteallikaga kokkupuute korral
Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source

Keel: en
Alusdokumendid: ISO 9773:1996; EN ISO 9773:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 9773:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 9773:1999/A1:2004
Standardi staatus: Kehtetu

EVS-EN ISO 9773:1999/A1:2004

Plastid. Õhukeste elastsete vertikaalorientatsiooniga katsekehade põlevuse määramine väikeseleegilise süüteallikaga kokkupuute korral
Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source

Keel: en
Alusdokumendid: ISO 9773:1998/A1:2003; EN ISO 9773:1998/A1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 9773:2024
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 817:2008

Sanitary tapware - Mechanical mixing valves (PN 10) - General technical specifications

Keel: en
Alusdokumendid: EN 817:2008
Asendatud järgmise dokumendiga: EVS-EN 817:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10426-5:2005

Petroleum and natural gas industries - Cements and materials for well cementing - Part 5: Determination of shrinkage and expansion of well cement formulations at atmospheric pressure

Keel: en
Alusdokumendid: ISO 10426-5:2005; EN ISO 10426-5:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 10426-5:2024
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEVS-ISO 59004

Ringmajandus. Mõisted, põhimõtted ja rakendused
Circular economy — Vocabulary, principles and guidance for implementation

Dokument määratleb võtmemõisted, kujundab ringmajanduse visiooni ja põhimõtted ning annab suunised nende rakendamiseks vajalike tegevuste osas. Dokument on kasutatav kõigis organisatsioonides, mis soovivad panustada ringmajandusse ja seeläbi kestlikku arengusse. Need võivad olla avalikud organisatsioonid, eraõiguslikud juriidilised isikud või ühendused, olenemata liigist või suurusest ning paikneda väärtusahela või võrgustiku igas lülis.

Keel: en
Alusdokumendid: ISO 59004:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

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

prEN ISO 10012

Quality management - Requirements for measurement management systems (ISO/DIS 10012:2024)

ISO 10012 specifies generic requirements and provides guidance for the management of measurement processes and metrological confirmation of measuring equipment used to support and demonstrate compliance with metrological requirements. It specifies quality management requirements of a measurement management system that can be used by an organization performing measurements as part of the overall management system, and to ensure metrological requirements are met. ISO 10012:2003 is not intended to be used as a requisite for demonstrating conformance with ISO 9001, ISO 14001 or any other standard. Interested parties can agree to use ISO 10012:2003 as an input for satisfying measurement management system requirements in certification activities. Other standards and guides exist for particular elements affecting measurement results, for example, details of measurement methods, competence of personnel, interlaboratory comparisons. ISO 10012:2003 is not intended as a substitute for, or as an addition to, the requirements of ISO/IEC 17025.

Keel: en
Alusdokumendid: prEN ISO 10012; ISO/DIS 10012:2024
Asendab dokumenti: EVS-EN ISO 10012:2007

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS 911

Ehituskonsultantide vabatahtliku vastutuskindlustuse lepingute sõlmimine ja sisu
Voluntary professional indemnity guidelines for consulting engineering

See Eesti standard käsitleb — vabatahtliku vastutuskindlustuse olemust; — ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu sõlmimist. Seejuures antakse selle standardiga soovitused, millest oleks kindlustusvõtjal mõistlik lähtuda enda kindlustushuvile vastava kindlustuskaitse leidmisel, vabatahtliku vastutuskindlustuse kindlustusandja valimisel ning sõlmitava kindlustuslepingu tingimustega tutvumisel. Samuti antakse selles standardis soovitused, kuidas oleks mõttekas hankelepingutes sätestada nõudeid ehituskonsultantide vabatahtliku erialase vastutuskindlustuse osas; — ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu täitmist ning lõpetamist. Muu hulgas selgitatakse, millised on lepingupoolte

peamised õigused ja kohustused. Standard ei ole kohaldatav ehitamise ja ehitusjuhtimise suhtes sõlmitud vastutuskindlustuse lepingutele.

Keel: et
Asendab dokumenti: EVS 911:2018

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 59004

Ringmajandus. Mõisted, põhimõtted ja rakendused
Circular economy — Vocabulary, principles and guidance for implementation

Dokument määratleb võtmemõisted, kujundab ringmajanduse visiooni ja põhimõtted ning annab suunised nende rakendamiseks vajalike tegevuste osas. Dokument on kasutatav kõigis organisatsioonides, mis soovivad panustada ringmajandusse ja seeläbi kestlikku arengusse. Need võivad olla avalikud organisatsioonid, eraõiguslikud juriidilised isikud või ühendused, olenemata liigist või suurusest ning paikneda väärtusahela või võrgustiku igas lülis.

Keel: en
Alusdokumendid: ISO 59004:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 59010

Ringmajandus. Ärimudelite ja väärtusahelate transformeerimise suunised
Circular economy — Guidance on the transition of business models and value networks (ISO 59010:2024, identical)

Dokument annab organisatsiooni ärimudelite ja väärtusahelate lineaarselt ringsele transformeerimise suunised. Dokument on kasutatav kõigis organisatsioonides, olenemata suurusest, tegevusalast või geograafilisest asukohast.

Keel: en
Alusdokumendid: ISO 59010:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 59020

Ringmajandus. Ringsuse tulemuslikkuse mõõtmine ja hindamine
Circular economy — Measuring and assessing circularity performance

Dokument täpsustab nõuded ning annab organisatsioonile juhised oma majandussüsteemi ringsuse määratlemiseks ja mõõtmiseks kindlal ajahetkel. Mõõtmine ja hindamine toimub andmete kogumise ning arvutuste tegemise teel, kasutades kohustuslikke ning vabatahtlikke ringsuse mõõtmise indikaatoreid. Dokument annab raamistiku kasutamiseks kõigis organisatsioonides, olenemata nende tegevusalast ja liigist, samuti süsteemi piiride määratlemise ja indikaatorite valiku juhised ning andmetöötluse ja andmete tõlgendamise juhised selleks, et tagada mõõtmiste järjepidevus, taasesitatavus ning sisulised ja kontrollitavad mõõtmistulemused. Raamistik on kasutatav majandussüsteemi erinevatel tasemetel, nii regionaalsel, organisatsiooni kui organisatsioonidevahelisel tasemel, kui ka toote tasemel. Organisatsiooni ringsuse eesmärgi saavutamiseks vajalike tegevuste sotsiaalsete, majanduslike ja keskkonnamõjude hindamiseks pakub dokument täiendavad meetodid, mida saab kasutada lisaks sellele dokumendile.

Keel: en
Alusdokumendid: ISO 59020:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

11 TERVISEHOOLDUS

EN ISO 10993-23:2021/prA1

Biological evaluation of medical devices - Part 23: Tests for irritation - Amendment 1: Additional in vitro reconstructed human epidermis models (ISO 10993-23:2021/DAmd1:2024)

Amendment to EN ISO 10993-23:2021

Keel: en
Alusdokumendid: ISO 10993-23:2021/DAmd 1; EN ISO 10993-23:2021/prA1
Muudab dokumenti: EVS-EN ISO 10993-23:2021

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 61267:2024

Medical diagnostic x-ray equipment - Radiation conditions for use in the determination of characteristics

This International Standard applies to test procedures which, for the determination of characteristics of systems or components of medical diagnostic X-ray equipment (3.2.46), require well-defined X-ray radiation condition (3.1.6). Except for mammography, this standard does not apply to conditions where discontinuities in radiation absorption of elements are deliberately used to modify properties of the radiation beam (3.2.32) (for example by rare earth filters). X-ray radiation condition (3.1.6) for screen-film sensitometry are not covered in this standard. NOTE: Screen-film sensitometry is the subject of the ISO 9236 series. This standard deals with methods for generating X-ray beams characterized by X-ray radiation conditions which can be used under test

conditions typically found in test laboratories or in manufacturing facilities for the determination of characteristics of medical diagnostic X-ray equipment (3.2.46) . Examples of such are X-ray beams emerging through the filtration from an X-ray source assembly (3.2.51) whereby the radiation field (3.2.34) includes only an insignificant amount of scattered radiation (3.2.38) . X-ray radiation condition (3.1.6) can also represent the more general case, where scattered radiation (3.2.38) emerges from an exit surface (3.1.4) of a patient (3.2.25) or a phantom (3.2.27).

Keel: en
Alusdokumendid: 62C/925/CDV; prEN IEC 61267:2024
Asendab dokumenti: EVS-EN 61267:2006

Arvamusküsitluse lõppkuupäev: 13.12.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN ISO 12312-1:2022/prA11

Silma- ja näokaitsevahendid. Päikeseprillid ja kaitseprillid. Osa 1: Üldkasutatavad päikeseprillid
Eye and face protection - Sunglasses and related eyewear - Part 1: Sunglasses for general use

Amendment to EN ISO 12312-1:2022

Keel: en
Alusdokumendid: EN ISO 12312-1:2022/A11:2024
Muudab dokumenti: EVS-EN ISO 12312-1:2022

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 14972-2

Fixed firefighting systems - Water mist systems - Part 2: Test protocol for shopping areas for automatic nozzle systems

This document specifies the evaluation of the fire performance of water mist systems for shopping areas, adjacent storage areas, and similar areas. This document is only applicable for horizontal, solid, flat ceilings with heights of 2,6 m and above. This document does not cover storage with movable racks or shelves.

Keel: en
Alusdokumendid: prEN 14972-2

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 481

Workplace exposure - Size fraction definitions for measurement of airborne particles (ISO 7708:1995, modified)

This document defines sampling conventions for airborne particle size fractions for use in assessing the health relevant exposure from inhalation of particles in the workplace. Conventions are defined for the inhalable, thoracic and respirable fractions. The sampling conventions only describe the inhalation of particles and their penetration in the respiratory tract as governed by inertia (impaction). Deposition in the respiratory tract by other mechanisms, e.g. diffusion, is not considered in this document. The sampling conventions defined in this document apply to both indoor and outdoor workplaces. The assumptions on which the sampling conventions are defined are given in Clause 6. The convention chosen for a specific application will depend on the region of the health effect of the component of interest in the airborne particles (see Clause 5). The conventions can be used with whatever metric is of interest, including particle count, length, surface area, volume or mass. The metric depends on the kind of particle analysis carried out on the sampled aerosol fraction. The health-related fraction concentrations defined in this document are often expressed in mass of the sampled particles per volume of sampled air in order to compare with mass-based occupational exposure limit values. The conventions are not applicable in association with limit values expressed in a different metric, e.g. for fibre limit values defined in terms of the length and diameter of airborne fibres and the ratio of the two (aspect ratio), unless a measurement procedure explicitly requires that a specific health related size fraction is to be sampled/collected [13]. The main purpose of this document is to provide agreement on the particle size fractions to sample and their definitions. Sampling is generally carried out using dedicated samplers, for which there is no need to measure the aerodynamic size distribution of the airborne particles to be sampled. Samplers including a separation into one or more relevant sampling conventions(s) are currently available. In general, no assumptions or pre-knowledge are needed on the number of modes, modal diameter(s) or width of the particle aerodynamic size distribution of the airborne particles to be sampled. Because there is a wide variation from one person to another in the probability of particle inhalation, deposition, reaction to deposition and clearance, this document is not applicable for determining the deposited dose taken up by an individual worker. The conventions are primarily intended for determining workers' exposure to airborne particles by sampling the airborne particles. This document is not applicable to large particles emitted at high speed that are travelling under the momentum from their emission, instead of being carried by the air (airborne) and aspirated into humans and aerosol samplers by their suction (see Annex B).

Keel: en
Alusdokumendid: prEN 481
Asendab dokumenti: EVS-EN 481:1999

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 61285:2024

Industrial-process control - Safety of analyser houses

This International Standard describes the physical requirements for the safe operation of the process analyser measuring system installed in an analyser house (AH) in order to ensure its protection against fire, explosion and health hazards. This standard

applies for analyser houses with inner and/or external potential explosive atmospheres and it applies to hazards caused by toxic substances or asphyxiant gases. (Refer to national guidelines on toxic hazards.) This standard does not address facilities where solids (dust, powder, fibres) are the hazard. This standard does not seek to address all functional safety issues related to analyser houses. Clause 4 addresses the location of the AH and connection within the process plant areas. Clause 5 addresses the design, construction and layout of the AH. Clause 6 addresses measures for reducing the danger of explosion for AHs while permitting maintenance of equipment with the power on and the case open. For most fluids, the major constraint is that the concentration of vapours, which are toxic for personnel, is lower than the lower explosive (flammable) limit (LFL) (see Clause 7). Using n-Pentane as an example, the LFL is 1,5 % or 15 000 × 10–6 183 [Source OSHA], the level immediately dangerous to life or health (which is the maximum level from which a worker could escape within 30 min without any escape-impairing symptoms or any irreversible health effects) is only 0,1 % or 1 000 × 10–6 186 . Clause 7 addresses those measures for protecting personnel from materials in the atmosphere of AHs that are hazardous to health.

Keel: en
Alusdokumendid: 65B/1272/CDV; prEN IEC 61285:2024
Asendab dokumenti: EVS-EN 61285:2015

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 11265

Environmental solid matrices - Determination of the specific electrical conductivity (ISO/DIS 11265:2024)

Specifies an instrumental method for the routine determination of the specific electrical conductivity in an aqueous extract of soil. The determination is carried out to obtain an indication of the content of water-soluble electrolytes in a soil.

