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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 21043-1:2025
Forensic sciences - Part 1: Vocabulary (ISO 21043-1:2025)

This document defines terms used for the different components of the forensic process from scene to courtroom (as illustrated in Figure A.1).

Keel: en
Alusdokumendid: ISO 21043-1:2025; EN ISO 21043-1:2025
Asendab dokumenti: EVS-EN ISO 21043-1:2018

EVS-EN ISO 9706:2025
Information and documentation - Paper for documents - Requirements for permanence (ISO 9706:2025)

This document specifies the requirements for permanent paper intended for documents. It is applicable to unprinted papers. It is not applicable to boards. NOTE 1 The terms paper and board are defined in ISO 4046-3. This document is not intended for judging the permanence of papers stored under hostile conditions, such as high humidity that can promote microbiological attack, excessive heat, radiation (light or other), high levels of atmospheric pollutants, or the influence of water. NOTE 2 For information on International Standards on paper permanence (ISO 9706), on archival paper permanence and durability (ISO 11108), and on paper stability for general graphic applications (ISO 20494), refer to Annex D.

Keel: en
Alusdokumendid: ISO 9706:2025; EN ISO 9706:2025
Asendab dokumenti: EVS-EN ISO 9706:2001

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

CWA 18237:2025
Visionary nature-based actions for health, wellbeing & resilience in cities

This CEN Workshop Agreement (CWA) defines requirements to describe a health relevant approach for developing nature-based, socio cultural and digital VSs in cities and an assessment of good practices.

Keel: en
Alusdokumendid: CWA 18237:2025

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 21043-1:2025
Forensic sciences - Part 1: Vocabulary (ISO 21043-1:2025)

This document defines terms used for the different components of the forensic process from scene to courtroom (as illustrated in Figure A.1).

Keel: en
Alusdokumendid: ISO 21043-1:2025; EN ISO 21043-1:2025
Asendab dokumenti: EVS-EN ISO 21043-1:2018

EVS-EN ISO 21043-3:2025
Forensic sciences - Part 3: Analysis (ISO 21043-3:2025)

This document specifies requirements and provides recommendations to safeguard the process for the analysis of items of potential forensic value. It includes requirements and recommendations for the selection and application of suitable method(s) for the analysis to meet the needs of the customer and fulfil the request. The requirements are designed to ensure the use of suitable methods, proper controls, qualified personnel and appropriate analytical strategies throughout the forensic analysis of items. This document is applicable to activities conducted by a forensic service provider that occur at the scene and within a facility. This document is applicable to all disciplines of forensic science; however, it is not applicable to the recovery of digital data which is covered by ISO/IEC 27037. The requirements and recommendations facilitate the comprehensive, accurate and reliable analysis of items.

Keel: en
Alusdokumendid: ISO 21043-3:2025; EN ISO 21043-3:2025

EVS-EN ISO 21043-4:2025
Forensic sciences - Part 4: Interpretation (ISO 21043-4:2025)

This document specifies requirements and provides recommendations for the interpretation of observations to reach opinions that answer questions that are relevant for decision making in investigations or legal proceedings. This document states requirements

that are applicable to all forensic disciplines. This document states requirements that apply when the opinion is based directly on human judgement and when the opinion is based on interpretation through a statistical model. This document is applicable to interpretation that occurs at a scene, within a facility, or within a judicial setting. This document establishes requirements designed to safeguard the process for the interpretation of observations including the use of either statistical models or human judgement, to address alternative propositions based on the questions asked by the customer. Interpretation is not necessary and the requirements of this document do not apply if the observations resulting from the analysis directly answer the relevant question. EXAMPLE In analytical chemistry, substances are often identified or classified. Provided that the applied analytical methods are not limited in selectivity or sensitivity for the given question, the observations can lead to a direct statement of the name of the substance (identification) or a type of material (classification). This is not considered interpretation for the purposes of this document.

Keel: en
Alusdokumendid: ISO 21043-4:2025; EN ISO 21043-4:2025

EVS-EN ISO 21043-5:2025

Forensic sciences - Part 5: Reporting (ISO 21043-5:2025)

This document specifies requirements and provides recommendations for reporting of forensic work. This document is applicable to the reporting of forensic work performed at a scene and within a facility. The requirements facilitate the preparation and issuing of reports that are accurate, clear, transparent, complete, unambiguous, impartial and suitable for their intended use. This document also includes requirements relating to the review of case records and reports, the issuance and control of reports, and requirements related to testimony.

Keel: en
Alusdokumendid: ISO 21043-5:2025; EN ISO 21043-5:2025

11 TERVISEHOOLDUS

EVS-EN 17915:2025

Chemical disinfectants and antiseptics - Quantitative non-porous surface test without mechanical action for the evaluation of virucidal activity of chemical disinfectants used in the food, industrial, domestic and institutional area - Test method and requirements (phase 2, step 2).

This document specifies a test method and the minimum requirements for virucidal activity of chemical disinfectants that form a homogeneous physically stable preparation when diluted with hard water or, in the case of ready-to-use products, with water. This document applies to products that are used in the food, industrial, domestic and institutional area for disinfecting non-porous surfaces without mechanical action, excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues. This document applies at least to the following: a) processing, distribution and retailing of: 1) food of animal origin: - milk and milk products; - meat and meat products; - fish, seafood, and related products; - eggs and egg products; - animal feeds; - etc.; 2) food of vegetable origin: - beverages; - fruits, vegetables and derivatives (including sugar, distillery, etc.); - flour, milling and baking; - animal feeds; - etc.; b) institutional and domestic areas: - catering establishments; - public areas; - public transports; - schools; - nurseries; - shops; - sports rooms; - waste containers (bins, etc.); - hotels; - dwellings; - clinically non sensitive areas of hospitals; - offices; - etc.; c) industries other than food: - packaging material; - biotechnology (yeast, proteins, enzymes, etc.); - pharmaceutical; - cosmetics and toiletries; - textiles; - space industry, computer industry; - etc. EN 14885 specifies in detail the relationship of the various tests to one another and to “use recommendations”.

Keel: en
Alusdokumendid: EN 17915:2025

EVS-EN ISO 16671:2025

Ophthalmic implants - Irrigating solutions for ophthalmic surgery (ISO 16671:2025)

This document defines requirements with regards to safety for the intended performance, design attributes, preclinical and clinical evaluation, sterilization, product packaging, product labelling, and the information supplied by the manufacturer. This document applies to ophthalmic irrigating solutions (OIS), used during ophthalmic surgery. These solutions do not provide any primary immunological, pharmacological, or metabolic function.

Keel: en
Alusdokumendid: ISO 16671:2025; EN ISO 16671:2025
Asendab dokumenti: EVS-EN ISO 16671:2015
Asendab dokumenti: EVS-EN ISO 16671:2015/A1:2017

EVS-EN ISO 7376:2020/A1:2025

Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation - Amendment 1: Clarification of optical output and illumination requirements (ISO 7376:2020/Amd 1:2025)

Amendment to EN ISO 7376:2020

Keel: en
Alusdokumendid: ISO 7376:2020/Amd 1:2025; EN ISO 7376:2020/A1:2025
Muudab dokumenti: EVS-EN ISO 7376:2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TS 7013:2025

Water quality - Guidance and requirements for designing an interlaboratory trial for validation of analytical methods (ISO/TS 7013:2023)

This document specifies requirements and recommendations for the design and execution of an interlaboratory comparison for validation of new standardized analytical methods in the field of water analysis, e.g. the number of participating laboratories and time schedules. This document is based on ISO 5725-1 and ISO 5725-2. NOTE The scope of other standards in the field of interlaboratory comparison, such as ISO/IEC 17043 and ISO 13528, is proficiency testing of analytical laboratories and not interlaboratory comparison for the validation of analytical methods.

Keel: en
Alusdokumendid: ISO/TS 7013:2023; CEN ISO/TS 7013:2025

CWA 18237:2025

Visionary nature-based actions for health, wellbeing & resilience in cities

This CEN Workshop Agreement (CWA) defines requirements to describe a health relevant approach for developing nature-based, socio cultural and digital VSs in cities and an assessment of good practices.

Keel: en
Alusdokumendid: CWA 18237:2025

EVS-EN IEC 62232:2025

Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure

IEC 62232:2025 provides methods for the determination of RF field strength, power density and specific absorption rate (SAR) in the vicinity of base stations (BS) for the purpose of evaluating human exposure. This document: a) considers intentionally radiating BS which transmit on one or more antennas using one or more frequencies in the range 110 MHz to 300 GHz; b) considers the impact of ambient sources on RF exposure at least in the 100 kHz to 300 GHz frequency range; c) specifies the methods to be used for RF exposure evaluation for compliance assessment applications, namely: 1) product compliance – determination of compliance boundary information for a BS product before it is placed on the market; 2) product installation compliance – determination of the total RF exposure levels in accessible areas from a BS product and other relevant sources before the product is put into operation; 3) in-situ RF exposure assessment – measurement of in-situ RF exposure levels in the vicinity of a BS installation after the product has been taken into operation; d) specifies how to perform RF exposure assessment based on the actual maximum approach; e) describes several RF field strength, power density, and SAR measurement and computation methodologies with guidance on their applicability to address both the in-situ evaluation of installed BS and laboratory-based evaluations; f) describes how surveyors establish their specific evaluation procedures appropriate for their evaluation purpose; g) provides guidance on how to report, interpret and compare results from different evaluation methodologies and, where the evaluation purpose requires it, determine a justified decision against a limit value; h) provides methods for the RF exposure assessment of BS using time-varying beam-steering technologies such as new radio (NR) BS using massive multiple input multiple output (MIMO). NOTE 1 Practical implementation case studies are provided as examples in the companion Technical Report IEC TR 62669 [5]. NOTE 2 Although the current BS product types have been specified to operate up to 200 GHz (see, for example, [6] and [7]), the upper frequency of 300 GHz is consistent with applicable exposure limits. NOTE 3 The lower frequency considered for ambient sources, 100 kHz, is derived from ICNIRP-1998 [2] and ICNIRP-2020 [1]. However, some applicable exposure guidelines require ambient fields to be evaluated as low as 3 kHz, e.g. Safety Code 6 [4] and IEEE Std C95.1-2019 [3]. NOTE 4 Specification of appropriate RF exposure mitigation measures such as signage, access control, and training are beyond the scope of this document. It is possible to refer to the applicable regulations or recommended practices on these topics. NOTE 5 While this document is based on the current international consensus about the best engineering practice for assessing the compliance of RF exposure with the applicable exposure limits, it is possible that national regulatory agencies specify different requirements. The entity conducting an RF exposure assessment needs to be aware of the applicable regulations. This fourth edition cancels and replaces the third edition published in 2022. It includes corrections of obvious errors and text improvements on the third edition in order to bring more clarity in the description of the assessment methods and avoid misinterpretations. This edition has the same technical content as the third edition.

Keel: en
Alusdokumendid: IEC 62232:2025; EN IEC 62232:2025
Asendab dokumenti: EVS-EN IEC 62232:2022

EVS-EN ISO 27913:2025

Carbon dioxide capture, transportation and geological storage - Pipeline transportation systems (ISO 27913:2024)

This document specifies the requirements and recommendations for the transportation of CO2 streams from the capture site to the storage facility where it is primarily stored in a geological formation or used for other purposes (e.g. for enhanced oil recovery or CO2 use). This document applies to the transportation of CO2 streams by — rigid metallic pipelines, — pipeline systems, — onshore and offshore pipelines for the transportation of CO2 streams, — conversion of existing pipelines for the transportation of CO2 streams, and — transportation of CO2 streams in the gaseous and dense phases. This document also includes aspects of CO2 stream quality assurance, as well as converging CO2 streams from different sources. Health, safety and environment aspects specific to CO2 transport and monitoring are also considered in this document. Transportation of CO2 via ship, rail or on road is not covered in this document.

Keel: en
Alusdokumendid: ISO 27913:2024; EN ISO 27913:2025

EVS-EN ISO 9241-112:2025

Ergonomics of human-system interaction - Part 112: Principles for the presentation of information (ISO 9241-112:2025)

This document establishes ergonomic design principles for interactive systems related to the software-controlled presentation of information by user interfaces. It applies to the three main modalities (visual, auditory, tactile or haptic) typically used in information and communication technology (ICT). These principles apply to the perception and understanding of presented information. These principles are applicable in the analysis, design and evaluation of interactive systems. This document also provides recommendations corresponding to the principles. The recommendations for each of the principles are not exhaustive and are not necessarily independent from one another. While this document is applicable to all types of interactive systems, it does not cover the specifics of particular application domains which require context-specific recommendations. This document also applies to outputs from interactive systems (such as printed documents and document exports in common computer formats, e.g. pdf, text and tabular formats).

Keel: en
Alusdokumendid: ISO 9241-112:2025; EN ISO 9241-112:2025
Asendab dokumenti: EVS-EN ISO 9241-112:2017

EVS-EN ISO 9612:2025

Akustika. Müraekspositsiooni määramine töökeskkonnas. Metoodika
Acoustics - Determination of occupational noise exposure - Methodology (ISO 9612:2025)

Selles dokumendis kirjeldatakse meetodit töötajate müraekspositsiooni mõõtmiseks töökeskkonnas ja müraekspositsiooni taseme arvutuseks. Dokument käsitleb A-kaalutud tasemeid, kuid on kasutatav ka C-kaalutud tasemete puhul. Kirjeldatud on kolme erinevat mõõtemeetodit. See meetod on rakendatav müraekspositsiooni üksikasjalikes uuringutes, kuulmiskahjustuste epidemioloogilistes või muude soovimatute mõjude uuringutes. Selleks, et mõõtmiste kvaliteet oleks kontrollitav, on mõõteprotsessi käigus vaja teha müra ekspositsioonitingimuste uuringud ja analüüs. Dokument sätestab meetodid tulemuste määramatuse hindamiseks. Dokument pole mõeldud suulist kommunikatsiooni maskeeriva või infraheli, ultraheli ja müra mittekuuldavate mõjude hindamiseks. Dokument pole rakendatav kuulmiskaitsevahenditega kaitstud kõrva müraekspositsiooni mõõtmises. Selle dokumendi kohaselt läbi viidud mõõtetulemused võivad pakkuda olulist informatsiooni müra järelevalvemeetmete prioriteetide määramisel.

Keel: en, et
Alusdokumendid: ISO 9612:2025; EN ISO 9612:2025
Asendab dokumenti: EVS-EN ISO 9612:2009
Asendab dokumenti: EVS-EN ISO 9612:2009/AC:2012

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 15610:2019+A1:2025

Raudteealased rakendused. Müratase. Rööpa ja ratta ebatasasuste mõõtmised seoses veeremüra tekkega
Railway applications - Acoustics - Rail and wheel roughness measurement related to noise generation

1.1 This document specifies a direct measurement method for characterizing the surface roughness of the rail and wheel associated with rolling noise ("acoustic roughness"), in the form of a one-third octave band spectrum. This document describes a method for: a) selecting measuring positions along a track or selecting wheels of a vehicle; b) selecting lateral positions for measurements; c) the data acquisition procedure; d) measurement data processing in order to estimate a set of one-third octave band roughness spectra; e) presentation of this estimate for comparison with limits of acoustic roughness; f) comparison with a given upper limit in terms of a one-third octave band wavelength spectrum; g) the measuring system requirements. 1.2 It is applicable to the: a) compliance testing of reference track sections in relation to the acceptance test for noise emitted by railway vehicles; b) performance testing of track sections in relation to noise emitted by railway vehicles; c) acceptance of the running surface condition only in the case where the acoustic roughness is the acceptance criterion; d) assessment of the wheel surface condition as an input for the acoustic acceptance of brake blocks; e) assessment of the wheel and rail roughness as input to the calculation of combined wheel rail roughness; f) diagnosis of wheel-rail noise issues for specific tracks or wheels; g) assessment of the wheel and rail roughness as input to rolling noise modelling; h) assessment of the wheel and rail roughness as input to noise source separation methods. 1.3 It is not applicable to the: a) measurement of roughness (rail roughness, wheel roughness or combined roughness) using an indirect method; b) analysis of the effect of wheel-rail interaction, such as a “contact filter”; c) approval of rail and wheel reprofiling, including rail grinding operations, except for those where the acoustic roughness is specifically the approval criterion (and not the grinding quality criteria as provided in e.g. EN 13231-3); d) characterization of track and wheel geometry except where associated with noise generation.

Keel: en
Alusdokumendid: EN 15610:2019+A1:2025
Asendab dokumenti: EVS-EN 15610:2019

EVS-EN IEC 60684-2:2025

Flexible insulating sleeving - Part 2: Methods of test

IEC 60684-2:2025 gives methods of test for flexible insulating sleeving, including heat-shrinkable sleeving, intended primarily for insulating electrical conductors and connections of electrical apparatus, although they can be used for other purposes. The tests specified are designed to control the quality of the sleeving but it is recognized that they do not completely establish the suitability of sleeving for impregnation or encapsulation processes or for other specialized applications. Where necessary, the test methods in this document will be supplemented by appropriate impregnation or compatibility tests to suit the individual circumstances. This

fourth edition cancels and replaces the third edition published in 2011.This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) major update of normative references; b) revision of Clause 5, with amendment of methods for measurements of bore and wall thickness; c) revision of Clause 11, to clarify that the longitudinal change test is done on expanded sleeving; d) revision of Clause 28, additional method D for flame propagation testing; e) revision of Clause 56, additional method for preparation of samples for adhesive peel test; f) addition of Clause 63, abrasion test method; g) addition of Clause 64, volume resistivity for semi-conducting materials; h) addition of Clause 65, outgassing; i) addition of Clause 66, resistance to weathering.

Keel: en
Alusdokumendid: IEC 60684-2:2025; EN IEC 60684-2:2025
Asendab dokumenti: EVS-EN 60684-2:2011

EVS-EN IEC 62232:2025

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Keel: en
Alusdokumendid: IEC 62232:2025; EN IEC 62232:2025
Asendab dokumenti: EVS-EN IEC 62232:2022

19 KATSETAMINE

EVS-EN ISO 16827:2025

Non-destructive testing - Ultrasonic testing - Characterization and sizing of discontinuities (ISO 16827:2025)

This document specifies the general principles and techniques for the characterization and sizing of previously detected discontinuities in order to ensure their evaluation against applicable acceptance criteria. This document is applicable, in general terms, to discontinuities in those materials and applications covered by ISO 16810. Phased array techniques can also be applied but additional steps or verifications can be needed.

Keel: en
Alusdokumendid: ISO 16827:2025; EN ISO 16827:2025
Asendab dokumenti: EVS-EN ISO 16827:2014

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 7041:2025

Fasteners - Prevailing torque hexagon nuts - High nuts (with non-metallic insert) (ISO 7041:2025)

This document specifies the characteristics of prevailing torque hexagon high nuts (with non-metallic insert), in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. NOTE These nuts are designed with an overall height equal to mmin (as specified in ISO 898-2 and ISO 4033 for style 2) plus the prevailing torque feature. The height of the prevailing torque feature (hmax – mmin) for the non-metallic insert is identical for regular, high and thin nuts for a given

diameter. If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-2 or ISO 3506-2.

Keel: en
Alusdokumendid: ISO 7041:2025; EN ISO 7041:2025

EVS-EN ISO 7719:2025

Fasteners - Prevailing torque hexagon nuts - Regular nuts (all metal) (ISO 7719:2025)

This document specifies the characteristics of prevailing torque (all metal) hexagon regular nuts, in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. NOTE These nuts are designed with an overall height hmin = mmin (as specified in ISO 898-2 and ISO 4032 for style 1) plus the prevailing torque feature. hmax has been established in function of hmin; therefore, the tolerance (hmax – hmin) does not follow the ISO code system for tolerances (IT system). If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-2 or ISO 3506-2.