Keel: en
Alusdokumendid: ISO/DIS 11265; prEN ISO 11265

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 17249

Safety footwear for users of handheld chain saws (ISO/DIS 17249:2024)

This International Standard specifies requirements for safety footwear for users of handheld chain saws. It also specifies requirements for footwear for users of handheld chain saws equipped with customized insocks, customized footwear with resistance to chain saw cutting or individual manufactured customized footwear with resistance to chain saw cutting. Special risks are covered by complementary job-related standards (e.g. electrically insulating footwear, protection against molten metal splash)

Keel: en
Alusdokumendid: ISO/DIS 17249; prEN ISO 17249
Asendab dokumenti: EVS-EN ISO 17249:2013
Asendab dokumenti: EVS-EN ISO 17249:2013/AC:2014

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 18227

Environmental solid matrices - Determination of elemental composition by X-ray fluorescence spectrometry (ISO/DIS 18227:2024)

This document specifies the procedure for a quantitative determination of major and trace element concentrations in homogeneous solid waste, soil, soil-like material and sludge by energy dispersive X-ray fluorescence (EDXRF) spectrometry or wavelength dispersive X-ray fluorescence (WDXRF) spectrometry using a calibration with matrix-matched standards. 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, Se, Br, Rb, Sr, Y, Zr, Nb, Mo, Ag, Cd, Sn, Sb, Te, I, Cs, Ba, Ta, W, Hg, Tl, Pb, Bi, Th and U. Concentration levels between approximately 0,000 1 % and 100 % can be determined depending on the element and the instrument used.

Keel: en
Alusdokumendid: ISO/DIS 18227; prEN ISO 18227
Asendab dokumenti: EVS-EN 15309:2007

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 5659

Plastics - Smoke generation - Determination of optical density by a single-chamber test (ISO/DIS 5659:2024)

ISO 5659-2:2017 specifies a method of measuring smoke production from the exposed surface of specimens of materials or composites. It is applicable to specimens that have an essentially flat surface and do not exceed 25 mm in thickness when placed in a horizontal orientation and subjected to specified levels of thermal irradiance in a closed cabinet with or without the application of a pilot flame. This method of test is applicable to all plastics. It is intended that the values of optical density determined by this test be taken as specific to the specimen or assembly material in the form and thickness tested and are not to be considered inherent, fundamental properties. The test is intended primarily for use in research and development and fire safety engineering in buildings, trains, ships, etc. and not as a basis for ratings for building codes or other purposes. No basis is provided for predicting the density of smoke that can be generated by the materials upon exposure to heat and flame under other (actual) exposure conditions. This test procedure excludes the effect of irritants on the eye.

Keel: en
Alusdokumendid: ISO/DIS 5659; prEN ISO 5659

Asendab dokumenti: EVS-EN ISO 5659-2:2017

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 59004

Ringmajandus. Mõisted, põhimõtted ja rakendused
Circular economy — Vocabulary, principles and guidance for implementation

Dokument määratleb võtmemõisted, kujundab ringmajanduse visiooni ja põhimõtted ning annab suunised nende rakendamiseks vajalike tegevuste osas. Dokument on kasutatav kõigis organisatsioonides, mis soovivad panustada ringmajandusse ja seeläbi kestlikku arengusse. Need võivad olla avalikud organisatsioonid, eraõiguslikud juriidilised isikud või ühendused, olenemata liigist või suurusest ning paikneda väärtusahela või võrgustiku igas lülis.

Keel: en
Alusdokumendid: ISO 59004:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 59010

Ringmajandus. Ärimudelite ja väärtusahelate transformeerimise suunised
Circular economy — Guidance on the transition of business models and value networks (ISO 59010:2024, identical)

Dokument annab organisatsiooni ärimudelite ja väärtusahelate lineaarselt ringsele transformeerimise suunised. Dokument on kasutatav kõigis organisatsioonides, olenemata suurusest, tegevusalast või geograafilisest asukohast.

Keel: en
Alusdokumendid: ISO 59010:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 59020

Ringmajandus. Ringsuse tulemuslikkuse mõõtmine ja hindamine
Circular economy — Measuring and assessing circularity performance

Dokument täpsustab nõuded ning annab organisatsioonile juhised oma majandussüsteemi ringsuse määratlemiseks ja mõõtmiseks kindlal ajahetkel. Mõõtmine ja hindamine toimub andmete kogumise ning arvutuste tegemise teel, kasutades kohustuslikke ning vabatahtlikke ringsuse mõõtmise indikaatoreid. Dokument annab raamistiku kasutamiseks kõigis organisatsioonides, olenemata nende tegevusalast ja liigist, samuti süsteemi piiride määratlemise ja indikaatorite valiku juhised ning andmetöötluse ja andmete tõlgendamise juhised selleks, et tagada mõõtmiste järjepidevus, taasesitatavus ning sisulised ja kontrollitavad mõõtmistulemused. Raamistik on kasutatav majandussüsteemi erinevatel tasemetel, nii regionaalsel, organisatsiooni kui organisatsioonidevahelisel tasemel, kui ka toote tasemel. Organisatsiooni ringsuse eesmärgi saavutamiseks vajalike tegevuste sotsiaalsete, majanduslike ja keskkonnamõjude hindamiseks pakub dokument täiendavad meetodid, mida saab kasutada lisaks sellele dokumendile.

Keel: en
Alusdokumendid: ISO 59020:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 63297:2024

Sensing devices for non-intrusive load monitoring (NILM) systems

This International Standard provides a classification of NILM sensing devices for use in NILM systems, according to the state of the art of NILM technologies. The classification of NILM analytics and NILM systems, as well as performance indicators for NILM systems, can be considered in the future. NILM systems produce estimated disaggregation into energy usages. When accurate measurement and analysis of energy consumption and/or other electrical parameters is needed (e.g. for monitoring the electrical installation), systems based on standardized measuring devices (e.g. PMD, PQI or meters) are used. NOTE Standardized measuring devices have guaranteed accuracy over a specified range and have limited deviations in presence of influence quantities (temperature, frequency deviations…) in addition to safety and constructional requirements. See Annex C for more information.

Keel: en
Alusdokumendid: 85/933/CDV; prEN IEC 63297:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 10012

Quality management - Requirements for measurement management systems (ISO/DIS 10012:2024)

ISO 10012 specifies generic requirements and provides guidance for the management of measurement processes and metrological confirmation of measuring equipment used to support and demonstrate compliance with metrological requirements. It specifies quality management requirements of a measurement management system that can be used by an organization performing measurements as part of the overall management system, and to ensure metrological requirements are met. ISO 10012:2003 is not intended to be used as a requisite for demonstrating conformance with ISO 9001, ISO 14001 or any other

standard. Interested parties can agree to use ISO 10012:2003 as an input for satisfying measurement management system requirements in certification activities. Other standards and guides exist for particular elements affecting measurement results, for example, details of measurement methods, competence of personnel, interlaboratory comparisons. ISO 10012:2003 is not intended as a substitute for, or as an addition to, the requirements of ISO/IEC 17025.

Keel: en
Alusdokumendid: prEN ISO 10012; ISO/DIS 10012:2024
Asendab dokumenti: EVS-EN ISO 10012:2007

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 9613-2

Acoustics - Attenuation of sound during propagation outdoors - Part 2: Engineering method for the prediction of sound pressure levels outdoors (ISO 9613-2:2024)

This document specifies an engineering method for calculating the attenuation of sound during propagation outdoors in order to predict the levels of environmental noise at a distance from a variety of sources. The method predicts the equivalent continuous A-weighted sound pressure level (as described in ISO 1996-series) under meteorological conditions favourable to propagation from sources of known sound emission. These conditions are for downwind propagation or, equivalently, propagation under a well-developed moderate ground based temperature inversion, such as commonly occurs in clear, calm nights. Inversion conditions over extended water surfaces are not covered and may result in higher sound pressure levels than predicted from this document (see e.g. References [11] and [12]). The method also predicts a long-term average A weighted sound pressure level as specified in ISO 1996-1 and ISO 1996-2. The long-term average A weighted sound pressure level encompasses levels for a wide variety of meteorological conditions. Guidance has been provided to derive a meteorological correction based on the angular wind distribution relevant for the reference or long-term time interval as specified in ISO 1996-1:2016, 3.2.1 and 3.2.2. Examples for reference time intervals are day, night, or the hour of the night with the largest value of the sound pressure level. Long-term time intervals over which the sound of a series of reference time intervals is averaged or assessed representing a significant fraction of a year (e.g. 3 months, 6 months or 1 year). The method specified in this document consists specifically of octave band algorithms (with nominal mid-band frequencies from 63 Hz to 8 kHz) for calculating the attenuation of sound which originates from a point sound source, or an assembly of point sources. The source (or sources) may be moving or stationary. Specific terms are provided in the algorithms for the following physical effects: — geometrical divergence; — atmospheric absorption; — ground effect; — reflection from surfaces; — screening by obstacles. Additional information concerning propagation through foliage, industrial sites and housing is given in Annex A. The directivity of chimney-stacks to support the sound predictions for industrial sites has been included with Annex B. An example how the far-distance meteorological correction C0 can be determined from the local wind-climatology is given in Annex C. Experiences of the last decades how to predict the sound pressure levels caused by wind turbines is summarized in Annex D. The method is applicable in practice to a great variety of noise sources and environments. It is applicable, directly, or indirectly, to most situations concerning road or rail traffic, industrial noise sources, construction activities, and many other ground-based noise sources. It does not apply to sound from aircraft in flight, or to blast waves from mining, military, or similar operations. To apply the method of this document, several parameters need to be known with respect to the geometry of the source and of the environment, the ground surface characteristics, and the source strength in terms of octave band sound power levels for directions relevant to the propagation. If only A weighted sound power levels of the sources are known, the attenuation terms for 500 Hz may be used to estimate the resulting attenuation. The accuracy of the method and the limitations to its use in practice are described in Clause 9.

Keel: en
Alusdokumendid: ISO 9613-2:2024; prEN ISO 9613-2
Asendab dokumenti: EVS-ISO 9613-2:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 14917:2021/prA1

Metal bellows expansion joints for pressure applications

This document specifies the requirements for design, manufacture and installation of metal bellows expansion joints with circular cross section for pressure applications with maximum allowable pressure greater than 0,5 bar.

Keel: en
Alusdokumendid: EN 14917:2021/prA1
Muudab dokumenti: EVS-EN 14917:2021

Arvamusküsitluse lõppkuupäev: 13.12.2024

25 TOOTMISTEHNOLOOGIA

prEN IEC 61285:2024

Industrial-process control - Safety of analyser houses

This International Standard describes the physical requirements for the safe operation of the process analyser measuring system installed in an analyser house (AH) in order to ensure its protection against fire, explosion and health hazards. This standard applies for analyser houses with inner and/or external potential explosive atmospheres and it applies to hazards caused by toxic substances or asphyxiant gases. (Refer to national guidelines on toxic hazards.) This standard does not address facilities where solids (dust, powder, fibres) are the hazard. This standard does not seek to address all functional safety issues related to analyser houses. Clause 4 addresses the location of the AH and connection within the process plant areas. Clause 5 addresses the design, construction and layout of the AH. Clause 6 addresses measures for reducing the danger of explosion for AHs while permitting maintenance of equipment with the power on and the case open. For most fluids, the major constraint is that the

concentration of vapours, which are toxic for personnel, is lower than the lower explosive (flammable) limit (LFL) (see Clause 7). Using n-Pentane as an example, the LFL is 1,5 % or 15 000 × 10–6 183 [Source OSHA], the level immediately dangerous to life or health (which is the maximum level from which a worker could escape within 30 min without any escape-impairing symptoms or any irreversible health effects) is only 0,1 % or 1 000 × 10–6 186 . Clause 7 addresses those measures for protecting personnel from materials in the atmosphere of AHs that are hazardous to health.

Keel: en
Alusdokumendid: 65B/1272/CDV; prEN IEC 61285:2024
Asendab dokumenti: EVS-EN 61285:2015

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 62841-2-25:2024

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-25: Particular requirements for hand-held chain beam saws

IEC 62841-1:2014, Clause 1 is applicable, except as follows. Addition: This document applies to hand-held chain beam saws for cutting wood or similar material and designed for use by one person. This document does not apply to chain beam saw attachments that convert a circular saw or a chain saw into a chain beam saw. This document does not apply to – chain saws; – chain saws for tree service; and – pole-mounted pruners. NOTE 101 Chain saws are covered by IEC 62841-4-1. NOTE 102 Chain saws for tree service will be covered by a future part of IEC 62841. NOTE 103 Pole-mounted pruners will be covered by a future part of IEC 62841.

Keel: en
Alusdokumendid: 116/827/CDV; prEN IEC 62841-2-25:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 62841-3-16:2024

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders

IEC 62841-1:2014, Clause 1 is applicable, except as follows. Addition: This document applies to transportable belt sanders, disc sanders and belt/disc sanders which are equipped with – a sanding belt; or – a sanding disc; or – a sanding belt and a sanding disc for sanding solid materials. This document does not apply to hand-held disc-type sanders. NOTE 101 Hand-held disc-type sanders are covered by IEC 62841-2-3. This document does not apply to hand-held belt sanders. NOTE 102 Hand-held belt sanders are covered by IEC 62841-2-4.

Keel: en
Alusdokumendid: 116/825/CDV; prEN IEC 62841-3-16:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 2081

Metallic and other inorganic coatings - Electroplated coatings on iron and steel using zinc treated with solutions containing chromium (VI) (ISO/DIS 2081:2024)

ISO 2081:2018 specifies requirements for electroplated coatings of zinc with supplementary treatments on iron or steel. It includes information to be supplied by the purchaser to the electroplater, and the requirements for heat treatment before and after electroplating. ISO 2081:2018 is not applicable to zinc coatings applied - to sheet, strip or wire in the non-fabricated form, - to close-coiled springs, or - for purposes other than protective or decorative. ISO 2081:2018 does not specify requirements for the surface condition of the basis metal prior to electroplating with zinc. However, defects in the surface of the basis metal can adversely affect the appearance and performance of the coating. The coating thickness that can be applied to threaded components can be limited by dimensional requirements, including class or fit.