Keel: en
Alusdokumendid: ISO 7719:2025; EN ISO 7719:2025
Asendab dokumenti: EVS-EN ISO 7719:2012

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 60974-1:2022/A13:2025

Kaarkeevitusseadmed. Osa 1: Keevitamise vooluallikad
Arc welding equipment - Part 1: Welding power sources

Standardi EN IEC 60974-1:2022 muudatus

Keel: en
Alusdokumendid: EN IEC 60974-1:2022/A13:2025
Muudab dokumenti: EVS-EN IEC 60974-1:2022

EVS-EN ISO 5821:2025

Resistance welding - Spot welding electrodes - Female electrode caps (ISO 5821:2025)

This document specifies the dimensions and tolerances of female electrode caps for resistance spot welding of metallic materials. Taper dimensions and tolerances of the electrode caps follow the values specified in ISO 1089. NOTE Electrode caps with locking tapers are addressed in ISO 20168. Male electrode caps are specified in ISO 5830.

Keel: en
Alusdokumendid: ISO 5821:2025; EN ISO 5821:2025
Asendab dokumenti: EVS-EN ISO 5821:2010

29 ELEKTROTEHNIKA

EVS-EN 50604-1:2016/A2:2025

Secondary lithium batteries for light EV (electric vehicle) applications - Part 1: General safety requirements and test methods

This amendment of EN 50604-1 provides clarification to questions raised by test institutes for being able to proceed in testing according to the standard. It is ready for immediate release / publication.

Keel: en
Alusdokumendid: EN 50604-1:2016/A2:2025
Muudab dokumenti: EVS-EN 50604-1:2016
Muudab dokumenti: EVS-EN 50604-1:2016+A1:2021

EVS-EN 50604-1:2016+A1+A2:2025

Secondary lithium batteries for light EV (electric vehicle) applications - Part 1: General safety requirements and test methods

This European Standard specifies test procedures and provides acceptable safety requirements for voltage class A and voltage class B removable lithium-ion battery (packs and) systems, to be used as traction batteries of or for electrically propelled road vehicles. This European Standard is related to the testing of safety performance of battery packs and systems for their intended use for a vehicle. This European Standard is not intended to be applied for the evaluation of the safety of battery packs/systems storage, vehicle production, repair and maintenance services. Light EV includes all electrically propelled vehicles of category L1 up to category L7 according to the definition of ECE-TRANS-WP29-78r6e and all electrically propelled or assisted cycles including plug-in hybrid road vehicles (PHEV), that derive all or part of their energy from on-board rechargeable energy storage systems (RESS). This European Standard enables setting up a dedicated test plan for an individual battery pack/system subject to an agreement between customer and supplier. If required, the relevant test procedures and/or test conditions of lithium-ion battery packs and systems may be selected from the standard tests provided in this standard to configure a dedicated test plan. NOTE 1 Testing on cell level is specified in the IEC 62660 series. This document also applies to: — built-in battery packs/systems in EVs. NOTE 2 Informative Annex HH gives information on possible tests for other chemistries. This European Standard does not apply to: — individual cells; — non-removable battery systems; — primary Batteries(including lithium types); — batteries covered by the ISO 12405 series.

Keel: en
Alusdokumendid: EN 50604-1:2016; EN 50604-1:2016/A1:2021; EN 50604-1:2016/A2:2025
Konsolideerib dokumenti: EVS-EN 50604-1:2016
Konsolideerib dokumenti: EVS-EN 50604-1:2016/A1:2021
Konsolideerib dokumenti: EVS-EN 50604-1:2016/A2:2025
Konsolideerib dokumenti: EVS-EN 50604-1:2016+A1:2021

EVS-EN 60061-1:2001+A49:2013/A1:2025

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 1: Lambisoklid

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps

Amendment to EN 60061-1:1993

Keel: en
Alusdokumendid: EN IEC 60061-1:1993/A1:2025; IEC 60061-1:1969/AMD64:2025
Muudab dokumenti: EVS-EN 60061-1:2001+A49:2013

EVS-EN 60061-2:2001+A46:2013/A1:2025

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2: Lambipesad

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders

Amendment to EN 60061-2:1993

Keel: en
Alusdokumendid: EN 60061-2:1993/A1:2025; IEC 60061-2/AMD60
Muudab dokumenti: EVS-EN 60061-2:2001+A46:2013

EVS-EN IEC 60664-1:2020/A1:2025

Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests

Amendment to EN IEC 60664-1:2020

Keel: en
Alusdokumendid: IEC 60664-1:2020/AMD1:2025; EN IEC 60664-1:2020/A1:2025
Muudab dokumenti: EVS-EN IEC 60664-1:2020

EVS-EN IEC 60664-1:2020+A1:2025

Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests (IEC 60664-1:2020 + IEC 60664-1:2020/AMD1:2025)

This part of IEC 60664 deals with insulation coordination for electrical equipment having a rated voltage up to AC 1 000 V or DC 1 500 V connected to low-voltage supply systems. NOTE 1 Throughout this document, the term equipment is used with the meaning of electrical equipment. This document applies to frequencies up to 30 kHz. NOTE 2 Requirements for insulation coordination for equipment within low-voltage supply systems with rated frequencies above 30 kHz are given in IEC 60664-4. NOTE 3 Higher voltages can exist in internal circuits of the equipment. It applies to equipment for use up to 2 000 m above sea level and provides guidance for use at higher altitudes (See 5.2.3.4). It provides requirements for technical committees to determine clearances, creepage distances and criteria for solid insulation. It includes methods of electrical testing with respect to insulation coordination. The minimum clearances specified in this document do not apply where ionized gases are present. Special requirements for such situations can be specified at the discretion of the relevant technical committee. This document does not deal with distances: – through liquid insulation; – through gases other than air; – through compressed air. This basic safety publication focusing on safety essential requirements is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. However, in case of missing specified values for clearances, creepage distances and requirements for solid insulation in the relevant product standards, or even missing standards, this document applies. NOTE 4 Further explanations and examples with regard to the use of this document are provided in IEC TR 60664-2-1.

Keel: en
Alusdokumendid: IEC 60664-1:2020; EN IEC 60664-1:2020; IEC 60664-1:2020/COR1:2020; EN IEC 60664-1:2020/AC:2020-12; IEC 60664-1:2020/AMD1:2025; EN IEC 60664-1:2020/A1:2025
Konsolideerib dokumenti: EVS-EN IEC 60664-1:2020
Konsolideerib dokumenti: EVS-EN IEC 60664-1:2020/A1:2025
Konsolideerib dokumenti: EVS-EN IEC 60664-1:2020/AC:2020

EVS-EN IEC 60684-3-282:2025

Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 282: Heat-shrinkable, polyolefin sleeving - Stress control

This part of IEC 60684 gives the requirements for two types of heat-shrinkable, polyolefin sleeving, stress control, not flame retarded, with a nominal shrink ratio up to 3:1. This sleeving has been found suitable for use up to temperatures of 100 °C. - Type A : Medium wall Internal diameter up to 65,0 mm typically - Type B : Thick wall Internal diameter up to 95,0 mm typically This sleeving is normally supplied in the colour black. Since these types of sleevings cover a significantly large range of sizes and wall thicknesses, Annex A in this standard provides guidance to the range of sizes available. The actual size will be agreed between the user and the supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application need to be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This sleeving is designed to be used in MV cable accessories and as such electrical performance will be proven as part of the assembly. Examples of this are described in HD 629 and IEC 60502 (all parts)

Keel: en
Alusdokumendid: IEC 60684-3-282:2025; EN IEC 60684-3-282:2025
Asendab dokumenti: EVS-EN 60684-3-282:2010

31 ELEKTROONIKA

EVS-EN IEC 63378-3:2025

Thermal standardization on semiconductor packages - Part 3: Thermal circuit simulation models of discrete semiconductor packages for transient analysis

IEC 63378-3:2025 specifies the thermal circuit network model of discrete (TO-243, TO-252 and TO-263) packages, which is used in the transient analysis of electronic devices to estimate precise junction temperatures without experimental verification. This model is intended to be made and provided by semiconductor suppliers and to be used by assembly makers of electronic devices.

Keel: en
Alusdokumendid: IEC 63378-3:2025; EN IEC 63378-3:2025

EVS-EN ISO 11554:2025

Optics and photonics - Lasers and laser-related equipment - Test methods for laser beam radiant power, radiant energy and temporal characteristics (ISO 11554:2025)

This document specifies test methods for determining the radiant power and radiant energy of continuous wave and pulsed laser beams, as well as their temporal characteristics of pulse shape, pulse duration and pulse repetition rate. Test and evaluation methods are also given for the radiant power stability of cw-lasers, radiant energy stability of pulsed lasers and pulse duration stability. The test methods given in this document are used for the testing and characterization of lasers.

Keel: en
Alusdokumendid: ISO 11554:2025; EN ISO 11554:2025
Asendab dokumenti: EVS-EN ISO 11554:2017

33 SIDETEHNIKA

CEN ISO/TR 19175:2025

Geographic information - Gap analysis of geospatial standards for indoor-outdoor seamless navigation (ISO/TR 19175:2025)

The objective of this document is to analyse gaps in geospatial standards for indoor-outdoor seamless navigation. This document is intended to be used by designers, developers and providers of outdoor or indoor navigation services. This document: a) specifies the concepts for the indoor-outdoor seamless navigation; b) outlines conceptual architecture and scenarios (or use-cases) for indoor-outdoor seamless navigation; c) analyses the gap of the current geospatial standards for implementing the indoor-outdoor seamless navigation; d) highlights standardization items to be proceeded to get more interoperability.

Keel: en
Alusdokumendid: ISO/TR 19175:2025; CEN ISO/TR 19175:2025

EVS-EN 303 364-1-1 V1.1.1:2025

Seire primaarradar (PSR); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1: Lennujuhtimise (ATC) PSR sensorid, mis töötavad sagedusvahemikus 1 215 MHz kuni 1 400 MHz (sagedusriba L); Alaosa 1: Reflektorantenne kasutavad radarsüsteemid.
Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 1: Air Traffic Control (ATC) PSR sensors operating in the frequency band 1 215 MHz to 1 400 MHz (L band); Sub-part 1: radar systems using reflector antennas

The present document specifies technical characteristics and methods of measurements for ground based monostatic ATC solid state primary surveillance radars that are intended to work with a waveguide-based rotating passive antenna and have the following characteristics: • operation in the 1 215 MHz to 1 400 MHz frequency range; • transmitter output peak power up to 100 kW; • the transceiver output uses an RF circulator; • a piece of waveguide of at least 66 cm is integral to the transceiver. NOTE 1: Phased array ATC primary surveillance radars are not covered by the present document. NOTE 2: 66 cm equals 2 times the cut-off wavelength of a WR650/WG6/R14 waveguide which is typically used in the 1 215 MHz to 1 400 MHz frequency range.

NOTE 3: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: ETSI EN 303 364-1-1 V1.1.1

EVS-EN 319 412-1 V1.6.1:2025

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

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

Keel: en
Alusdokumendid: ETSI EN 319 412-1 V1.6.1

EVS-EN 319 412-2 V2.4.1:2025

Electronic Signatures and Trust Infrastructures (ESI); Certificate Profiles; Part 2: Certificate profile for certificates issued to natural persons

The present document specifies requirements on the content of certificates issued to natural persons. This profile builds on IETF RFC 5280 for generic profiling of Recommendation ITU-T X.509 | ISO/IEC 9594-8. This profile supports the requirements of EU Qualified Certificates as specified in the Regulation (EU) No 910/2014 as well as other forms of certificate. The scope of the present document is primary limited to facilitate interoperable processing and display of certificate information. This profile therefore excludes support for some certificate information content options, which can be perfectly valid in a local context but which are not regarded as relevant or suitable for use in widely deployed applications. The present document focuses on requirements on certificate content. Requirements on decoding and processing rules are limited to aspects required to process certificate content defined in the present document. Further processing requirements are only specified for cases where it adds information that is necessary for the sake of interoperability. Certain applications or protocols impose specific requirements on certificate content. The present document is based on the assumption that these requirements are adequately defined by the respective application or protocol. It is therefore outside the scope of the present document to specify such application or protocol specific certificate content.

Keel: en
Alusdokumendid: ETSI EN 319 412-2 V2.4.1

EVS-EN 319 412-4 V1.4.1:2025

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

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

Keel: en
Alusdokumendid: ETSI EN 319 412-4 V1.4.1

EVS-EN 319 412-5 V2.5.1:2025

Electronic Signatures and Trust Infrastructures (ESI); Certificate Profiles; Part 5: QCStatements

The present document defines specific QCStatement for the qcStatements extension as defined in IETF RFC 3739, clause 3.2.6, including requirements for their use in EU qualified certificates. Some of these QCStatements can be used for other forms of certificate. The QCStatements defined in the present document can be used in combination with any certificate profile, either defined in ETSI EN 319 412-2, ETSI EN 319 412-3 and ETSI EN 319 412-4, or defined elsewhere. The QCStatements defined in clause 4.3 can be applied to regulatory environments outside the EU. Other requirements specified in clause 4 are specific to Regulation (EU) No 910/2014 but may be adapted for other regulatory environments.

Keel: en
Alusdokumendid: ETSI EN 319 412-5 V2.5.1

EVS-EN IEC 60793-2-50:2025

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

IEC 60793-2-50:2025 is applicable to optical fibre categories B-652, B-653, B-654, B-655, B-656 and B-657. A map illustrating the connection of IEC designations to ITU-T designations is shown in Table 1. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables. Three types of requirements apply to these fibres: - general

requirements, as defined in IEC 60793-2; - specific requirements common to the class B single-mode fibres covered in this document and which are given in Clause 4; - particular requirements applicable to individual fibre categories or specific applications, which are defined in Annex A to Annex F. For some fibre categories (shown in the relevant family specifications), there are sub-categories that are distinguished on the basis of difference in transmission attribute specifications. The designations for these sub-categories are documented in the individual family specifications. Table 1 shows a map from the IEC designations to the ITU-T recommendations. This seventh edition cancels and replaces the sixth edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition. a) The addition of a 200 µm coating nominal outer diameter option for B-654A, B, C fibres in Annex C

Keel: en
Alusdokumendid: IEC 60793-2-50:2025; EN IEC 60793-2-50:2025
Asendab dokumenti: EVS-EN IEC 60793-2-50:2019

EVS-EN IEC 61754-13:2024/AC:2025

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 13: Type FC-PC connector family

Corrigendum to EN IEC 61754-13:2024

Keel: en
Alusdokumendid: EN IEC 61754-13:2024/AC:2025-06; IEC 61754-13:2024/COR1:2025
Parandab dokumenti: EVS-EN IEC 61754-13:2024

EVS-EN IEC 62149-4:2023/A1:2025

Fibre optic active components and devices - Performance standards - Part 4: 1 300 nm fibre optic transceivers for Gigabit Ethernet application

Amendment to EN IEC 62149-4:2023.

Keel: en
Alusdokumendid: IEC 62149-4:2022/AMD1:2025; EN IEC 62149-4:2023/A1:2025
Muudab dokumenti: EVS-EN IEC 62149-4:2023

35 INFOTEHNOLOOGIA

CEN ISO/TR 19175:2025

Geographic information - Gap analysis of geospatial standards for indoor-outdoor seamless navigation (ISO/TR 19175:2025)

The objective of this document is to analyse gaps in geospatial standards for indoor-outdoor seamless navigation. This document is intended to be used by designers, developers and providers of outdoor or indoor navigation services. This document: a) specifies the concepts for the indoor-outdoor seamless navigation; b) outlines conceptual architecture and scenarios (or use-cases) for indoor-outdoor seamless navigation; c) analyses the gap of the current geospatial standards for implementing the indoor-outdoor seamless navigation; d) highlights standardization items to be proceeded to get more interoperability.

Keel: en
Alusdokumendid: ISO/TR 19175:2025; CEN ISO/TR 19175:2025

CEN/TS 13149-8:2025

Public transport - Road vehicle scheduling and control systems - Part 8: Physical layer for IP communication

This part 8 specifies the physical layer of an onboard data transmission bus between the different equipment for service operations and monitoring of the fleet. This applies to equipment installed on board vehicles that are operating as part of a public transport network, i.e. in operation under public service contracts. This equipment includes operation aid systems, automatic passenger information systems, fare collection systems, etc. The use of IEEE 802.11 Wireless LAN communications is excluded from the scope of this Technical Specification; its use is not recommended for the service-based approach of CEN/TS 13149. Equipment directly related to the safety-related functioning of the vehicle (propulsion management, brake systems, door opening systems, etc.) are excluded from the scope of this Technical Specification and are dealt with in other standardization bodies. Interfaces to such equipment or safety-critical networks can be provided through dedicated gateways. This document covers the following: — The link between equipment inside vehicles consisting of one carriage only, e.g. buses and trolleybuses, as well as a set of carriages, e.g. trams and trains; — The Physical Layer for IP-communication networks onboard PT vehicles; — The cables, connectors and other equipment including pin assignment and environmental requirements. This document specifies wired communication networks onboard PT vehicles which are based on the Ethernet specification ISO/IEC/IEEE 8802-3-10 Base T, 100 Base Tx and 1000 Base T.

Keel: en
Alusdokumendid: CEN/TS 13149-8:2025
Asendab dokumenti: CEN/TS 13149-8:2013

EVS-EN 50090-6-2:2025

Home and Building Electronic Systems (HBES) - Part 6-2: IoT Semantic Ontology model description

This document defines the HBES Information Model and a corresponding data exchange format for the Home and Building HBES Open Communication System.

Keel: en
Alusdokumendid: EN 50090-6-2:2025
Asendab dokumenti: EVS-EN 50090-6-2:2021

EVS-EN 50173-10:2025

Information technology - Generic cabling systems - Part 10: Single pair cabling

This document specifies 1-pair cabling and can be used in conjunction with all the space-specific standards of the EN 50173 series but especially EN 50173-3 and EN 50173-6. NOTE 1-pair cabling for EN 50173-2, EN 50173-4 and EN 50173-5 is for further study. It delivers 1-pair cabling specifications to extend generic cabling systems according to the EN 50173 series. This document specifies the: - structure and minimum configuration for extension of generic cabling by 1-pair cabling; - interfaces at the service outlet (SO/TO); - performance requirements for cabling links and channels; - implementation requirements and options; - performance requirements for cabling components; - conformance requirements and verification procedures. This document takes into account the requirements specified in application standards listed in Annex C.

Keel: en
Alusdokumendid: EN 50173-10:2025

EVS-EN ISO 9241-112:2025

Ergonomics of human-system interaction - Part 112: Principles for the presentation of information (ISO 9241-112:2025)

This document establishes ergonomic design principles for interactive systems related to the software-controlled presentation of information by user interfaces. It applies to the three main modalities (visual, auditory, tactile or haptic) typically used in information and communication technology (ICT). These principles apply to the perception and understanding of presented information. These principles are applicable in the analysis, design and evaluation of interactive systems. This document also provides recommendations corresponding to the principles. The recommendations for each of the principles are not exhaustive and are not necessarily independent from one another. While this document is applicable to all types of interactive systems, it does not cover the specifics of particular application domains which require context-specific recommendations. This document also applies to outputs from interactive systems (such as printed documents and document exports in common computer formats, e.g. pdf, text and tabular formats).

Keel: en
Alusdokumendid: ISO 9241-112:2025; EN ISO 9241-112:2025
Asendab dokumenti: EVS-EN ISO 9241-112:2017

43 MAANTEESÕIDUKITE EHITUS

CEN/TS 13149-8:2025

Public transport - Road vehicle scheduling and control systems - Part 8: Physical layer for IP communication

This part 8 specifies the physical layer of an onboard data transmission bus between the different equipment for service operations and monitoring of the fleet. This applies to equipment installed on board vehicles that are operating as part of a public transport network, i.e. in operation under public service contracts. This equipment includes operation aid systems, automatic passenger information systems, fare collection systems, etc. The use of IEEE 802.11 Wireless LAN communications is excluded from the scope of this Technical Specification; its use is not recommended for the service-based approach of CEN/TS 13149. Equipment directly related to the safety-related functioning of the vehicle (propulsion management, brake systems, door opening systems, etc.) are excluded from the scope of this Technical Specification and are dealt with in other standardization bodies. Interfaces to such equipment or safety-critical networks can be provided through dedicated gateways. This document covers the following: — The link between equipment inside vehicles consisting of one carriage only, e.g. buses and trolleybuses, as well as a set of carriages, e.g. trams and trains; — The Physical Layer for IP-communication networks onboard PT vehicles; — The cables, connectors and other equipment including pin assignment and environmental requirements. This document specifies wired communication networks onboard PT vehicles which are based on the Ethernet specification ISO/IEC/IEEE 8802-3-10 Base T, 100 Base Tx and 1000 Base T.