Keel: en
Alusdokumendid: ISO/DIS 2081; prEN ISO 2081
Asendab dokumenti: EVS-EN ISO 2081:2018

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 9606

Qualification testing of welders - Fusion welding (ISO/DIS 9606:2024)

This document specifies the requirements for qualification testing of welders for fusion welding of steels, aluminium, copper, nickel, titanium and zirconium. In this document, the terms "aluminium", “copper”, “nickel”, “titanium” and “zirconium” refer to the materials and their alloys. This document provides a set of technical rules for a systematic qualification test of the welder, and enables such qualifications to be uniformly accepted independently of the type of product, location and examiner or examining body. When qualifying welders, the emphasis is placed on the welder's ability to manually manipulate the electrode, welding torch or welding blowpipe, thereby producing a weld of acceptable quality. The fusion welding processes referred to in this document include welding processes which are designated as manual or partly mechanized. This document does not cover fully mechanized and automated welding processes which are covered by ISO 14732. The principles of this document can be applied to other fusion welding processes.

Keel: en
Alusdokumendid: ISO/DIS 9606; prEN ISO 9606
Asendab dokumenti: EVS-EN ISO 9606-1:2017
Asendab dokumenti: EVS-EN ISO 9606-2:2005

Asendab dokumenti: EVS-EN ISO 9606-3:1999
Asendab dokumenti: EVS-EN ISO 9606-4:1999
Asendab dokumenti: EVS-EN ISO 9606-5:2000

Arvamusküsitluse lõppkuupäev: 13.12.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN IEC 61116:2024
Electromechanical equipment guide for small hydroelectric installations

This document is used as a guidance that applies to hydroelectric installations containing impulse or reaction turbines with unit power up to about 15 MW and reference diameter of about 3 m. These figures do not represent absolute limits. This document deals only with the direct relations between the purchaser or the consulting engineer and the supplier. It does not deal with civil works, administrative conditions or commercial conditions. This document is intended to be used by all concerned in the installation of electromechanical equipment for small hydroelectric plants. This document, based essentially on practical information, aims specifically at supplying the purchaser of the equipment with information which will assist him with the following: – preparation of the call for tenders; – evaluation of the tenders; – contact with the supplier during the design and manufacture of equipment; – quality control during the manufacture and shop-testing; – follow-up of site erection; – commissioning; – acceptance tests; – operation and maintenance. The document comprises the following: a) general requirements for the electromechanical equipment of small hydroelectric installations; b) technical specifications for the electromechanical equipment, excluding its dimensioning and standardization; c) requirements for acceptance, operation and maintenance. Bearing in mind the type of installation considered, the necessary documents are intended to be as simple as possible but to satisfactorily define the particular operation conditions. Over-specification is harmful to the economy of the project. This document does not cover the initial stage of investigations, that is to say the preliminary study and feasibility study. Neither does it deal with the economic study concerning the supply and demand of energy. To conclude, the document does not replace the necessary engineering studies for the selection, design, manufacture, installation and testing of the equipment. It is intended only to make the purchaser aware of the important points and data to be furnished, specified and kept in due consideration in the construction of small hydroelectric plants.

Keel: en
Alusdokumendid: 4/510/CDV; prEN IEC 61116:2024
Asendab dokumenti: EVS-EN 61116:2006

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 63349-1:2024
Photovoltaic direct-driven appliance controllers - Part 1: General requirement

IEC 63349 series documents establish requirements for photovoltaic direct-driven appliance (PVDDA) controllers. The requirements are applicable to systems with voltages not higher than 1500V DC or 1000V AC, and where the output power of variable frequency drive (VFD) not higher than 30kW. PVDDA controllers are devices used for transforming, regulating and controlling power among sources (such as PV array, grid, energy storage, etc.) and appliance loads (such as air-conditioner, refrigerator, water pump, etc.). Through a PVDDA controller, power generated by PV system is directly applied to the load, with or without a connection to the grid. PVDDA controllers shall communicate with connected power converters and power sources, but communication protocols are not covered in this document. A PVDDA controller may be connected to multiple power converters such as: a Maximum Power Point Tracking (MPPT) system, a VFD, a bi-directional grid-connected AC/DC power converter, an energy storage charger/discharger, and converters for DC or AC appliances, etc. However, many of these devices have their own applicable standards, therefore this document does not intend to create any new requirements for these devices. Instead, it covers the control functions and the operational performance between the controller and these power converters. Safety requirements of the PVDDA controller are not covered by this document. Safety requirements of power converters connected to the PVDDA controller are listed as follows: a) converter connected to PV array, IEC 62109-1 and IEC 62109-2 is applicable; b) bi-directional converter connected to grid, IEC 62909-1 and IEC 62909-2 is applicable; c) converter connected to energy storage, IEC 62509 is applicable; d) variable frequency drive, IEC 60730-1 is applicable. Characterization and testing of the PVDDA controller's efficiency are not included in the scope of this part of the document. They will be included in part 3 of this document (under development).

Keel: en
Alusdokumendid: 82/2291/CDV; prEN IEC 63349-1:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 9806
Solar energy - Solar thermal collectors - Test methods (ISO/DIS 9806:2024)

This document specifies test methods for assessing the durability, reliability, safety and thermal performance of fluid heating solar collectors. The test methods are applicable for laboratory testing and for in situ testing. This document is applicable to all types of fluid heating solar collectors, air heating solar collectors, hybrid solar collectors co-generating heat and electric power, as well as to solar collectors using external power sources for normal operation and/or safety purposes. It does not cover electrical safety aspects or other specific properties directly related to electric power generation. This document is not applicable to those devices in which a thermal storage unit is an integral part to such an extent that the collection process cannot be separated from the storage process for making the collector thermal performance measurements.

Keel: en
Alusdokumendid: ISO/DIS 9806; prEN ISO 9806

Arvamusküsitluse lõppkuupäev: 13.12.2024

29 ELEKTROTEHNIKA

prEN 10342
Magnetic materials - Classification of surface insulations of electrical steel sheet, strip and laminations

This document establishes a classification of surface insulations for electrical steel sheet, strip and laminations according to their general composition, relative insulating ability and function. These surface insulations are either oxide layers or applied coatings. The purpose of this classification is to create a nomenclature for the various types of surface insulations and to assist users of surface insulations by providing general information about the chemical nature and use of the surface insulations. It is not the intent of this classification to specify insulation requirements in terms of specific values of surface insulation resistance. Such requirements are to be agreed between the purchaser and the steel producer, where applicable. The classification is to be used in conjunction with the various specifications for cold rolled electrical steels (see Clause 2).

Keel: en
Alusdokumendid: prEN 10342
Asendab dokumenti: EVS-EN 10342:2005

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 60079-42:2024
Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources for ex-equipment

This part of IEC 60079 specifies the construction and testing of electrical safety devices to reduce the likelihood of potential ignition sources becoming effective in Ex Equipment located in Explosive Atmospheres. In the context of this document electrical safety devices perform a safety function to control potential ignition sources from both, electrical or non-electrical Ex Equipment in explosive atmospheres. In the context of this document, a safety device could be an element of a safety function, for example, sensor, logic or final element, or a combination of elements performing a complete safety function. A safety function can be a manual or an automatic action. This document can also be used for assessing the safety device independently, without being designed for a specific Ex Equipment. A safety device can be a measure to achieve a required Equipment Protection Level (EPL) of the Ex Equipment with respect to a potential ignition source. The combination of the safety device and the Ex Equipment could then comply with the relevant standards of the IEC 60079 series and the ISO 80079 series with respect to the Equipment Protection Level. Increasing the 167 EPL of Ex Equipment by the simple addition of a safety device is not within the scope of this document. This document does not apply to: • mechanical control equipment such as pressure relief valves, mechanical governors and other mechanical safety devices; • the use of gas detection; • safety devices to prevent the occurrence of explosive atmospheres, for example inerting systems, pressurization systems and ventilation systems; or • mitigation of an explosion. NOTE Some potential ignition sources might not be practicably controlled by safety devices. For electrical safety devices, where the level of safety integrity is identified under other parts of the IEC 60079 series, this document can be used as a reference for the realization of the level of safety integrity. Electrical safety devices could be installed either as part of or separate to the Ex Equipment under control (ExEUC) and could be located inside or outside the hazardous area. This document is not applicable where another Type of Protection requires a Specific Condition of Use for a safety device but does not reference this document. For example an overload protective device for and Ex “e” motor.

Keel: en
Alusdokumendid: 31/1797/CDV; prEN IEC 60079-42:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 61116:2024
Electromechanical equipment guide for small hydroelectric installations

This document is used as a guidance that applies to hydroelectric installations containing impulse or reaction turbines with unit power up to about 15 MW and reference diameter of about 3 m. These figures do not represent absolute limits. This document deals only with the direct relations between the purchaser or the consulting engineer and the supplier. It does not deal with civil works, administrative conditions or commercial conditions. This document is intended to be used by all concerned in the installation of electromechanical equipment for small hydroelectric plants. This document, based essentially on practical information, aims specifically at supplying the purchaser of the equipment with information which will assist him with the following: – preparation of the call for tenders; – evaluation of the tenders; – contact with the supplier during the design and manufacture of equipment; – quality control during the manufacture and shop-testing; – follow-up of site erection; – commissioning; – acceptance tests; – operation and maintenance. The document comprises the following: a) general requirements for the electromechanical equipment of small hydroelectric installations; b) technical specifications for the electromechanical equipment, excluding its dimensioning and standardization; c) requirements for acceptance, operation and maintenance. Bearing in mind the type of installation considered, the necessary documents are intended to be as simple as possible but to satisfactorily define the particular operation conditions. Over-specification is harmful to the economy of the project. This document does not cover the initial stage of investigations, that is to say the preliminary study and feasibility study. Neither does it deal with the economic study concerning the supply and demand of energy. To conclude, the document does not replace the necessary engineering studies for the selection, design, manufacture, installation and testing of the equipment. It is intended only to make the purchaser aware of the important points and data to be furnished, specified and kept in due consideration in the construction of small hydroelectric plants.

Keel: en
Alusdokumendid: 4/510/CDV; prEN IEC 61116:2024
Asendab dokumenti: EVS-EN 61116:2006

Arvamusküsitluse lõppkuupäev: 13.12.2024

31 ELEKTROONIKA

prEN IEC 60115-2:2024

Fixed resistors for use in electronic equipment - Part 2: Sectional specification: Low-power film resistors with leads for through-hole assembly on circuit boards (THT)

This part of IEC 60115 is applicable to fixed low-power film resistors with termination leads for use in electronic equipment, which are typically assembled in through-hole technology (THT) on circuit boards. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. The resistive element of these resistors is typically protected by a conformal lacquer coating. These resistors have wire terminations and are primarily intended to be mounted on a circuit board in through-hole technique. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor.

Keel: en
Alusdokumendid: prEN IEC 60115-2:2024; IEC 60115-2:2023
Asendab dokumenti: EVS-EN 60115-2:2015

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 60115-2:2024/prAA:2024

Fixed resistors for use in electronic equipment - Part 2: Sectional specification: Low-power film resistors with leads for through-hole assembly on circuit boards (THT)

This part of IEC 60115 is applicable to fixed low-power film resistors with termination leads for use in electronic equipment, which are typically assembled in through-hole technology (THT) on circuit boards. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. The resistive element of these resistors is typically protected by a conformal lacquer coating. These resistors have wire terminations and are primarily intended to be mounted on a circuit board in through-hole technique. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor. Since the documents of the 60115-X series are exempted from the parallel procedure (D162/C089), this New Work Item Proposal aims to endorse the main IEC document IEC 60115-2:2023 as a European standard. The standard shall be published together with the finalised Common Modifications.

Keel: en
Alusdokumendid: prEN IEC 60115-2:2024/prAA:2024
Muudab dokumenti: prEN IEC 60115-2:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 60115-2-10:2024

Fixed resistors for use in electronic equipment - Part 2-10: Blank detail specification: Low-power film resistors with leads for through-hole assembly on circuit boards (THT), for general electronic equipment, classification level G

This part of IEC 60115 is applicable to leaded fixed low-power film resistors for use in electronic equipment and is applicable to the drafting of detail specifications for leaded fixed low-power film resistors classified to level G, which is defined in IEC 60115-1:2020, 3.4 for general electronic equipment, typically operated under benign or moderate environmental conditions, where the major requirement is function. Examples for level G include consumer products and telecommunication user terminals. The resistors covered herein are classified to level G, as defined in IEC 60115-1:2020, 3.4 for general electronic equipment, typically operated under benign or moderate environmental conditions, where the major requirement is function. Examples for level G include consumer products and telecommunication user terminals. Since the documents of the 60115-X series are exempted from the parallel procedure (D162/C089), this New Work Item Proposal aims to endorse the main IEC document IEC 60115-2-10:2023 as a European standard. The standard shall be published together with the finalised Common Modifications.

Keel: en
Alusdokumendid: IEC 60115-2-10:2023; prEN IEC 60115-2-10:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 60115-2-10:2024/prAA:2024

Fixed resistors for use in electronic equipment - Part 2-10: Blank detail specification: Low-power film resistors with leads for through-hole assembly on circuit boards (THT), for general electronic equipment, classification level G

This part of IEC 60115 is applicable to leaded fixed low-power film resistors for use in electronic equipment and is applicable to the drafting of detail specifications for leaded fixed low-power film resistors classified to level G, which is defined in IEC 60115-1:2020, 3.4 for general electronic equipment, typically operated under benign or moderate environmental conditions, where the major requirement is function. Examples for level G include consumer products and telecommunication user terminals. The resistors covered herein are classified to level G, as defined in IEC 60115-1:2020, 3.4 for general electronic equipment, typically operated under benign or moderate environmental conditions, where the major requirement is function. Examples for level G include consumer products and telecommunication user terminals. This detail specification is based upon the blank detail specification IEC 60115-2-10:202X. This detail specification establishes test schedules and performance requirements permitting the quality assessment of the resistors covered herein according to the quality assessment procedures prescribed by IEC 60115-1:2020, Annex Q.

Keel: en

Alusdokumendid: prEN IEC 60115-2-10:2024/prAA:2024
Muudab dokumenti: prEN IEC 60115-2-10:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 60115-4:2024

Fixed resistors for use in electronic equipment - Part 4: Sectional specification: Power resistors for through hole assembly on circuit boards (THT) or for assembly on chassis

This part of IEC 60115 is applicable to fixed power resistors for use in electronic equipment. This standard relates to resistors having a rated dissipation typically greater than 1W up to and including 1000W for use in electronic equipment. This standard is applicable to fixed power resistors with a maximum surface temperature (MET) higher than the preferred upper category temperature (UCT) of 200°C. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. The resistive element of these resistors is typically - protected by a conformal lacquer coating or - cement coating or - vitreous enamel or - a ceramic body or - any other housing, which is to be described in the relevant specification. The electrical connection of these resistors is typically achieved by means of - lead wire terminations or - punched terminals or lug terminals or - push on terminals or - screw terminals or - any other termination, which is to be described in the relevant specification In special cases, a heat sink may be applicable but not mandatory. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor. 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. Since the documents of the 60115-X series are exempted from the parallel procedure (D162/C089), this New Work Item Proposal aims to endorse the main IEC document IEC 60115-4:2022 as a European standard. The standard shall be published together with the finalised Common Modifications.

Keel: en
Alusdokumendid: prEN IEC 60115-4:2024; IEC 60115-4:2022
Asendab dokumenti: EVS-EN 140200:2002

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 60115-4:2024/prAA:2024

Fixed resistors for use in electronic equipment - Part 4: Sectional specification: Power resistors for through hole assembly on circuit boards (THT) or for assembly on chassis

This part of IEC 60115 is applicable to fixed power resistors for use in electronic equipment. This standard relates to resistors having a rated dissipation typically greater than 1W up to and including 1000W for use in electronic equipment. This standard is applicable to fixed power resistors with a maximum surface temperature (MET) higher than the preferred upper category temperature (UCT) of 200°C. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. The resistive element of these resistors is typically - protected by a conformal lacquer coating or - cement coating or - vitreous enamel or - a ceramic body or - any other housing, which is to be described in the relevant specification. The electrical connection of these resistors is typically achieved by means of - lead wire terminations or - punched terminals or lug terminals or - push on terminals or - screw terminals or - any other termination, which is to be described in the relevant specification In special cases, a heat sink may be applicable but not mandatory. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor. 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: prEN IEC 60115-4:2024/prAA:2024
Muudab dokumenti: prEN IEC 60115-4:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 61076-2-118:2024

Circular connectors - Detail specification for shielded and unshielded, free and fixed connectors with bayonet-locking size b12, b17, b23 and b40, for power, signal and data transmission

This part of IEC 61076 specifies circular connectors with size B12, B17, B23 and B40 with bayonet-locking, typically used for power, signal and data transmissions in industrial applications. These connectors consist of fixed and free connectors either rewirable or non-rewirable. Power contacts of male connectors are round contacts with Ø 1 mm, Ø 1,5 mm, Ø 1,8 mm, Ø 2,25 mm and Ø 4 mm, with current ratings up to 64 A per pole and rated voltage of 50 V, 300 V or 600 V AC/DC. Power contact groups are classified by type and identified throughout this document as “P” followed by two digits “01” through “09” (see 4.3, Table 1). Signal contacts of male connectors are round contacts with Ø 1 mm and Ø 1,8 mm, with current ratings up to 20 A per pole and rated voltage of 50 V AC/DC. Signal contact groups are classified by type and identified throughout this document as “S” followed by “0”, “1”, or “2” (see 4.3, Table 2). Data contacts of male connectors are round contacts with Ø 0,8 mm and Ø 1 mm, with current ratings up to 8 A and rated voltage of 50 V AC/DC, Data transmission performance with frequencies up to 600 MHz. Data modules are classified by type and identified throughout this standard as “D” followed by “1”, or “2” (see 4.3, Table 3). Besides the size of their bayonet locking (B12, B17, B23 or B40), connectors according to this document can be identified by data module (D) and complementing power (P) and signal (S) contact groups and optionally by number of poles, and finally by their application. These connectors are designated for two main target applications, which differ as follows: • Application A is for data transmission with power over data • Application B is for data transmission without power over data Connectors with power, signal and data contacts of the same gender are intended to transmit also power over the data contacts (application A), while connectors with data contacts not of the same gender of power and signal contacts are not intended to transmit power over the data contacts (application B). The codings provided by this document prevent the mating to any other connector with similary sized interfaces covered by this

document. NOTE: B indicates that the connector is equipped with bayonet locking, while 12, 17, 23, 40 are the approximate dimensions in millimetres of the contact carrier diameter of these circular connectors.

Keel: en
Alusdokumendid: 48B/3118/CDV; prEN IEC 61076-2-118:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN IEC 61189-3-302:2024

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 3-302: Detection of plating defects in unpopulated circuit boards by computed tomography (CT)

This document describes a method for the detection of plating defects in unpopulated circuit boards using computed tomography (CT) . This document is applicable to non-destructive testing of metallized holes.

Keel: en
Alusdokumendid: 91/1973/CDV; prEN IEC 61189-3-302:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

33 SIDETEHNIKA

EN IEC 55016-1-1:2019/prA1:2024 (Frag 2)

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus. Amendment 1 - Fragment 2: Discontinuous Analyzers

Amendment to EN IEC 55016-1-1:2019 (fragment 2)

Keel: en
Alusdokumendid: CIS/A/1435/CDV; EN IEC 55016-1-1:2019/prA1:2024 (Frag 2)
Muudab dokumenti: EVS-EN IEC 55016-1-1:2019

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 300 395-2 V1.3.2

TETRA and Critical Communications Evolution (TCCE); Speech codec for full-rate traffic channel; Part 2: TETRA codec

The present document contains the full specification of the speech codecs for use in the Terrestrial Trunked Radio (TETRA) system. The TETRA codec specified in clauses 4 to 8 is mandatory for all TETRA mobiles and networks. The AMR codec specified in clauses 9 to 12 is optional. If the AMR codec is implemented, all clauses from 9 to 12 applies.

Keel: en
Alusdokumendid: Draft ETSI EN 300 395-2 V1.3.2

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 302 729-1 V3.0.0

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. Taseme sondeerimisseadmed (LPR), mis töötavad sagedusvahemikus 6 GHz kuni 8,5 GHz, 24,05 GHz kuni 26,5 GHz, 57 GHz kuni 64 GHz, 75 GHz kuni 85 GHz, rangelt vertikaalselt allapoole paigaldamiseks
Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised standard for access to radio spectrum; Part 1: Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8,5 GHz, 24,05 GHz to 26,5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz for strictly vertical downward installation

The present document specifies technical requirements, limits and test methods for Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8,5 GHz, 24,05 GHz to 26,5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz for strictly vertical downward installation in outdoor as well as indoor environments. Level Probing Radars in the scope of the present document consist of a combined transmitter and receiver and are equipped with an integral or dedicated antenna provided also by the EUT manufacturer. EUTs intended to be equipped with antennas from third-party manufacturers are not covered by the scope of the present document. LPR equipment and the related categorization is further specified in clause 4.2. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 302 729-1 V3.0.0

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 305 550-6 V1.1.0

Lähitoimeseadmed (SRD), mida kasutatakse 40 GHz kuni 260 GHz sagedusvahemikus; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 6. Spetsiifilised raadiotuvastuse rakendused - mahutite taseme sondeerimisseadmed (TLPR) ja taseme sondeerimisseadmed (LPR), mis töötavad sagedusvahemikes 116 GHz kuni 148,5 GHz; 167 GHz kuni 182 GHz ja 231,5 GHz kuni 250 GHz

Short Range Devices (SRD) to be used in the 40 GHz to 260 GHz frequency range; Harmonised Standard for access to radio spectrum; Part 6: Specific radiodetermination applications - Tank Level Probing Radar (TLPR) and Level Probing Radar (LPR) equipment operating in the frequency ranges 116 GHz to 148,5 GHz; 167 GHz to 182 GHz and 231,5 GHz to 250 GHz

The present document specifies technical requirements, limits and test methods for SRD radiodetermination equipment using Ultra Wide Band technology (UWB) in the frequency ranges from 116 GHz to 148,5 GHz, from 167 GHz to 182 GHz, and from 231,5 GHz to 250 GHz for Level Probing Radar (LPR) and Tank Level Probing Radar (TLPR). Level Probing Radars and Tank Level Probing Radars consist of a combined transmitter and receiver and are equipped with an integral or dedicated antenna provided also by the EUT manufacturer. EUTs intended to be equipped with antennas from third-party manufacturers are not covered by the scope of the present document. Furthermore, the present document is limited to LPR and TLPR devices with FMCW modulation (see clause C.2.2 of ETSI EN 303 883-1). Further details of the covered LPR and TLPR EUT can be found in clause 4.2 of the present document. 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. NOTE 2: Equipment covered by the present document operates in accordance with clause 2.3 and clause 2.5 of ECC Decision(22)03 and the upcoming EC framework for UWB/SRDs for the range 116 GHz to 260 GHz, which is based on the results of ECC Report 334.

Keel: en
Alusdokumendid: Draft ETSI EN 305 550-6 V1.1.0

Arvamusküsitluse lõppkuupäev: 13.12.2024

35 INFOTEHNOLOOGIA

prEN ISO 16484-6

Building automation and control systems (BACS) - Part 6: Data communication conformance testing (ISO/FDIS 16484-6:2024)

This standard provides a comprehensive set of procedures for verifying the correct implementation of each capability claimed on a BACnet PICS including: (a) support of each claimed BACnet service, either as an initiator, executor, or both, (b) support of each claimed BACnet object-type, including both required properties and each claimed optional property, (c) support of the BACnet network layer protocol, (d) support of each claimed data link option, and (e) support of all claimed special functionality.

Keel: en
Alusdokumendid: ISO/FDIS 16484-6; prEN ISO 16484-6
Asendab dokumenti: EVS-EN ISO 16484-6:2020

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO/IEC 19896-1

Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel - Part 1: Overview and concepts (ISO/IEC DIS 19896-1:2024)

ISO/IEC 19896-1:2018 defines terms and establishes an organized set of concepts and relationships to understand the competency requirements for information security assurance conformance-testing and evaluation specialists, thereby establishing a basis for shared understanding of the concepts and principles central to the ISO/IEC 19896 series across its user communities. It provides fundamental information to users of the ISO/IEC 19896 series.

Keel: en
Alusdokumendid: ISO/IEC DIS 19896-1; prEN ISO/IEC 19896-1
Asendab dokumenti: EVS-EN ISO/IEC 19896-1:2023

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO/IEC/IEEE 26514

Süsteemi- ja tarkvaratehnika. Kasutajateabe kavandamine ja arendamine

Systems and software engineering — Design and development of information for users

See dokument käsitleb tarkvara kasutajateabe väljatöötusprotsessi teabe kavandajate ja väljatöötajate vaatenurgast. Dokument kirjeldab, kuidas selgitada välja, millist teavet vajavad kasutajad, kuidas määrata, mil viisil tuleks seda teavet kasutajatele esitada, ning kuidas seejärel teavet koostada ja teha seda kättesaadavaks. Esitatavad juhiseid ei piirdu siiski üksnes kavandamis- ja väljatöötusetapiga, vaid annavad teavet kavandamise kohta kõigis elutsükli etappides alustades kavandamisstrateegiast ja lõpetades kavandi hooldamisega. Dokumendis on esitatud nõuded tarkvara kasutajateabe struktuurile, sisule ja vormingule. See on kohaldatav järgmiste teabeliikide väljatöötusele, ehkki see ei kata kõiki nende aspekte: — mittetarkvaraliste toodete kasutajatele suunatud teave; — animatsiooni, videot ja heli kasutavad multimeediasüsteemid; — arvutipõhise koolituse (CBT) paketid ja erialased õppematerjalid, mis on mõeldud kasutamiseks eelkõige formaalsete koolitusprogrammide raames; — süsteemitarkvara sisemist toimimist kirjeldav hooldusteave; — kasutajaliidesesse endasse lõimitud kasutajateave. Dokument on suunatud teabearhitektidele ja teabe väljatöötajatele, sealhulgas mitmesugustele spetsialistidele: — teabearhitektid, kes

tegelevad teabetoodete struktuuri ja vormingu kavandamisega; — kasutatavuse spetsialistid ja ärianalüütikud, kes selgitavad välja ülesanded, mida kavandatavad kasutajad saavad tarkvara abil täita; — kasutajateabe kirjaliku sisu väljatöötajad ja toimetajad; — kujundajad, kes evivad eriteadmisi elektroonilisest meediast; — kasutajaliideste kavandajad ja ergonoomikaeksperdid, kes üheskoos kavandavad viise kuvateabe esitamiseks. Dokument on ühtlasi mõeldud teabeallikana kasutajateabe arendusprotsessis teisi rolle ja huvisid esindavatele inimestele: — tarkvaraarendusprotsessi või teabearendusprotsessi juhid; — tarnijate koostatava kasutajateabe hankijad; — kasutatavuse testijad, kasutajateabe läbivaatajad, valdkondade asjatundjad; — kasutajateabe loomiseks kasutatavate vahendite väljatöötajad; — inimfaktorite asjatundjad, kelle ülesanne on tuvastada põhimõtteid, mille rakendamine aitab muuta kasutajateavet hõlpsamini juurdepääsetavaks ja kasutatavaks.