Keel: en
Alusdokumendid: CEN/TS 13149-8:2025
Asendab dokumenti: CEN/TS 13149-8:2013

EVS-EN IEC 62840-1:2025

Electric vehicle battery swap system - Part 1: General and guidance

IEC 62840-1:2025 gives the general overview for battery swap systems, for the purposes of swapping batteries of electric road vehicles when the vehicle powertrain is turned off and when the battery swap system is connected to the supply network at standard supply voltages according to IEC 60038 with a rated voltage up to 1 000 V AC and up to 1 500 V DC. This document is applicable for battery swap systems for EV equipped with one or more – swappable battery systems (SBS), or – handheld-swappable battery systems (HBS). This document provides guidance for interoperability. This document applies to • battery swap systems supplied from on-site storage systems (for example buffer batteries etc), • manual, mechanically assisted and

automatic systems, • battery swap systems intended to supply SBS/HBS having communication allowing to identify the battery system characteristics, and • battery swap systems intended to be installed at an altitude of up to 2 000 m. This document is not applicable to • aspects related to maintenance and service of the battery swap station (BSS), • trolley buses, rail vehicles and vehicles designed primarily for use off-road, • maintenance and service of EVs, • safety requirements for mechanical equipment covered by the ISO 10218 series, • locking compartments systems providing AC socket-outlets for the use of manufacturer specific voltage converter units and manufacturer specific battery systems, • electrical devices and components, which are covered by their specific product standards, • any fix-installed equipment of EV, which is covered by ISO, and • EMC requirements for on-board equipment of EV while connected to the BSS. This first edition cancels and replaces the first edition of IEC TS 61280-1 published in 2016. This edition includes the following significant technical changes with respect to IEC TS 61280-1:2016: a) expanded scope to include handheld-swappable battery systems (HBS) and guidance on interoperability; b) added definitions for "handheld-swappable battery system" (HBS) and expanded related terms such as "SBS/HBS coupler," "SBS/HBS charger," etc; c) added classifications based on supply network characteristics, connection method, access and type of BSS; d) added support for HBS, detailing the different compositions and workflows for type A (SBS) and type B (HBS) battery swap stations; e) added requirements for functional interoperability, interface interoperability, data interoperability, operational interoperability, compatibility with legacy systems, and scalability; f) added requirements for communication, protection against electric shock, specific requirements for accessories), cable assembly requirements, BSS constructional requirements, overload and short circuit protection, EMC, emergency switching or disconnect, marking and instructions; g) expanded annex content, adding solutions for manual swapping stations for motorcycles with HBS and updating use cases.

Keel: en
Alusdokumendid: IEC 62840-1:2025; EN IEC 62840-1:2025

45 RAUDTEETEHNIKA

EVS-EN 14752:2025

Railway applications - Bodyside entrance systems for rolling stock

This document applies to passenger body side entrance systems of all newly designed railway vehicles such as tram, metro, suburban, main-line and high-speed trains that carry passengers. The requirements of this document also apply to existing vehicles undergoing refurbishment of the door equipment, as far as it is reasonably practicable. This document also specifies the requirements for testing of entrance systems. This document makes reference to manual and power operated entrance systems. For manual doors, clauses referring to power operation are not applicable. This document does not apply to the following: - Entrance systems for equipment access, inspection or maintenance purposes and for crew only use; - Doors on freight wagons; and - Doors or hatches specifically provided for escape under emergency conditions. Where passenger bodyside entrance doors are to be used for staff access, EN 16116-1:2022, EN 16186-4:2019 and EN 16186-8:2022+A1:2024 provide the details for the staff access requirements.

Keel: en
Alusdokumendid: EN 14752:2025
Asendab dokumenti: EVS-EN 14752:2019+A1:2021

EVS-EN 17639:2025

Masinaohtus. Materjalide ja spetsiaalselt volitatud isikute transpordiks mõeldud köisteepaigaldised. Üldised ohutusnõuded
Safety of machinery - Cableway installations designed for the transport of material and specially designated persons - General safety requirements

This Type C standard document applies to fixed cableways operating as single-cable or bi-cable aerial ropeways operating on a single-track or dual-track for the transport - of goods to supply goods to and dispose of waste from mountain huts and shelters and - of specially designated persons. This document does not apply to: - cableways primarily designed, constructed or operated mainly for the transport of persons and subject to Regulation (EU) 2016/424; - portable cableways; - lifts; - funicular railways; - fixed and portable equipment used exclusively for leisure and pleasure purposes and not for the transport of persons; - water ski lifts; - agricultural and forestry installations; - rope crane installations and crane installations; - mining installations or other installations set up and used for industrial purposes; - drilling equipment. This document deals with the significant hazards arising from the construction and operation of the aforementioned cableways and measures to eliminate or reduce these hazards, provided that these cableways are used in accordance with their intended purpose and that the remaining residual risk has been anticipated and accepted by the manufacturer. A full list of all risks considered under EN ISO 12100:2010 is shown at Appendix A. The requirements under this document do not apply to equipment and systems manufactured or placed on the market before the date that this document is published. In the event that there are changes to the existing cableways, these changes must be assessed in terms of their impact on safety in accordance with EN ISO 12100:2010. If this assessment shows that the intended changes do not constitute a significant change pursuant to the Machinery Directive, the requirements under this document must in all cases be fulfilled by the assemblies/components concerned. In the following sections, for reasons of simplification, the term cableway is used on its own to cover the types of equipment covered by this standard. This document does not cover: - hazards caused by noise; - hazards caused by vibration; - hazards caused by explosion; - hazards caused by electromagnetic influences (EMC). NOTE Directive 2014/30/EU regarding electromagnetic compatibility may be used for machinery or components in accordance with this standard. This standard is not intended as a means of proving compliance with the basic health and safety requirements of the aforementioned directive or the aforementioned hazards.

Keel: en
Alusdokumendid: EN 17639:2025

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 13155:2020+A1:2025

Kraanad. Ohutus. Kinnituseta koormuse tõstmise vahendid
Crane - Safety - Non-fixed load lifting attachments

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

Keel: en
Alusdokumendid: EN 13155:2020+A1:2025
Asendab dokumenti: EVS-EN 13155:2020

EVS-EN 17076:2020+A1:2025

Tornkraanad. Kokkupõrkevastased süsteemid. Ohutusnõuded
Tower cranes - Anti-collision systems - Safety requirements

This document specifies the safety characteristics and the requirements: - of anti-collision devices and systems intended for installation on self-erecting tower cranes and tower cranes erected from parts for construction work (as defined in EN 14439:2006+A2:2009) to avoid: - the risks of collision between several cranes; - the risks of collision between a crane in service and fixed obstacles; - travelling over prohibited zones; - of working range limiting devices. NOTE Anti-collision devices and systems and working range limiting devices according to this document are safety components. This document deals with all significant hazards, hazardous situations and events relevant to anticollision devices and systems installed on tower cranes, when used as intended and under conditions foreseen by the manufacturer. This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards (see Clause 4). This document is not applicable to anti-collision devices and systems which are manufactured before the date of publication by CEN of this document.

Keel: en
Alusdokumendid: EN 17076:2020+A1:2025
Asendab dokumenti: EVS-EN 17076:2020

EVS-EN ISO 23308-1:2025

Energy efficiency of industrial trucks - Test methods - Part 1: General (ISO 23308-1:2025)

This document specifies general test criteria and requirements to measure the energy consumption for self-propelled industrial trucks (hereinafter referred to as trucks) during operation. For electric trucks, the efficiency of the battery and the battery charger is included. ISO 23308-2, ISO 23308-3, ISO 23308-4 and ISO 23308-6 contain additional, truck-specific requirements which build on those expressed in this document. This document is applicable to the in-use phase of the product life cycle. It applies to the following truck types as defined in ISO 5053-1: — counterbalance lift truck; — articulated counterbalance lift truck; — reach truck (with retractable mast or fork arm carriage); — straddle truck; — pallet-stacking truck; — pallet truck; — platform and stillage truck; — end-controlled pallet truck; — order-picking truck; — centre-controlled order-picking truck; — towing tractor; — pushing tractor; — burden and personnel carrier; — lorry-mounted truck; — towing and stacking tractor; — side-loading truck (one side only); — variable-reach container handler; — counterbalance container handler; — lateral-stacking truck (both sides); — lateral-stacking truck (three sides); — multi-directional lift truck; — variable-reach truck; — platform truck; — double-stacker; — rough-terrain truck; — rough-terrain variable-reach truck; — slewing rough-terrain variable-reach truck; — stacking high-lift straddle carrier.

Keel: en
Alusdokumendid: ISO 23308-1:2025; EN ISO 23308-1:2025
Asendab dokumenti: EVS-EN 16796-1:2016

EVS-EN ISO 23308-2:2025

Energy efficiency of industrial trucks - Test methods - Part 2: Operator-controlled self-propelled trucks, burden and personnel carriers and towing tractors (ISO 23308-2:2025)

This document specifies the method of energy consumption measurement for the following types of industrial trucks as defined in ISO 5053-1: — counterbalance lift truck; — articulated counterbalance lift truck; — reach truck (with retractable mast or fork arm carriage); — straddle truck; — pallet-stacking truck; — pallet truck; — platform and stillage truck; — end-controlled pallet truck; — order-picking truck; — centre-controlled order-picking truck; — towing tractor; — pushing tractor; — burden and personnel carrier; — towing and stacking tractor; — side-loading truck (one side only); — lateral-stacking truck (both sides); — lateral-stacking truck (three sides); — multi-directional lift truck.

Keel: en

Alusdokumendid: ISO 23308-2:2025; EN ISO 23308-2:2025
Asendab dokumenti: EVS-EN 16796-2:2016

EVS-EN ISO 23308-3:2025

Energy efficiency of industrial trucks - Test methods - Part 3: Container handling lift trucks (ISO 23308-3:2025)

This document specifies the method of energy consumption measurement for the following types of industrial trucks as defined in ISO 5053-1: — variable-reach container handler; — counterbalance container handler.