Keel: en
Asendab dokumenti: EVS-ISO/IEC 18019:2008
Asendab dokumenti: EVS-ISO/IEC 6592:2002

Arvamusküsitluse lõppkuupäev: 13.12.2024

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 2480
Aerospace series - Steel FE-PL2108 (36NiCrMo16) - 1 250 MPa ≤ Rm ≤ 1 400 MPa - Bars - De ≤ 75 mm

This document specifies the requirements relating to: Steel FE-PL2108 (36NiCrMo16) 1 250 MPa ≤ Rm ≤ 1 400 MPa Bars De ≤ 75 mm for aerospace applications.

Keel: en
Alusdokumendid: prEN 2480
Asendab dokumenti: EVS-EN 2480:2008

Arvamusküsitluse lõppkuupäev: 13.12.2024

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 12882
Conveyor belts for general purpose use - Electrical and flammability safety requirements

This document specifies electrical and flammability safety requirements for general purpose conveyor belts not intended for use in underground installations and a means of categorizing conveyor belts in terms of the level of safety sought in their end use application. This document does not provide electrical safety requirements for volume resistance which may be measured by the methods in EN ISO 21178 and which is relevant to some types of light conveyor belts. This document is not applicable to conveyor belts which are manufactured before the date of publication of this document by CEN. NOTE 1 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 document. The present standard is not intended to provide means of complying with the essential health and safety requirements of Directive 94/9/EC, this being covered in EN 14973. NOTE 2 prEN 12882 is not a product standard but is intended to help users of conveyor belts to select the required electrical and flammability safety properties needed following a suitable risk assessment. No requirements are, therefore, included for marking, information to be supplied, etc., these matters being covered in relevant product standards such as EN ISO 14890 and EN ISO 1523-1.

Keel: en
Alusdokumendid: prEN 12882
Asendab dokumenti: EVS-EN 12882:2015

Arvamusküsitluse lõppkuupäev: 13.12.2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 11641
Leather - Tests for colour fastness - Colour fastness to perspiration (ISO/DIS 11641:2024)

ISO 11641:2012 specifies a method for determining the colour fastness to perspiration of leather of all kinds at all stages of processing. It applies particularly to gloving, clothing and lining leathers, as well as leather for the uppers of unlined shoes. The method uses an artificial perspiration solution to simulate the action of human perspiration. Since perspiration varies widely from one individual to the next, it is not possible to design a method with universal validity, but the alkaline artificial perspiration solution specified in ISO 11641:2012 will give results corresponding to those with natural perspiration in most cases.

Keel: en
Alusdokumendid: ISO/DIS 11641; prEN ISO 11641
Asendab dokumenti: EVS-EN ISO 11641:2012

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 11642
Leather - Tests for colour fastness - Colour fastness to water (ISO/DIS 11642:2024)

ISO 11642:2012 specifies a method for determining the colour fastness to water of leather of all kinds at all stages of processing.

Keel: en
Alusdokumendid: ISO/DIS 11642; prEN ISO 11642

Asendab dokumenti: EVS-EN ISO 11642:2012

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 17971

Textiles - Smart Textiles - Test method for fabric interface with capacitive touchscreens (ISO/DIS 17971:2024)

This document specifies a test method for determining the screen touch property of the textiles. The method is applicable to all types of fabrics which are intended to be used for products that could handle the screen.

Keel: en
Alusdokumendid: ISO/DIS 17971; prEN ISO 17971

Arvamusküsitluse lõppkuupäev: 13.12.2024

65 PÕLLUMAJANDUS

prEN 12525

Agricultural machinery - Front loaders - Safety

This document specifies safety requirements and their verification for the design and construction of front loaders designed to be mounted on agricultural and forestry tractors (as defined in the Regulation EU 167/2013). It deals with all significant hazards, hazardous situations and events relevant to front loaders when used as intended and under the conditions of misuse which are reasonably foreseeable. This includes hazards related to the handling of unit loads during operations (for example, using bale forks), hazards related to mounting/demounting the lifting arms to/from the frame mounted on the tractor, and also hazards related to devices for mounting/demounting attachments to/from the lifting arms. In addition, it specifies the type of information on safe working practices. Hazards related to the mounted attachments with or without powered functions are excluded, as well as hazards related to visibility and those related to the mobile elevating work platform applications to a front loader, because the front loader is not designed to lift and/or transport people. Front loaders with fully or partially self-evolving behaviour or logic and/or with varying levels of autonomy are also excluded. Environmental aspects, other than noise, have not been considered in this document. This document is not applicable to front loaders which are manufactured before the date of its publication as EN.

Keel: en
Alusdokumendid: prEN 12525
Asendab dokumenti: EVS-EN 12525:2000+A2:2010

Arvamusküsitluse lõppkuupäev: 13.12.2024

75 NAFTA JA NAFTATEHNOLOOGIA

prEVS-ISO 1171

Kivisüsi ja koks – tuhasuse määramine
Coal and coke – Determination of ash (ISO 1171:2024, identical)

See dokument määrab kindlaks kivisöe ja koksi tuhasuse määramise meetodi

Keel: en
Alusdokumendid: ISO 1171:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 8216-1

Naftast, sünteetilistest ja taastuvatest allikatest toodetud tooted – Kütused (klass F) klassifikatsioon – Osa 1: Laevakütuste klassifikatsioon
Products from petroleum, synthetic and renewable sources — Fuels (class F) classification — Part 1: Categories of marine fuels (ISO 8216-1:2024, identical)

See dokument määratleb laevakütuste üksikasjaliku klassifikatsiooni klassi F (kütused) piires. See on ette nähtud lugemiseks koos standardiga ISO 8216-99. MÄRKUS Kütuste klass F määratleti algselt osana ISO 8681-s toodud naftatoodete klassifitseerimise meetodist.

Keel: en
Alusdokumendid: ISO 8216-1:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS-ISO 8217

Naftast, sünteetilistest ja taastuvatest allikatest toodetud tooted - Kütused (klass F) klassifikatsioon – Laevakütuste spetsifikatsioonid
Products from petroleum, synthetic and renewable sources — Fuels (class F) — Specifications of marine fuels (ISO 8217:2024, identical)

Käesolev standard määratleb laevakütustele kehtestatavad üldised nõuded ja spetsifikatsiooni. Nõuded käsitlevad kütuste kasutamist laevade diiselmootorites ja kateldes, kütuste käitlemist (hoiustamist, setitamist, tsentrifuugimist, filtreerimist, soojendamist) enne pardal kasutamist. Termin „kütus“ hõlmab käesolevas dokumendis järgmisi tähendusi: — toornaftast,

õliliivadest, kildanaftast ja põlevkiviõlist toodetud süsivesinikud; — sünteetilistest, taastuvatest ja taaskasutatud toorainetest toodetud süsivesinikud, millede molekulaarstruktuur on eristamatu naftast toodetud süsivesinikest; — rasvhappe metüülestrid (FAME), kus lubatud vastavalt käesolevale dokumendile; — eelnevalt defineeritud süsivesinike segud, kus lubatud vastavalt käesolevale dokumendile. Käesolevas dokumendis kütustele sätestatud üldiseid nõudeid ja spetsifikatsioone võib rakendada ka statsionaarsetes diiselmootorites kasutatavatele sarnast tüüpi kütustele. Käesolev dokument defineerib seitse liiki destillaatkütuseid, milledest üks on hädaolukordades kasutatav diiselkütus. See dokument defineerib ka neli liiki jääkkütuseid väävlisisldusega alla 0,5%-i, viis liiki FAME sisaldusega jääkkütuseid ja viis liiki jääkkütuseid väävlisisldusega üle 0,5%-i.

Keel: en
Alusdokumendid: ISO 8217:2024

Arvamusküsitluse lõppkuupäev: 13.12.2024

79 PUIDUTEHNOLOOGIA

prEN 14354
Wood-based panels - Wood veneer floor coverings

This document defines terms and specifies requirements and test methods for wood veneer floor coverings for internal use. This document is not applicable to multilayer parquets according to EN 13489 with a top layer thickness ≥ 2,5 mm and to modular mechanical locked floor covering (MMF) panels with wear resistant top layer according EN 16511.

Keel: en
Alusdokumendid: prEN 14354
Asendab dokumenti: EVS-EN 14354:2017

Arvamusküsitluse lõppkuupäev: 13.12.2024

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 5659
Plastics - Smoke generation - Determination of optical density by a single-chamber test (ISO/DIS 5659:2024)

ISO 5659-2:2017 specifies a method of measuring smoke production from the exposed surface of specimens of materials or composites. It is applicable to specimens that have an essentially flat surface and do not exceed 25 mm in thickness when placed in a horizontal orientation and subjected to specified levels of thermal irradiance in a closed cabinet with or without the application of a pilot flame. This method of test is applicable to all plastics. It is intended that the values of optical density determined by this test be taken as specific to the specimen or assembly material in the form and thickness tested and are not to be considered inherent, fundamental properties. The test is intended primarily for use in research and development and fire safety engineering in buildings, trains, ships, etc. and not as a basis for ratings for building codes or other purposes. No basis is provided for predicting the density of smoke that can be generated by the materials upon exposure to heat and flame under other (actual) exposure conditions. This test procedure excludes the effect of irritants on the eye.

Keel: en
Alusdokumendid: ISO/DIS 5659; prEN ISO 5659
Asendab dokumenti: EVS-EN ISO 5659-2:2017

Arvamusküsitluse lõppkuupäev: 13.12.2024

91 EHITUSMATERJALID JA EHITUS

prEN 13084-6
Free-standing chimneys - Part 6: Steel liners - Design and execution

This document deals with special requirements and performance criteria for the design of lining systems made of steel for free standing chimneys. It specifies the requirements for cylindrical steel liners as stated in EN 13084 1. This document covers the design of the following three basic types of liners located in a load bearing structure: a) base supported liner; b) sectional liner; c) top hung liner. Additionally this document applies to single wall chimneys regarding their contact with flue gases. For simplicity, these various designs will generally be referred to herein as "liners". The mechanical requirement is not part of this document, for information see prEN 1993 3. NOTE Liners built from prefabricated metal chimneys in accordance with EN 1856 1:2009 and EN 1856 2:2009 are installed as base supported liners with additional supports and guides as defined in this document.

Keel: en
Alusdokumendid: prEN 13084-6
Asendab dokumenti: EVS-EN 13084-6:2015

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 13126-10
Building hardware - Hardware for windows and door-height windows - Requirements and test methods - Part 10: Arm-balancing systems

This document specifies requirements and test methods for durability, strength, security and function for arm-balancing systems for windows and door height windows.

Keel: en
Alusdokumendid: prEN 13126-10

Asendab dokumenti: EVS-EN 13126-10:2008

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 13126-11

Building hardware - Hardware for windows and door-height windows - Requirements and test methods - Part 11: Top hung projecting reversible hardware

This document specifies requirements and test methods for durability, strength, security and function for top hung projecting hardware for windows and door height windows. Note This document is applicable to top hung projecting reversible hardware whether fitted with integral restrictors or not. Where any restrictor is used it is intended to be tested in accordance with EN 13126-5.

Keel: en
Alusdokumendid: prEN 13126-11
Asendab dokumenti: EVS-EN 13126-11:2008

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 13126-12

Building hardware - Hardware for windows and door-height windows - Requirements and test methods - Part 12: Side hung projecting reversible hardware

This document specifies requirements and test methods for durability, strength, security and function for side hung projecting reversible hardware for windows and door height windows. Note This document is applicable to side hung projecting reversible hardware whether fitted with integral restrictors or not. Where any restrictor is used it is intended to be tested in accordance with EN 13126-5.

Keel: en
Alusdokumendid: prEN 13126-12
Asendab dokumenti: EVS-EN 13126-12:2008

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN ISO 16484-6

Building automation and control systems (BACS) - Part 6: Data communication conformance testing (ISO/FDIS 16484-6:2024)

This standard provides a comprehensive set of procedures for verifying the correct implementation of each capability claimed on a BACnet PICS including: (a) support of each claimed BACnet service, either as an initiator, executor, or both, (b) support of each claimed BACnet object-type, including both required properties and each claimed optional property, (c) support of the BACnet network layer protocol, (d) support of each claimed data link option, and (e) support of all claimed special functionality.

Keel: en
Alusdokumendid: ISO/FDIS 16484-6; prEN ISO 16484-6
Asendab dokumenti: EVS-EN ISO 16484-6:2020

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS 911

Ehituskonsultantide vabatahtliku vastutuskindlustuse lepingute sõlmimine ja sisu
Voluntary professional indemnity guidelines for consulting engineering

See Eesti standard käsitleb — vabatahtliku vastutuskindlustuse olemust; — ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu sõlmimist. Seejuures antakse selle standardiga soovitused, millest oleks kindlustusvõtjal mõistlik lähtuda enda kindlustushuvile vastava kindlustuskaitse leidmisel, vabatahtliku vastutuskindlustuse kindlustusandja valimisel ning sõlmitava kindlustuslepingu tingimustega tutvumisel. Samuti antakse selles standardis soovitused, kuidas oleks mõttekas hankelepingutes sätestada nõudeid ehituskonsultantide vabatahtliku erialase vastutuskindlustuse osas; — ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu täitmist ning lõpetamist. Muu hulgas selgitatakse, millised on lepingupoolte peamised õigused ja kohustused. Standard ei ole kohaldatav ehitamise ja ehitusjuhtimise suhtes sõlmitud vastutuskindlustuse lepingutele.

Keel: et
Asendab dokumenti: EVS 911:2018

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEVS 920-7

Katuseehitusreeglid. Osa 7: Aluskatused
Rules for roof building - Part 7: Under-roofs

1.1. Käesolev standard käsitleb kaldkatuse aluskatuste kavandamist ning ehitamist enamlevinud katuse kattematerjalidega: - keraamilised ja tsementkatusekivid - looduskivi tükid ja plaadid - metallkatted (sh sile-, laine- ja profiilsed plaadid) - kiudtsement plaadid (sh sile-, laineplaadid) - bituumensindel ja - laineplaadid - puitkatused (sh puitsindel, kimm, laast, laud, lõhandi, jne) - roo- ja õlgkatused - plastist tükid ja plaadid sh polükarbonaat laineplaadid - integreeritud ja mitteintegreeritud päikeseenergiaga katusekatte süsteemid - sünteetilised rullmaterjalid (sh PVC, EVAC, FPO, TPO, EPDM, PIB, jne) - rohekatused (greenroof) - jne. 1.2. Käesolev standard käsitleb aluskatuseid järgnevate aluskatte materjalidega: - polümeerbituumen membraanid (SBS, APP, jne) - sünteetilised rullmaterjalid (sh PVC, EVAC, FPO, TPO, EPDM, PIB, jne) - kõrgdifuussed membraanid - madaldifuussed

kiled - aluskatte plaadid 1.3. Eraldi juhendmaterjalides ja standardites käsitletakse järgmisi aluskatuse puutuvaid ehitustooted ja materjale: - roovimaterjalid (metall-, plast-, puitroovid) - puidupõhised plaadid - katuse kandetarindite materjalid (puit, metall, betoon) - kinnitusvahendid, -tarvikud ja -elemendid - räästa- ja harjatuulutus tooted, tuulutusklapid, -võrgud, -restid, -korstnad. 1.4. See standard määrab nõuded toodetele ja paigalduslahendustele nende kasutamiseks tavalistes ekspluatatsioonitingimustes ettemääratud minimaalseks tööeaks.

Keel: et

Arvamusküsitluse lõppkuupäev: 13.11.2024

93 RAJATISED

prEVS 911

Ehituskonsultantide vabatahtliku vastutuskindlustuse lepingute sõlmimine ja sisu
Voluntary professional indemnity guidelines for consulting engineering

See Eesti standard käsitleb — vabatahtliku vastutuskindlustuse olemust; — ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu sõlmimist. Seejuures antakse selle standardiga soovitused, millest oleks kindlustusvõtjal mõistlik lähtuda enda kindlustushuvile vastava kindlustuskaitse leidmisel, vabatahtliku vastutuskindlustuse kindlustusandja valimisel ning sõlmitava kindlustuslepingu tingimustega tutvumisel. Samuti antakse selles standardis soovitused, kuidas oleks mõttekas hankelepingutes sätestada nõudeid ehituskonsultantide vabatahtliku erialase vastutuskindlustuse osas; — ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu täitmist ning lõpetamist. Muu hulgas selgitatakse, millised on lepingupoolte peamised õigused ja kohustused. Standard ei ole kohaldatav ehitamise ja ehitusjuhtimise suhtes sõlmitud vastutuskindlustuse lepingutele.

Keel: et
Asendab dokumenti: EVS 911:2018

Arvamusküsitluse lõppkuupäev: 13.12.2024

97 OLME. MEELELAHUTUS. SPORT

EN 12983-2:2023/prA1

Cookware - Domestic cookware for use on top of a stove, cooker or hob - Part 2: General requirements for ceramic cookware and glass lid

This document specifies safety and performance requirements of domestic ceramic and glass ceramic cookware for use on top of a stove, cooker or hob. This document envisages that oven top applications for ceramic utensils involve all or specific parts of the cooking operation, for example, the browning of meat, where the remainder of the cooking can be completed in an oven or on top of the stove. NOTE Requirements for suitability for use with induction hobs are in the process of being compiled.

Keel: en
Alusdokumendid: EN 12983-2:2023/prA1
Muudab dokumenti: EVS-EN 12983-2:2023

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 16781

Textile child care articles - Safety requirements and test methods for children's sleep bags for use in a cot

This document specifies requirements for the safety of children's sleep bags which are used in the children's domestic sleeping environment (i.e. not under supervision) and designed to provide sufficient warmth so as to remove the need for additional bedding when sleeping in a cot or similar product (e.g. crib/cradle) in which a child is contained. It is applicable to products for use by children up to the age of 24 months. NOTE The informative Annex F lists topics of further investigations, which might lead to necessary improvement of the safety requirements of children's sleep bags. This document does not apply to products - designed for use during the care of premature children, or - designed for children of low birth weight (i.e. 2,5 kg - see B.1), or - for use by children who have the ability to climb out of a cot, or - for use by children when sleeping in a bed, or - for outdoor use or to products designed to keep a child warm in a pushchair or car seats (e.g. foot muff). If a part of the children's sleep bag is designed to offer additional function (e.g. play function), this part will, in addition to the following requirements, be subjected to safety requirements related to relevant standards (see B.1).

Keel: en
Alusdokumendid: prEN 16781
Asendab dokumenti: EVS-EN 16781:2018

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 18135

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular Economy - Floor coverings and underlays passport

This document specifies the minimum and optional content of the product passport and the unified code (definition of symbols, abbreviated terms, ...) relating to the identification of floor coverings and underlays excluding their packaging necessary for the implementation of a circular economy. The intended use of this document is to provide information that allows different stakeholders to assess floor coverings and underlays on product content, environmental information, reuse, and/or recycling potential.

Keel: en
Alusdokumendid: prEN 18135

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 581-2

Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 2: Mechanical safety requirements and test methods for seating

This document specifies the minimum requirements for the safety, strength and durability of all types of outdoor seating for adults, without regard to materials, design/construction or manufacturing processes. It does not apply to street furniture. It does not include requirements for removable upholstery, including the cover and filling. It does not include requirements for the durability of castors/wheels and height adjustment mechanisms. It does not include requirements for electrical safety. It does not include requirements for the resistance to ageing and degradation caused by light, temperature and moisture. The test requirements contained within this document are based on use by persons weighing up to 110 kg. The document has 4 annexes: - Annex A (normative) Test methods for finger entrapment; - Annex B (normative) Additional test method for deckchair; - Annex C (informative) Additional test for folding lounger; - Annex D (informative) Purchase information (guidelines).

Keel: en
Alusdokumendid: prEN 581-2
Asendab dokumenti: EVS-EN 581-2:2015
Asendab dokumenti: EVS-EN 581-2:2015/AC:2016

Arvamusküsitluse lõppkuupäev: 13.12.2024

prEN 581-3

Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 3: Mechanical safety requirements for tables

This document specifies requirements for the safety, strength durability and stability of all types of outdoor tables for use by adults, including those with glass in their construction. It does not apply to street furniture. It does not apply to office, worktables and desks and tables and laboratory worktops for educational institutions for which other EN standards exist. With exception of the stability tests, this standard does not provide assessment of the suitability of any storage features included in outdoor 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 581-3
Asendab dokumenti: EVS-EN 581-3:2017

Arvamusküsitluse lõppkuupäev: 13.12.2024

TÕLKED KOMMENTEERIMISEL

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

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

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

EVS-EN 10348:2024

Teras betooni sarrustamiseks. Tsingitud sarruseterastooted

See dokument määrab kindlaks nõuded kuumtsingitud sarruseterasele toodete kujul, mis vastavad standardi EN 10080 nõuetele ja mida vajaduse korral töödeldakse edasi, nt. vardad, painutatud vardad, klambrid, rullidest sirgestatud tooted, varrastest lõigatud tooted, keeviskonstruktsioonid ja mis tahes muud komponendid, mis on valmistatud betooni sarrustamiseks. See dokument ei kehti eelpingestamiseks mõeldud kuumtsingitud sarruse ega nende sarruse komponentide kohta.

Keel: et
Alusdokumendid: EN 10348:2024

Kommenteerimise lõppkuupäev: 13.11.2024

EVS-EN 12255-13:2023

Reoveepuhastid. Osa 13: Keemiline puhastamine. Reovee puhastamine sadestamise ja flokulatsiooni teel

See dokument määratleb nõuded reovee keemilisele puhastamisele fosforist ja heljumist sadestamise ja flokulatsiooni teel. Polümeeride kasutamist dokumendis ei kirjeldata. Dokumendis ei ole püütud määratleda kõiki olemasolevaid meetodeid. MÄRKUS Keemiline puhastamine võib toimuda koos esimese ja sagedamini koos teise astme puhastusega, kuid seda võib läbi viia ka eraldiseisva kolmanda astme puhastusena, tavaliselt koos filtreerimisega (vt EN 12255-16). Keemiline puhastamine võib anda potentsiaalse panuse ringmajandusse selliste materjalide nagu fosfori taa-skasutusele võtmise kaudu reoveest või reoveesettest.

Keel: et
Alusdokumendid: EN 12255-13:2023

Kommenteerimise lõppkuupäev: 13.11.2024

EVS-EN 13231-1:2023

Raudteealased rakendused. Rööbastee. Tööde vastuvõtmine. Osa 1: Tööd ballastiga pealisehitisel. Sirge rööbastee, pöörmed ja ristmed

See dokument määratleb tehnilised nõuded ja piirhälbed ballastiga rööbastee tööde vastuvõtmiseks, mis toimuvad: — sirgel rööbasteel; — pöörmetel ja ristmetel; ja — rööpa kompensaatoritel 1 435 mm ja laiema rööpmelaiusega rööbasteedel. Ballastiga rööbastee tööd, edaspidi tekstis nimetatud rööbastee tööd, hõlmavad uue rööbastee ehitamist, olemasoleva rööbastee uuendamist ja hooldust. See dokument määratleb nõuded muldkeha töödele, rööbastee geomeetriale, rööbastee absoluutsele asendile, teemasinate tööparameetritele, rööbastee komponentidele, ballasti ristlõikele, ehitusgabariidile, rööbaste pingevabastustöödele, pöörmete ja ristmete ning rööpa kompensaatorite mõõdistamisele, mõõtesüsteemidele, vastuvõtmise valideerimistele ja kontrollidele. Samuti määratleb vastutuse ja dokumentatsiooni rööbastee tööde vastuvõtmisel. See dokument nõuab ka kõigi rööbastee materjalide vastavust kliendi määratud asjakohastele vastuvõtukriteeriumidele ja tarnija esitatud spetsifikatsioonidele. See dokument ei hõlma rööpapea ümberprofiilimisega seotud töid või sellega seotud mõõtmisi, välja arvatud mõned ohutuse tagamisega seotud mõõtmised, sest need on kaetud seeria EN 13231 standardi teiste osadega. Ooteplatvormide ja raudteeületuskohtade rekonstrueerimistööd ei hõlma seda dokumenti. Käesolev dokument ei kehti linnaraudtee süsteemidele ega ballastita rööbasteedele

Keel: et
Alusdokumendid: EN 13231-1:2023

Kommenteerimise lõppkuupäev: 13.11.2024

EVS-EN ISO 13920:2023

Keevitus. Keeviskonstruktsioonide üldtolerantsid. Pikkuste ja nurkade väärtused. Kuju ja asendid

Käesolev dokument määratleb üldtolerantsid keeviskonstruktsioonide joon- ja nurkmõõtmetele ning kujule ja asendile nelja tolerantsiklassi järgi, mis põhinevad tavapärasel töökoja täpsusel. Konkreetse tolerantsiklassi valiku peamine kriteerium põhineb funktsionaalsetel nõuetel, mida tuleb täita. Alati tuleb kasutada tolerantse, mis on määratud joonisel. Individuaalsete tolerantside määramise asemel võib kasutada tolerantsiklasse vastavalt käesolevale dokumendile. Käesolevas dokumendis määratletud joonmõõtmete, nurgamõõtmete ning kuju ja asendi üldtolerantse rakendatakse keeviskoostude, keevissõlmede, keeviskonstruktsioonide jms jaoks. Keeruliste konstruktsioonide korral võivad vajalikuks osutuda erisätted. Käesolevas dokumendis toodud spetsifikatsioonid põhinevad standardi ISO 8015 sõltumatuse põhimõttel, mille järgi mõõtmete ja geomeetria tolerantse kasutatakse teineteisest sõltumata. Tootmise dokumentatsiooni, milles joonmõõtmed ja nurgamõõtmed või viited kujule ning asendile on esitatud ilma individuaalsete tolerantsideta, tuleb pidada mittetäielikuks, kui seal ei ole või on mitteadekvaatselt viidatud üldistele tolerantsidele. See ei rakendu ajutistele mõõtmetele.