Keel: en
Alusdokumendid: ISO 23308-3:2025; EN ISO 23308-3:2025
Asendab dokumenti: EVS-EN 16796-3:2016

EVS-EN ISO 23308-6:2025

Energy efficiency of industrial trucks - Test methods - Part 6: Container straddle carrier (ISO 23308-6:2025)

This document specifies the methods of energy consumption measurement for the following type of industrial trucks as defined in ISO 5053-1: — stacking high-lift straddle carrier (hereafter referred to as straddle carrier), as defined in ISO 5053-1:2020, 3.19.

Keel: en
Alusdokumendid: ISO 23308-6:2025; EN ISO 23308-6:2025

EVS-EN ISO 284:2025

Conveyor belts - Electrical conductivity - Specification and test method (ISO 284:2025)

This document specifies the maximum electrical resistance of a conveyor belt and the corresponding test method. The test is intended to ensure that the belt is sufficiently conductive to avoid the accumulation of electrical static charge which can be developed during service use. This document is not suitable or applicable to light conveyor belts as described in ISO 21183-1, the static electrical properties of which are measured by ISO 21178.

Keel: en
Alusdokumendid: ISO 284:2025; EN ISO 284:2025
Asendab dokumenti: EVS-EN ISO 284:2012

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 415-2:2025

Pakkemasinate ohutus. Osa 2: Jäikade valmisanumate pakkemasinad
Safety of packaging machines - Part 2: Packaging machines for pre-formed rigid containers

This document applies to the following machines and to machines which incorporate more than one function as listed below. The document also applies to partly completed machinery as far as conformity is claimed for certain essential health and safety requirements. This document deals with the following machines handling rigid containers including: - unscrambling machines; - cap removing machines; - cleaning machines; - sanitizing machines; - filling machines; - capping, closing and sealing machines; - closure securing machines; - inspection machines; - labelling machines; - decorating machines; - heating- and cooling machines for packed product, working at atmospheric pressure; - sterilizing machines (others than heat treatment) with one or more of the following functions: cleaning, sanitizing, pasteurizing, filling, labelling, closing, sealing or inspecting and handling pre-formed rigid containers including their closures. This document also deals with equipment when it is part of a machine listed above: - conveyors; - vacuum or magnetic transfer conveyors; - dispose or eject devices (pushers); - keg stopping devices; - keg lift and inverting machines; - extraction or ventilation system or blowers; - hoppers; - rotary mechanisms; - coding and marking equipment incorporated in a packaging machine; - hot foil coders; - laser coders; - ink jet coders; - emboss coders. The individual machines are described in 3.2. This document deals with safety requirements and their verification for machine design, construction and information applicable to installation, commissioning, operation, adjustment, maintenance, cleaning, dismantling of packaging machines for pre-formed rigid containers. The extent to which hazards, hazardous situations and events are covered is indicated in Annex B. NOTE The hazards on a specific machine can vary depending on its working principle; the type, size and mass of the product; the packaging material; auxiliary equipment attached to the machine and the environment in which the machine is used. If the machine presents hazards that are not covered by this document or EN 415-10, the manufacturer can assess these hazards and take measures by using the principles detailed in EN ISO 12100:2010. Exclusions This document is not applicable to the following machines: - machines that were manufactured before the date of publication of this document by CEN; - machines for cups or trays or tubs made of a foil of plastic, aluminium or paper, which are the subject of EN 415-3; - aerosol filling and sealing machines; - filling machines for gas; - autoclaves; - conveyors which link packaging machines but are not integrated in packaging machines or part of packaging machines; - blow moulding machines; NOTE See EN 422:2009: - sleeve label removing machines. This document does not consider the following hazards: - the use of packaging machines in potentially explosive atmospheres not generated by the machine itself; - hazards associated with packing explosives; - hazards arising from ancillary equipment, which is not part of the machine, e.g. equipment for evacuating gases, for cooling or refrigeration, for the supply of steam, energy or product.

Keel: en
Alusdokumendid: EN 415-2:2025
Asendab dokumenti: EVS-EN 415-2:2000

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 13433:2025

Geosynthetics - Determination of dynamic perforation (cone drop test) (ISO 13433:2025)

This document specifies a method to determine the resistance of geosynthetics to dynamic penetration by a steel cone dropped from a fixed height. The method is generally applicable to geosynthetics. However, the applicability of this test for some types of products (such as e.g. GGR,GCE, GST,GBR) should be considered carefully .

Keel: en
Alusdokumendid: ISO 13433:2025; EN ISO 13433:2025
Asendab dokumenti: EVS-EN ISO 13433:2006

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 18057:2025

Food authenticity - Quantitation of roe deer DNA relative to mammalian DNA in meat and meat products by real-time PCR

This document specifies a real-time PCR procedure for the quantitation of the amount of roe deer DNA relative to total mammalian DNA in meat and meat products. Results of this roe deer assay are expressed in terms of roe deer (Capreolus capreolus) haploid genome copy numbers relative to total mammalian haploid genome copy numbers. The content of roe deer can also be expressed as mass fraction in % using gravimetrically prepared calibration material from meat mixtures or model samples. The method has been previously validated in a collaborative study and applied to DNA extracted from samples that consist of raw roe deer meat in a raw pig meat background as well as raw and boiled sausages. The limit of detection of the roe deer PCR has been determined experimentally to be at least 5 target gene copies or at least 0,1 % roe deer. The compliance assessment process is not part of this document.

Keel: en
Alusdokumendid: EN 18057:2025

71 KEEMILINE TEHNOLOOGIA

EVS-EN 17914:2025

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of virucidal activity in the food, industrial, domestic and institutional area - Test method and requirements (Phase 2/Step 1)

This document specifies a test method and the minimum requirements for virucidal activity of chemical disinfectant and antiseptic products that form a homogeneous physically stable preparation when diluted with hard water or, in the case of ready-to-use products (i.e. products that are not diluted when applied), with water. Products can only be tested at a concentration of 80 % (97 %, with a modified method for special cases) as some dilution is always produced by adding the test organisms and interfering substance. This document is applicable to products that are used in the food, industrial, domestic and institutional area for surface disinfection by wiping, spraying, flooding or otherwise, and for disinfection of textile and equipment, excluding areas and situations where disinfection is medically indicated. This document does not apply to hand disinfection and hygienic hand washing products, as this is medically indicated in most cases. For hand disinfection and hygienic hand washing products, refer to EN 14476. This document does not apply to products used on living tissues and excluding products which fall under the scope of EN 17272. This document is applicable at least to the following: a) processing, distribution and retailing of: - food of animal origin: - milk and milk products; - meat and meat products; - fish, seafood, and related products; - eggs and egg products; - animal feeds; - etc.; - food of vegetable origin: - beverages; - fruits, vegetables and derivatives (including sugar, distillery, etc.); - flour, milling and baking; - animal feeds; - etc.; b) institutional and domestic areas: - catering establishments; - public areas; - public transports; - schools; - nurseries; - shops; - sports rooms; - waste containers (bins, etc.); - hotels; - dwellings; - clinically non sensitive areas of hospitals; - offices; - etc.; c) industries other than food: - packaging material; - biotechnology (yeast, proteins, enzymes, etc.); - pharmaceutical; - cosmetics and toiletries; - textiles; - space industry, computer industry; - etc. NOTE EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

Keel: en
Alusdokumendid: EN 17914:2025

EVS-EN 17915:2025

Chemical disinfectants and antiseptics - Quantitative non-porous surface test without mechanical action for the evaluation of virucidal activity of chemical disinfectants used in the food, industrial, domestic and institutional area - Test method and requirements (phase 2, step 2).

This document specifies a test method and the minimum requirements for virucidal activity of chemical disinfectants that form a homogeneous physically stable preparation when diluted with hard water or, in the case of ready-to-use products, with water. This document applies to products that are used in the food, industrial, domestic and institutional area for disinfecting non-porous surfaces without mechanical action, excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues. This document applies at least to the following: a) processing, distribution and retailing of: 1) food of animal origin: - milk and milk products; - meat and meat products; - fish, seafood, and related products; - eggs and egg products; - animal feeds; - etc.; 2) food of vegetable origin: - beverages; - fruits, vegetables and derivatives (including sugar, distillery, etc.); - flour, milling and baking; - animal feeds; - etc.; b) institutional and domestic areas: - catering establishments; - public areas; -

public transports; - schools; - nurseries; - shops; - sports rooms; - waste containers (bins, etc.); - hotels; - dwellings; - clinically non sensitive areas of hospitals; - offices; - etc.; c) industries other than food: - packaging material; - biotechnology (yeast, proteins, enzymes, etc.); - pharmaceutical; - cosmetics and toiletries; - textiles; - space industry, computer industry; - etc. EN 14885 specifies in detail the relationship of the various tests to one another and to “use recommendations”.

Keel: en
Alusdokumendid: EN 17915:2025

EVS-EN ISO 6143:2025

Gas analysis - Comparison methods for determining and checking the composition of calibration gas mixtures (ISO 6143:2025)

This document specifies methods for: — determining the composition of a calibration gas mixture by comparison with appropriate reference gas mixtures; — calculating the uncertainty of the composition of a calibration gas mixture in relation to the known uncertainty of the composition of the reference gas mixtures with which it was compared; — checking the composition attributed to a calibration gas mixture by comparison with appropriate reference gas mixtures; — consistency testing and outlier search in suites of calibration gas mixtures of closely related composition. NOTE 1 In principle, the method described in this document is also applicable to the analysis of (largely) unknown samples instead of prospective calibration gas mixtures (i.e. gas mixtures which are intended for use as calibration gas mixtures). Such applications, however, need appropriate care and consideration of additional uncertainty components, for example, concerning the effect of matrix differences between the reference gases used for calibration and the analysed sample. NOTE 2 Comparison methods based on one- and two-point calibration are described in ISO 12963.