Keel: et
Alusdokumendid: ISO 13920:2023; EN ISO 13920:2023

Kommenteerimise lõppkuupäev: 13.11.2024

EVS-EN ISO 16032:2024

Akustika. Hoonete tehnoseadmetest ja hoones toimuvast tegevusest tuleneva helirõhutaseme mõõtmine. Insenertehniline meetod (ISO 16032:2024)

See dokument määratleb hoonete tehnoseadmete ruumide helirõhutaseme mõõtmise insenertehnilise meetodi. Täpsemalt hõlmab dokument sanitaarseadmetest, mehaanilisest ventilatsioonist, kütte- ja jahutusseadmetest, liftidest, prügišahtidest, kütteseadmetest, puhuritest, pumpadest ja muudest abiseadmetest ning mootoriga käitatavatest garaažiustest tuleneva heli mõõtmisi. Dokumenti saab rakendada ka muud tüüpi seadmetest või hoonesisestest tegevustest, nt spordirajatistest või restoranidest tuleneva müra mõõtmiseks. Selles dokumendis ei käsitleta hoones õhu- või maapinna müra tekitavate väliste heliallikate müra mõõtmist. Meetodid sobivad ruumidele kubatuuriga ligi 300 m3 või vähem, nt eluhoonetes, hotellides, koolides, kontorites ja haiglates. Meetodid pole ette nähtud suurte auditooriumide või kontserdisaalide mõõtmiseks.

Keel: et
Alusdokumendid: ISO 16032:2024; EN ISO 16032:2024

Kommenteerimise lõppkuupäev: 13.11.2024

HD 60364-7-708:2017/prAA:2020

Madalpingelised elektripaigaldised. Osa 7-708: Nõuded eripaigaldistele ja -paikadele. Sõidukelamuväljakud, kämpinguväljakud ja muud samalaadsed paigad

HD 60364-7-708:2017 muudatus

Keel: et
Alusdokumendid: HD 60364-7-708:2017/prAA:2020

Kommenteerimise lõppkuupäev: 13.11.2024

prEVS-EN 13480-1

Metallist tööstustorustik. Osa 1: Üldist

See dokument määrab kindlaks tööstuslike torustikusüsteemide ja nende tugede, sealhulgas ohutussüsteemide, nõuded, mis on valmistatud metallmaterjalidest, et tagada ohutu töö. See dokument on kohaldatav maapealsetele, kanaliseeritud või maa-alustele metalltorustikele, sõltumata rõhust. See dokument ei ole kohaldatav: — Torujuhtmetele ja nende lisaseadmetele; — Veevoolusüsteemidele, nagu survetorud, survetunnelid ja hüdroelektrijaamade survetornid ning nendega seotud spetsiifilised lisaseadmed; — Sõidukite torustikele, mis on hõlmatud EÜ tüübikinnitusmenetlustega, nagu on sätestatud direktiivides 70/156/EMÜ [1], 74/150/EMÜ [2] ja 92/61/EMÜ [3]; — Spetsiaalselt tuumaenergia kasutamiseks mõeldud toodetele, mille rike võib põhjustada radioaktiivsuse eraldumist; — Nafta-, gaasi- või geotermaalenergia uurimise ja kaevandamise tööstuses ning maa-aluses ladustamises kasutatavale kaevukontrolliseadmetele, mis on ette nähtud kaevusurve hoidmiseks ja/või kontrollimiseks, sealhulgas torustik; — Kõrgeahjude torustikele, sealhulgas ahju jahutusele, kuuma õhu soojusvahetitele, tolmu kogujatele ja kõrgeahju heitgaaside pesuritele, samuti otsese redutseerimise kupolitele, sealhulgas ahju jahutusele, gaasi konverteritele ja vaakumahjudele ning terase ja värviliste metallide sulatamiseks, ümbersulatamiseks, gaaside eemaldamiseks ja valamiseks mõeldud paakidele; — Kõrgepinge elektriseadmete, nagu lülitusseadmete, juhtimisseadmete ja trafode ümbristele; — Survestatud torudele, mis on ette nähtud elektri- ja telefonikaablite edastussüsteemide hoidmiseks; — Püsivalt paigaldatud torustikele laevadel, rakettidel, lennukitel ja mobiilsetel avamereseadmetel; — Meditsiiniseadmete sisetorustikele, nagu on sätestatud direktiivis 93/142/EMÜ [4] meditsiiniseadmete kohta; — Katelde sisetorustikele ja surveseadmete sisseehitatud torustikele.

Keel: et
Alusdokumendid: EN 13480-1:2024

Kommenteerimise lõppkuupäev: 13.11.2024

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 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: 13.11.2024

EVS 812-8:2018

Ehitiste tuleohutus. Osa 8: Kõrghoonete tuleohutus
Fire safety of constructions - Part 8: Fire safety of high-rise buildings

Selles Eesti standardis käsitletakse kõrghoonete tuleohutust, välja arvatud aatriumruumidega hooned.

Pikendamisküsitluse lõppkuupäev: 13.11.2024

EVS 940:2019

Põletatud põlevkivi plastitööstusele. Spetsifikatsioonid ja vastavuskriteeriumid
Burnt shale for the plastics industry. Specifications and conformity criteria

See Eesti standard kehtib termiliselt töödeldud põlevkivi või selle segu kohta, milles põlevkivi osakaal on vähemalt 70 % (edaspidi põletatud põlevkivi või BS). Põletatud põlevkivi kasutatakse plasti täitematerjalina. Põletatud põlevkivi koosneb klinkermineraalidest, vabast lubjast, dehüdratiseerunud kaltsiumsulfaadist ja eespool nimetatud komponentide osaliselt paakunud osakeste segust ning on oma peenuse põhjal jaotatud järgmisteks tooteklassideks: — plastic BS – F — plastic BS – M — plastic BS – C. Standard määrab kindlaks põletatud põlevkivi omadused, vajalikud katsemeetodid ning vastavushindamise korra.

Pikendamisküsitluse lõppkuupäev: 13.11.2024

EVS-ISO 562:2018

Kivisüsi, koks ja põlevkivi. Lenduvate ainete määramine
Hard coal, coke and oil shale. Determination of volatile matter (ISO 562:2010, modified)

See rahvusvaheline standard käsitleb lenduvate ainete määramist kivisöes [MOD], koksis ja põlevkivis[MOD]. Seda ei kohaldata pruunsöele ja ligniitidele.

Pikendamisküsitluse lõppkuupäev: 13.11.2024

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 60601-2-45:2011/A2:2024

Elektrilised meditsiiniseadmed. Osa 2-45: Erinõuded mammograafiliste röntgenseadmete ja mammograafiliste stereotaktiliste seadiste esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices

Eeldatav avaldamise aeg Eesti standardina 03.2025

EN ISO 22301:2019/A1:2024

Security and resilience - Business continuity management systems - Requirements - Amendment 1: Climate action changes (ISO 22301:2019/Amd 1:2024)

Eeldatav avaldamise aeg Eesti standardina 11.2024

EN ISO/IEC 27001:2023/A1:2024

Information security, cybersecurity and privacy protection - Information security management systems - Requirements - Amendment 1: Climate action changes (ISO/IEC 27001:2022/Amd 1:2024)

Eeldatav avaldamise aeg Eesti standardina 11.2024

EN 13480-1:2024

Metallist tööstustorustik. Osa 1: Üldist
Metallic industrial piping - Part 1: General

Eeldatav avaldamise aeg Eesti standardina 12.2024

EN 13480-2:2024

Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

Eeldatav avaldamise aeg Eesti standardina 12.2024

EN 1996-1-2:2024

Eurocode 6 - Design of masonry structures - Part 1-2: Structural fire design

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN 1996-2:2024

Eurocode 6 - Design of masonry structures - Part 2: Design considerations, selection of materials and execution

Eeldatav avaldamise aeg Eesti standardina 09.2027

EN 1997-1:2024

Eurocode 7 - Geotechnical design - Part 1: General rules

Eeldatav avaldamise aeg Eesti standardina 09.2027

prHD IEC 60364-7-701:2018

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja –paikadele Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Eeldatav avaldamise aeg Eesti standardina 04.2025

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 941-1:2024

Ehitustööde üldised kvaliteedinõuded. Osa 1: Kütte- ja jahutussüsteemid
General quality requirements for construction works. Part 1: Heating and cooling systems.

Selles Eesti standardis määratakse üldised tehnilised ja kvaliteedinõuded Eesti Vabariigis ehitatavatele ja rekonstrueeritavatele kütte- ja jahutussüsteemidele. Standardis kehtestatud nõudeid järgitakse nii projekteerimisel, ehitamisel kui ka süsteemide vastu võtmisel.

EVS-EN 10051:2024

Pidevalt kuumvaltsitud riba ja plaat/leht, mis on lõigatud süsinik- ja legeerterasest laiast ribast. Mõõtmete ja kujutolerantsid
Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape

See dokument määrab kindlaks mõõtmete ja kuju tolerantsid süsinik- ja legeerterastest pidevalt kuumvaltsitud katmata plaadile/lehele ja ribale, mille maksimaalne laius on 2200 mm ja paksus kuni 25 mm tabeli 1 kohaselt (vt ka lisa B). See dokument kehtib ka külmvaltsimiseks mõeldud kuumvaltsitud riba kohta. See dokument ei kehti — kuumvaltsitud ribale valtsitud laiusega w < 600 mm (vt standard EN 10048); — kuumvaltsitud mustriga ribaterasele ja laiast ribast lõigatud plaadile/lehele (vt standard EN 10363); — katmata või elektrolüütiliselt kaetud külmvaltsitud lehele ja ribale (vt standard EN 10131); — kuumsukelkaetud teraslehele ja -ribale (vt standard EN 10143); — roostevabadele terastele. Seda dokumenti saab kasutada ka terastele teistest standarditest, nagu näiteks laevaehitusterased.

EVS-EN 1253-2:2015

Kanalisatsiooni veeneelud hoonetes. Osa 2: Katuselehtrid ja vesilukuta põrandatrapid
Gullies for buildings - Part 2: Roof drains and floor gullies without trap

See Euroopa standard klassifitseerib hoonetes kasutamiseks mõeldud katuselehtrid ja vesilukuta põrandatrapid, annab juhised paigalduskohtadele ning määratleb nõuded ehitusele, projekteerimisele, toimivusele ja tehases valmistatud hoone katuselehtrite ja vesilukuta põrandatrappide (edaspidi põrandatrapid) märgistusele ning katsemeetoditele, olenemata äravoolusüsteemides kasutatavast materjalist. Kuigi selliseid katuselehtreid ja vesilukuta põrandatrappe kasutatakse tavaliselt vihma- ja reovee juhtimiseks, võivad need juhtida ka muud reovett, tingimusel, et ei kahjustata komponente või puudub tervisekahjustuse oht. See Euroopa standard ei kehti vesilukuga põrandatrappidele, mille vesiluku sügavus on vähemalt 50 mm, nagu määratletud standardis EN 1253-1.

EVS-EN 17468-2:2022

Tsementkiudtooted. Läbitõmbe- ja nihkekindluse määramine ning paindetugevuse arvutused. Osa 2: Profileeritud plaadid
Fibre-cement products - Determination of pull through and shear resistance and bending strength calculations - Part 2: Profiled sheets

See dokument määrab kindlaks katsemeetodid profileeritud tsementkiudplaatide läbitõmbekindluse (kinnitusvahendite pinge/surve katsetamine läbi plaatide) ja nihkekindluse katsetamiseks standardi EN 494 kohaselt. Tulemused kehtivad vaid tsementkiudtoote, mitte kogu kinnitussõlme kohta. See kehtib ainult tarnitud toodetele. Läbitõmbekindluse rakendusala on määratletud jaotises 7.6. Nihkekindluse rakendusala on määratletud jaotises 8.6. MÄRKUS Lamedate tsementkiudplaatide projekteerimiseks lõpprakenduses ei kuulu kinnituse purunemise või aluskonstruktsioonist väljatõmbamise tõrkerežiimid selle standardi käsitlusalasse. Need võivad muutuda otsustavaks ja neid tuleb katsetada või arvutada kinnituste projekteerimisstandardite kohaselt (näiteks eurokoodeks 3 terase, eurokoodeks 5 puidu ja eurokoodeks 9 alumiiniumist aluskonstruktsioonide puhul) ning võrrelda väljatõmbe- ja nihkekindluse tulemustega.

EVS-EN ISO 15611:2024

Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Eelneval keevituskogemusel põhinev kvalifitseerimine
Specification and qualification of welding procedures for metallic materials - Qualification based on previous welding experience (ISO 15611:2024)

See dokument annab vajalikku teavet, et selgitada standardis EN ISO 15607 toodud nõudeid keevitusprotseduuride kvalifitseerimiseks eelneva keevituskogemuse põhjal. Lisaks annab see kvalifitseerimise ulatuse. Selle dokumendi kasutamist võib piirata rakendusstandard või spetsifikatsioon.

EVS-EN ISO 41011:2024

Kinnisvarakeskkonna korraldus. Sõnavara
Facility management - Vocabulary (ISO 41011:2024)

See dokument esitab mõisted terminitele, mida kasutatakse kinnisvarakeskkonna korralduses.

EVS-EN ISO/IEC 17043:2023/A11:2024

Vastavushindamine. Üldnõuded tasemekatsetuste korraldajatele
Conformity assessment - General requirements for the competence of proficiency testing providers

Standardi EVS-EN ISO/IEC 17043:2023 muudatus.

EVS-EN ISO/IEC 17043:2023+A11:2024

Vastavushindamine. Üldnõuded tasemekatsetuste korraldajatele
Conformity assessment - General requirements for the competence of proficiency testing providers (ISO/IEC 17043:2023)

Selles dokumendis on määratletud üldnõuded tasemekatsetuste (PT) korraldajate kompetentsusele ja erapooletusele ning kõigi tasemekatseskeemide järjepidevale läbiviimisele. Seda dokumenti võib kasutada alusena spetsiifilistele tehnilistele nõuetele konkreetsetes rakendusvaldkondades. Tasemekatseskeemide kasutajad, reguleerivad asutused, organisatsioonid ja vastastikust hindamist kasutavad skeemid, akrediteerimisasutused ja teised saavad neid nõudeid tasemekatsetuste korraldajate kompetentsuse kinnitamiseks või tunnustamiseks kasutada.