Keel: en
Alusdokumendid: ISO 6143:2025; EN ISO 6143:2025
Asendab dokumenti: EVS-EN ISO 6143:2006

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 16486-4:2025

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 4: Valves (ISO 16486-4:2025)

This document specifies the characteristics of valves made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels. NOTE 1 For the purpose of this document the term gaseous fuels include for example natural gas, methane, butane, propane, hydrogen, manufactured gas, biogas, and mixtures of these gases. Additional information about the suitability for 100 % hydrogen and its admixtures with natural gas is given by ISO 16486-1:2023, Annex C and Annex D. It is applicable to isolating unidirectional and bi-directional valves with spigot ends or electrofusion sockets intended to be fused with PA-U pipes conforming to ISO 16486-2 and PA-U fittings conforming to ISO 16486-3. This document also specifies the test parameters for the test methods it describes. In conjunction with ISO 16486-1, ISO 16486-2, ISO 16486-3 and ISO 16486-5, this document is applicable to PA-U valves and their joints and to joints with components of PA-U and other materials intended to be used under the following conditions: a) a maximum operating pressure (MOP) of up to and including 18 bar1), or limited to 16 bar under regional CEN requirements, at a reference temperature of 20 °C for design purposes; NOTE 2 For the purpose of this document and the references to ISO 8233, MOP is considered to be nominal pressure. b) an operating temperature of −20 °C to 40 °C; NOTE 3 For operating temperatures between 20 °C and 40 °C, derating coefficients are specified in ISO 16486-5. This document covers valves for pipes with a nominal outside diameter, dn, ≤400 mm.

Keel: en
Alusdokumendid: ISO 16486-4:2025; EN ISO 16486-4:2025
Asendab dokumenti: EVS-EN ISO 16486-4:2022

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11357-6:2025

Plastics - Differential scanning calorimetry (DSC) - Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) (ISO 11357-6:2025)

This document specifies methods for the determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) of polymeric materials by means of differential scanning calorimetry (DSC). It is applicable to polyolefin resins that are in a fully stabilized or compounded form, either as raw materials or finished products. It can be applicable to other plastics.

Keel: en
Alusdokumendid: ISO 11357-6:2025; EN ISO 11357-6:2025
Asendab dokumenti: EVS-EN ISO 11357-6:2018

EVS-EN ISO 16486-4:2025

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 4: Valves (ISO 16486-4:2025)

This document specifies the characteristics of valves made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels. NOTE 1 For the purpose of this document the term gaseous fuels include for example natural gas, methane, butane, propane, hydrogen, manufactured gas, biogas, and mixtures of these gases. Additional information about the suitability for 100 % hydrogen and its admixtures with natural gas is given by ISO 16486-1:2023, Annex C and Annex D. It is applicable to isolating unidirectional and bi-directional valves with spigot ends or electrofusion

sockets intended to be fused with PA-U pipes conforming to ISO 16486-2 and PA-U fittings conforming to ISO 16486-3. This document also specifies the test parameters for the test methods it describes. In conjunction with ISO 16486-1, ISO 16486-2, ISO 16486-3 and ISO 16486-5, this document is applicable to PA-U valves and their joints and to joints with components of PA-U and other materials intended to be used under the following conditions: a) a maximum operating pressure (MOP) of up to and including 18 bar1), or limited to 16 bar under regional CEN requirements, at a reference temperature of 20 °C for design purposes; NOTE 2 For the purpose of this document and the references to ISO 8233, MOP is considered to be nominal pressure. b) an operating temperature of −20 °C to 40 °C; NOTE 3 For operating temperatures between 20 °C and 40 °C, derating coefficients are specified in ISO 16486-5. This document covers valves for pipes with a nominal outside diameter, dn, ≤400 mm.

Keel: en
Alusdokumendid: ISO 16486-4:2025; EN ISO 16486-4:2025
Asendab dokumenti: EVS-EN ISO 16486-4:2022

85 PABERITEHNOLOOGIA

EVS-EN ISO 9706:2025

Information and documentation - Paper for documents - Requirements for permanence (ISO 9706:2025)

This document specifies the requirements for permanent paper intended for documents. It is applicable to unprinted papers. It is not applicable to boards. NOTE 1 The terms paper and board are defined in ISO 4046-3. This document is not intended for judging the permanence of papers stored under hostile conditions, such as high humidity that can promote microbiological attack, excessive heat, radiation (light or other), high levels of atmospheric pollutants, or the influence of water. NOTE 2 For information on International Standards on paper permanence (ISO 9706), on archival paper permanence and durability (ISO 11108), and on paper stability for general graphic applications (ISO 20494), refer to Annex D.

Keel: en
Alusdokumendid: ISO 9706:2025; EN ISO 9706:2025
Asendab dokumenti: EVS-EN ISO 9706:2001

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 15715:2025

Binders for paints and varnishes - Determination of turbidity (ISO 15715:2025)

This document specifies an instrumental method for determining the turbidity of clear liquids. It is applicable to resins and resin solutions, solvents, clear coating materials, monomers and any other liquids where clarity is specified.

Keel: en
Alusdokumendid: ISO 15715:2025; EN ISO 15715:2025
Asendab dokumenti: EVS-EN ISO 15715:2006

EVS-EN ISO 16276-1:2025

Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating - Part 1: Pull-off testing (ISO 16276-1:2025)

This document specifies procedures for assessing the fracture strength of a protective paint coating of any thickness on a steel substrate of thickness not less than 3 mm. The procedures given in document are based on methods used with different types of pull-off test equipment. The results obtained using such different types of equipment are not comparable. This document is only applicable if a fracture strength value is specified, together with the type of test equipment and the manufacturer of the equipment. Usually, this information is included in contract documentation. This document also specifies suitable equipment and defines inspection areas, sampling plans and acceptance/rejection criteria. It does not give any values of the fracture strength of different protective paint coatings.

Keel: en
Alusdokumendid: ISO 16276-1:2025; EN ISO 16276-1:2025
Asendab dokumenti: EVS-EN ISO 16276-1:2007

91 EHITUSMATERJALID JA EHITUS

EVS-EN 13203-1:2025

Gaasküttega veekuumutusseadmed kodumajapidamises. Osa 1: Sooja tarbevee valmistamise sooritusvõime hindamine
Gas fired domestic appliances producing hot water - Part 1: Assessment of performance of hot water deliveries

This document is applicable to gas-fired appliances producing domestic hot water. It applies to both instantaneous and storage appliances; water-heaters and combination boilers that have: - heat input not exceeding 70 kW; and - hot water storage capacity (if any) not exceeding 500 l. In the case of combination boilers, with or without storage tank, domestic hot water production is integrated or coupled, the whole being marketed as a single unit. This document sets out in qualitative and quantitative terms the performance in delivery of domestic hot water for a selected variety of uses. It also gives a system for presenting the information to the user.

Keel: en
Alusdokumendid: EN 13203-1:2025
Asendab dokumenti: EVS-EN 13203-1:2015

EVS-EN ISO 12628:2022/A1:2025

Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation - Amendment 1 (ISO 12628:2022/Amd 1:2025)

Amendment to EN ISO 12628:2022

Keel: en
Alusdokumendid: ISO 12628:2022/Amd 1:2025; EN ISO 12628:2022/A1:2025
Muudab dokumenti: EVS-EN ISO 12628:2022

EVS-EN ISO 6946:2017/AC:2025

Hoonete piirdetarindid ja komponendid. Soojustakistus ja soojusläbivus. Arvutusmeetodid
Building components and building elements - Thermal resistance and thermal transmittance - Calculation methods

Standardi EVS-EN ISO 6946:2017 parandus.

Keel: et
Parandab dokumenti: EVS-EN ISO 6946:2017

93 RAJATISED

EVS-EN 15610:2019+A1:2025

Raudteealased rakendused. Müratase. Rööpa ja ratta ebatasasuste mõõtmised seoses veeremüra tekkega
Railway applications - Acoustics - Rail and wheel roughness measurement related to noise generation

1.1 This document specifies a direct measurement method for characterizing the surface roughness of the rail and wheel associated with rolling noise ("acoustic roughness"), in the form of a one-third octave band spectrum. This document describes a method for: a) selecting measuring positions along a track or selecting wheels of a vehicle; b) selecting lateral positions for measurements; c) the data acquisition procedure; d) measurement data processing in order to estimate a set of one-third octave band roughness spectra; e) presentation of this estimate for comparison with limits of acoustic roughness; f) comparison with a given upper limit in terms of a one-third octave band wavelength spectrum; g) the measuring system requirements. 1.2 It is applicable to the: a) compliance testing of reference track sections in relation to the acceptance test for noise emitted by railway vehicles; b) performance testing of track sections in relation to noise emitted by railway vehicles; c) acceptance of the running surface condition only in the case where the acoustic roughness is the acceptance criterion; d) assessment of the wheel surface condition as an input for the acoustic acceptance of brake blocks; e) assessment of the wheel and rail roughness as input to the calculation of combined wheel rail roughness; f) diagnosis of wheel-rail noise issues for specific tracks or wheels; g) assessment of the wheel and rail roughness as input to rolling noise modelling; h) assessment of the wheel and rail roughness as input to noise source separation methods. 1.3 It is not applicable to the: a) measurement of roughness (rail roughness, wheel roughness or combined roughness) using an indirect method; b) analysis of the effect of wheel-rail interaction, such as a “contact filter”; c) approval of rail and wheel reprofiling, including rail grinding operations, except for those where the acoustic roughness is specifically the approval criterion (and not the grinding quality criteria as provided in e.g. EN 13231-3); d) characterization of track and wheel geometry except where associated with noise generation.

Keel: en
Alusdokumendid: EN 15610:2019+A1:2025
Asendab dokumenti: EVS-EN 15610:2019

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 50090-6-2:2025

Home and Building Electronic Systems (HBES) - Part 6-2: IoT Semantic Ontology model description

This document defines the HBES Information Model and a corresponding data exchange format for the Home and Building HBES Open Communication System.