EVS-ISO 21001:2018/A1:2024

Haridusasutused. Haridusasutuste juhtimissüsteemid. Nõuded koos kasutusjuhistega. Muudatus 1: Kliimameetmete muudatused
Educational organizations — Management systems for educational organizations — Requirements with guidance for use — Amendment 1: Climate action changes (ISO 21001:2018/Amd 1:2024, identical)

Standardi EVS-ISO 21001:2018 muudatus.

EVS-ISO 21001:2018+A1:2024

Haridusasutused. Haridusasutuste juhtimissüsteemid. Nõuded koos kasutusjuhistega
Educational organizations — Management systems for educational organizations — Requirements with guidance for use (ISO 21001:2018, identical + ISO 21001:2018/Amd 1:2024, identical)

Selles dokumendis spetsifitseeritakse nõuded haridusasutuse juhtimissüsteemile (HAJS) juhuks, kui selline organisatsioon a) peab näitama oma suutlikkust toetada kompetentsuse omandamist ja arendamist õpetamise, õppimise või uurimistöö kaudu; b) püüab suurendada õppurite, teiste kasusaajate ja personali rahulolu oma HAJS-i mõjusa rakendamise kaudu, sealhulgas süsteemi parendamise protsessid ning õppurite ja teiste kasusaajate nõuetele vastavuse tagamine. Kõik selle dokumendi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, mis kasutab õppekava kompetentsuse arendamise toetamiseks õpetamise, õppimise või uurimistöö kaudu selle tüübist, suurusest või osutamise meetodist sõltumata. Seda dokumenti saavad kohaldada haridusasutused suuremates organisatsioonides, kelle põhitegevus ei ole haridusteenuste osutamine, nagu erialast väljaõpet pakkuvad osakonnad. See dokument ei rakendu organisatsioonidele, mis ainult toodavad või valmistavad haridustooteid.

EVS-ISO 28000:2022/A1:2024

Turvalisus ja kerksus. Turvalisuse juhtimissüsteemid. Nõuded. Muudatus 1: Kliimameetmete muudatused
Security and resilience — Security management systems — Requirements — Amendment 1: Climate action changes (ISO 28000:2022/Amd 1:2024, identical)

Standardi EVS-ISO 28000:2022 muudatus.

EVS-ISO 28000:2022+A1:2024

Turvalisus ja kerksus. Turvalisuse juhtimissüsteemid. Nõuded
Security and resilience — Security management systems — Requirements (ISO 28000:2022, identical + ISO 28000:2022/Amd 1:2024, identical)

See dokument määrab kindlaks turvalisuse juhtimissüsteemi nõuded, sealhulgas tarneahelaga seotud aspektid. See dokument kehtib igat tüüpi ja suurusega organisatsioonidele (nt äriettevõtted, valitsus- või muud riigiasutused ja mittetulundusühingud), mis kavatsevad sisse seada, ellu viia, toimivana hoida ja parendada turvalisuse juhtimissüsteemi. See pakub terviklikku ja ühtset lähenemisviisi ning pole tööstus- ega sektorispetsiifiline. Seda dokumenti saab kasutada kogu organisatsiooni eluea jooksul ja seda saab kohaldada mis tahes tegevusele, nii sisemisele kui ka välisele, kõigil tasanditel.

EVS-ISO 35001:2020/A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus. Muudatus 1: Kliimameetmete muudatused

Biorisk management for laboratories and other related organisations — Amendment 1: Climate action changes (ISO 35001:2019/Amd 1:2024, identical)

Standardi EVS-ISO 35001:2020 muudatus.

EVS-ISO 35001:2020+A1:2024

Laborite ja teiste vastavate organisatsioonide bioriskihaldus

Biorisk management for laboratories and other related organisations (ISO 35001:2019, identical + ISO 35001:2019/Amd 1:2024, identical)

See dokument määratleb protsessi, et identifitseerida, kaalutleda, ohjata ja seirata ohtlike bioloogiliste materjalidega seotud riske. See dokument on rakendatav igas laboris või muus organisatsioonis, mis käitleb, säilitab, transpordib ja/või utiliseerib ohtlikke bioloogilisi materjale. See dokument on mõeldud toetama olemasolevaid laborite rahvusvahelisi standardeid. See dokument ei ole mõeldud laboritele, mis analüüsivad mikroorganismide ja/või toksiinide olemasolu toidus või loomasöödas. Dokument ei ole mõeldud põllumajanduses geneetiliselt muundatud saagi kasutamist puudutavate riskide haldamiseks.

EVS-ISO 37001:2018/A1:2024

Altkäemaksuvastased juhtimissüsteemid. Nõuded koos kasutusjuhistega. Muudatus 1: Kliimameetmete muudatused

Anti-bribery management systems — Requirements with guidance for use - Amendment 1: Climate action changes (ISO 37001:2016/Amd 1:2024, identical)

Standardi EVS-ISO 37001:2018 muudatus.

EVS-ISO 37001:2018+A1:2024

Altkäemaksuvastased juhtimissüsteemid. Nõuded koos kasutusjuhistega

Anti-bribery management systems — Requirements with guidance for use (ISO 37001:2016, identical + ISO 37001:2016/Amd 1:2024, identical)

ISO 37001 täpsustab nõudeid ja juhendab altkäemaksuvastase juhtimissüsteemi sisseseadmist, elluviimist, toimivana hoidmist ja järjepidevat parendamist. Süsteem võib olla eraldiseisev või lõimitud üldisesse juhtimissüsteemi. Selles standardis käsitletakse organisatsiooni tegevust järgmistes aspektides:— altkäemaks avalikes, era- ja mittetulundussektorites, — organisatsioonipoolne altkäemaks, — altkäemaks organisatsiooni töötajate poolt, kes tegutsevad organisatsiooni nimel või selle kasuks, — altkäemaks organisatsiooni äripartnerite poolt, kes tegutsevad organisatsiooni nimel või selle kasuks, — organisatsiooni altkäemaks, — organisatsiooni tegevusega seotud altkäemaks organisatsiooni töötajatelt, — organisatsiooni tegevusega seotud altkäemaks organisatsiooni äripartneritelt, — otsene ja kaudne altkäemaks (nt altkäemaks, mida pakutakse või aktsepteeritakse kolmanda osapoole kaudu või mida pakub/aktsepteerib kolmas osapool).ISO 37001 kehtib ainult altkäemaksu kohta. See esitab juhtimissüsteemi nõuded ja annab juhised, mille eesmärk on aidata organisatsioonil altkäemaksu ennetada, tuvastada ja juhtumitele reageerida ning olla vastavuses altkäemaksuvastaste seadustega ja vabatahtlike kohustuste võtmisega nende tegevuste suhtes. See standard ei käsitle pettusi, kartelle ja muid konkurentsivastaseid rikkumisi, rahapesu või muid tegevusi, mis on seotud korruptiivsete tegevustega, kuigi organisatsioon võib valida juhtimissüsteemi käsitlusala laiendamise, et hõlmata ka selliseid tegevusi..ISO 37001 nõuded on üldised ja mõeldud kasutamiseks kõikidele organisatsioonidele (või organisatsiooni osadele), olenemata tegevuse tüübist, suurusest ja olemusest ning sellest, kas tegemist on avaliku, era- või mittetulundussektoriga. Altkäemaksuriski ennetamiseks, tuvastamiseks ja vähendamiseks vajalikud meetmed võivad olla erinevad meetmetest, mida organisatsioonid on kasutanud altkäemaksu ärahoidmiseks, tuvastamiseks ja juhtumitele reageerimiseks organisatsiooni poolt. Abiks standardi rakendamisel on https://www.evs.ee/et/iso-37001-2016-anti-bribery-management-systems-a-practical-guide

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 10051:2024	Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape	Pidevalt kuumvaltsitud riba ja plaat/leht, mis on lõigatud süsinik- ja legeerterasest laiast ribast. Mõõtmete ja kujutolerantsid
EVS-EN 1253-2:2015	Gullies for buildings - Part 2: Roof drains and floor gullies without trap	Kanalisatsiooni veeneelud hoonetes. Osa 2: Katuselehtrid ja vesilukuta põrandatrapid
EVS-EN 17468-2:2022	Fibre-cement products - Determination of pull through and shear resistance and bending strength calculations - Part 2: Profiled sheets	Tsementkiudtooted. Läbitõmbe- ja nihkekindluse määramine ning paindetugevuse arvutused. Osa 2: Profileeritud plaadid
EVS-EN ISO 15611:2024	Specification and qualification of welding procedures for metallic materials - Qualification based on previous welding experience (ISO 15611:2024)	Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Eelneval keevituskogemusel põhinev kvalifitseerimine
EVS-EN ISO 41011:2024	Facility management - Vocabulary (ISO 41011:2024)	Kinnisvarakeskkonna korraldus. Sõnavara

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Määrus 2016/2281
Õhukütteseadmete, jahutusseadmete, kõrgel temperatuuril käitatavad protsessijahutite ja puhurkonvektorite ökodisaini nõuded
Komisjoni rakendusotsus 2024/2638 (EL Teataja 2024/L 11.10.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 1397:2021 Soojusvahetid. Veepõhised ruumi puhurkonvektorid. Tehniliste näitajate testimise protseduurid	11.10.2024		

Määrus 2016/425
Isikukaitsevahendid
Komisjoni rakendusotsus 2024/2599 (EL Teataja 2024/L 08.10.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 12841:2024 Kukkumisvastased isikukaitsevahendid. Köiesüsteemid. Köite reguleerimisseadmed	08.10.2024	EN 12841:2006	08.04.2026
EVS-EN 12941:2023 Hingamisteede kaitsevahendid. Sundventilatsiooniga filtreerimisseadised, millel on avar hingamisliides. Nõuded, katsetamine, märgistus	08.10.2024	EN 12941:1998; EN 12941:1998/A1:2003; EN 12941:1998/A2:2008	08.10.2026
EVS-EN 12942:2023 Hingamisteede kaitsevahendid. Sundventilatsiooniga täismaskide, poolmaskide või veerandmaskidega filtreerimisseadmed. Nõuded, katsetamine, märgistus	08.10.2024	EN 12942:1998; EN 12942:1998/A1:2002; EN 12942:1998/A2:2008	08.10.2026
EVS-EN 14058:2017+A1:2023 Kaitseriietus. Rõivad kaitseks jahedate keskkondade eest	08.10.2024	EN 14058:2017	08.04.2026
EVS-EN 360:2023 Kukkumisvastased isikukaitsevahendid. Sissetõmbavad kukkumist pidurdavad vahendid	08.10.2024	EN 360:2002	08.04.2026
EVS-EN 50365:2023 Pingealune töö. Kesk- ja madalpingepaigaldistes kasutatavad elektriisolatsiooniga kiivrid	08.10.2024		
EVS-EN 564:2023 Mägironimisvarustus. Abinöörid. Ohutusnõuded ja katsemeetodid	08.10.2024	EN 564:2014	08.04.2026

EVS-EN ISO 16321-1:2022 Silmade ja näo kaitsevahendid töökeskkonnas kasutamiseks. Osa 1: Üldnõuded	11.05.2023	EN 166:2001; EN 169:2002; EN 170:2002; EN 172:1994; EN 172:1994/A1:2000; EN 172:1994/A2:2001	11.11.2025
EVS-EN ISO 16321-3:2022 Silmade ja näo kaitsevahendid töökeskkonnas kasutamiseks. Osa 3: Lisanõuded võrkkaitsetele Märkus: See standard viitab normatiivsele viitele EN ISO 16321-1:2020, mille kuupäev ei ole õige. Selle asemel peab olema EN ISO 16321-1:2022.	11.05.2023	EN 166:2001; EN 1731:2006	11.11.2025
EVS-EN ISO 20345:2022/A1:2024 Isikukaitsevahendid. Turvajalatsid	08.10.2024		
EVS-EN ISO 20345:2022+A1:2024 Isikukaitsevahendid. Turvajalatsid	08.10.2024		
EVS-EN ISO 20346:2022 Isikukaitsevahendid. Kaitsejalatsid	08.10.2024	EN ISO 20346:2014	08.04.2026
EVS-EN ISO 20346:2022/A1:2024 Isikukaitsevahendid. Kaitsejalatsid	08.10.2024		
EVS-EN ISO 20346:2022+A1:2024 Isikukaitsevahendid. Kaitsejalatsid	08.10.2024		
EVS-EN ISO 20347:2022 Isikukaitsevahendid. Tööjalatsid	08.10.2024	EN ISO 20347:2012	08.04.2026
EVS-EN ISO 20347:2022/A1:2024 Isikukaitsevahendid. Tööjalatsid	08.10.2024		
EVS-EN ISO 20347:2022+A1:2024 Isikukaitsevahendid. Tööjalatsid	08.10.2024		

Määrus 2017/745
Meditsiiniseadmed
Komisjoni rakendusotsus 2024/2631 (EL Teataja 2024/L 09.10.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN ISO 13408-1:2024 Tervishoiutoodete aseptiline töötlemine. Osa 1: Üldnõuded	09.10.2024		

Määrus 2017/746
In vitro diagnostikameditsiiniseadmed
Komisjoni rakendusotsus 2024/2625 (EL Teataja 2024/L 09.10.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN ISO 13408-1:2024 Tervishoiutoodete aseptiline töötlemine. Osa 1: Üldnõuded	09.10.2024		
EVS-EN ISO 20916:2024 In vitro diagnostikameditsiiniseadmed. Inimproovidega läbiviidavad kliinilised toimivusuuringud. Head uuringutavad	09.10.2024		