Keel: en
Alusdokumendid: EN 50090-6-2:2025
Asendab dokumenti: EVS-EN 50090-6-2:2021

EVS-EN 50731:2025

Durability - Measurement method for the assessment of the reliability of washing machines for household use

This document provides a measurement method to assess the reliability of washing machines for household use. This document defines the functional analysis, limiting events/states, environmental conditions and test conditions of washing machines. It also elaborates on the level of confidence on the measurement results. NOTE 1 The method is based on EN 45552 (General method for the assessment of the durability of energy-related products) and takes into account EN 45554 (General methods for the assessment of the ability to repair, reuse and upgrade energy-related products). This document provides information about the interrelations of reliability, repairability and upgradeability with consideration towards a durability assessment for washing machines for household use. This document provides input/results about the investigation on the assessment of repairability and upgradeability for washing machines for household use. This document is not intended to be used to assess the reliability of: - washing machines, intended for commercial or industrial use; - washer-dryers. NOTE 2 A testing method for washing machines unable to provide heated washing programmes have a low market relevance and will be considered in a future edition of this standard. This document does not address the ability of washing machines to be reused. Product functions related to the safety of washing machines are out of the scope of this document. NOTE 3 EN 60335-2-7 addresses safety requirements for household appliances. It includes aging tests that are relevant to safety. This document is intended to be used for the validation of a reliability declaration.

Keel: en
Alusdokumendid: EN 50731:2025

EVS-EN ISO 10833:2025

Textile floor coverings - Determination of resistance to damage at cut edges using the modified Vettermann drum test (ISO 10833:2025)

This document specifies a method to determine the susceptibility of textile floor coverings to mechanical damage at cut edges. It is applicable to textile floor coverings both as broadloom materials and as tiles and planks.

Keel: en
Alusdokumendid: ISO 10833:2025; EN ISO 10833:2025
Asendab dokumenti: EVS-EN ISO 10833:2019

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 9706:2001
Informatsioon ja dokumentatsioon. Dokumendipaber. Nõuded pikaajaliseks säilitamiseks
Information and documentation - Paper for documents - Requirements for permanence

Keel: en
Alusdokumendid: ISO 9706:1994; EN ISO 9706:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 9706:2025
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 21043-1:2018
Forensic Sciences - Part 1: Terms and definitions (ISO 21043-1:2018)

Keel: en
Alusdokumendid: ISO 21043-1:2018; EN ISO 21043-1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 21043-1:2025
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 16671:2015
Oftalmilised implantaadid. Loputuslahused silmakirurgias
Ophthalmic implants - Irrigating solutions for ophthalmic surgery (ISO 16671:2015)

Keel: en
Alusdokumendid: ISO 16671:2015; EN ISO 16671:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 16671:2025
Muudetud järgmise dokumendiga: EVS-EN ISO 16671:2015/A1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 16671:2015/A1:2017
Oftalmilised implantaadid. Loputuslahused silmakirurgias. Muudatus 1
Ophthalmic implants - Irrigating solutions for ophthalmic surgery - Amendment 1 (ISO 16671:2015/Amd 1:2017)

Keel: en
Alusdokumendid: ISO 16671:2015/Amd 1:2017; EN ISO 16671:2015/A1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 16671:2025
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN IEC 62232:2022
Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure

Keel: en
Alusdokumendid: IEC 62232:2022; EN IEC 62232:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 62232:2025
Standardi staatus: Kehtetu

EVS-EN ISO 9241-112:2017
Ergonomics of human-system interaction - Part 112: Principles for the presentation of information (ISO 9241-112:2017)

Keel: en
Alusdokumendid: ISO 9241-112:2017; EN ISO 9241-112:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-112:2025
Standardi staatus: Kehtetu

EVS-EN ISO 9612:2009
Akustika. Müraeksponsitsiooni määramine töökeskkonnas. Tehniline meetod
Acoustics - Determination of occupational noise exposure - Engineering method

Keel: en, et
Alusdokumendid: ISO 9612:2009; EN ISO 9612:2009+AC:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 9612:2025
Parandatud järgmise dokumendiga: EVS-EN ISO 9612:2009/AC:2012
Standardi staatus: Kehtetu

EVS-EN ISO 9612:2009/AC:2012
Akustika. Müraeksponsitsiooni määramine töökeskkonnas. Tehniline meetod
Acoustics - Determination of occupational noise exposure - Engineering method

Keel: et
Asendatud järgmise dokumendiga: EVS-EN ISO 9612:2025
Standardi staatus: Kehtetu

EVS-ISO 9239-2:2005
Põrandakatete reaktsioonid tulekindluse katsetele.- Osa 2: Leegi levimise kiirus soojuskiirgusel 25 kW/m2
Reaction to fire tests for floorings — Part 2: Determination of flame spread at a heat flux level of 25 kW/m2

Keel: en
Alusdokumendid: ISO 9239-2:2002
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 15610:2019
Raudteealased rakendused. Müratase. Rööpa ja ratta ebatasasuste mõõtmised seoses veeremüra tekkega
Railway applications - Acoustics - Rail and wheel roughness measurement related to noise generation

Keel: en
Alusdokumendid: EN 15610:2019
Asendatud järgmise dokumendiga: EVS-EN 15610:2019+A1:2025
Standardi staatus: Kehtetu

EVS-EN 60684-2:2011
Flexible insulating sleeving - Part 2: Methods of test

Keel: en
Alusdokumendid: IEC 60684-2:2011; EN 60684-2:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60684-2:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62232:2022
Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure

Keel: en
Alusdokumendid: IEC 62232:2022; EN IEC 62232:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 62232:2025
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN ISO 16827:2014
Non-destructive testing - Ultrasonic testing - Characterization and sizing of discontinuities (ISO 16827:2012)

Keel: en
Alusdokumendid: ISO 16827:2012; EN ISO 16827:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 16827:2025
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 7719:2012

Isefikseeruvad täismetall-kuuskantmutrid (tüüp 1). Materjaliklassid 5, 8 ja 10 (ISO 7719:2012)
Prevailing torque type all-metal hexagon nuts, style 1 - Property classes 5, 8 and 10 (ISO 7719:2012)

Keel: en
Alusdokumendid: ISO 7719:2012; EN ISO 7719:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 7719:2025
Parandatud järgmise dokumendiga: EVS-EN ISO 7719:2012/AC:2013 arhiiv
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 50580:2012

Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Erinõuded püstolpihustitele
Safety of hand-held electric motor operated tools - Particular requirements for spray guns

Keel: en
Alusdokumendid: EN 50580:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-2-7:2024
Muudetud järgmise dokumendiga: EVS-EN 50580:2012/A1:2013
Standardi staatus: Kehtetu

EVS-EN 50580:2012/A1:2013

Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Erinõuded püstolpihustitele
Safety of hand-held electric motor operated tools - Particular requirements for spray guns

Keel: en
Alusdokumendid: EN 50580:2012/A1:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-2-7:2024
Standardi staatus: Kehtetu

EVS-EN ISO 5821:2010

Kontaktkeevitus. Punktkeevituse elektroodikatted
Resistance welding - Spot welding electrode caps

Keel: en
Alusdokumendid: ISO 5821:2009; EN ISO 5821:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 5821:2025
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60684-3-282:2010

Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 282: Heat-shrinkable, polyolefin sleeving - Stress control

Keel: en
Alusdokumendid: IEC 60684-3-282:2010; EN 60684-3-282:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60684-3-282:2025
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN ISO 11554:2017

Optics and photonics - Lasers and laser-related equipment - Test methods for laser beam power, energy and temporal characteristics (ISO 11554:2017)

Keel: en
Alusdokumendid: ISO 11554:2017; EN ISO 11554:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 11554:2025
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN IEC 60793-2-50:2019
Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres

Keel: en
Alusdokumendid: IEC 60793-2-50:2018; EN IEC 60793-2-50:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60793-2-50:2025
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TS 13149-8:2013
Public transport - Road vehicle scheduling and control systems - Part 8: Physical layer for IP communication

Keel: en
Alusdokumendid: CEN/TS 13149-8:2013
Asendatud järgmise dokumendiga: CEN/TS 13149-8:2025
Standardi staatus: Kehtetu

EVS-EN 50090-6-2:2021
Home and Building Electronic Systems (HBES)- Part 6-2 IoT Semantic Ontology model description

Keel: en
Alusdokumendid: EN 50090-6-2:2021
Asendatud järgmise dokumendiga: EVS-EN 50090-6-2:2025
Standardi staatus: Kehtetu

EVS-EN ISO 9241-112:2017
Ergonomics of human-system interaction - Part 112: Principles for the presentation of information (ISO 9241-112:2017)

Keel: en
Alusdokumendid: ISO 9241-112:2017; EN ISO 9241-112:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-112:2025
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

CEN/TS 13149-8:2013
Public transport - Road vehicle scheduling and control systems - Part 8: Physical layer for IP communication

Keel: en
Alusdokumendid: CEN/TS 13149-8:2013
Asendatud järgmise dokumendiga: CEN/TS 13149-8:2025
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 14752:2019+A1:2021
Raudteealased rakendused. Veeremi külgmised sissepääsusüsteemid
Railway applications - Bodyside entrance systems for rolling stock

Keel: en
Alusdokumendid: EN 14752:2019+A1:2021
Asendatud järgmise dokumendiga: EVS-EN 14752:2025
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 13155:2020
Kraanad. Ohutus. Kinnituseta koormuse tõstmise vahendid
Crane - Safety - Non-fixed load lifting attachments

Keel: en
Alusdokumendid: EN 13155:2020

Asendatud järgmise dokumendiga: EVS-EN 13155:2020+A1:2025
Standardi staatus: Kehtetu

EVS-EN 16796-1:2016
Energy efficiency of Industrial trucks - Test methods - Part 1: General

Keel: en
Alusdokumendid: EN 16796-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 23308-1:2025
Standardi staatus: Kehtetu

EVS-EN 16796-2:2016
Energy efficiency of Industrial trucks - Test methods - Part 2: Operator controlled self-propelled trucks, towing tractors and burden-carrier trucks

Keel: en
Alusdokumendid: EN 16796-2:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 23308-2:2025
Standardi staatus: Kehtetu

EVS-EN 16796-3:2016
Energy efficiency of Industrial trucks - Test methods - Part 3: Container handling lift trucks

Keel: en
Alusdokumendid: EN 16796-3:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 23308-3:2025
Standardi staatus: Kehtetu

EVS-EN 17076:2020
Tornkraanad. Kokkupõrkevastased süsteemid. Ohutusnõuded
Tower cranes - Anti-collision systems - Safety requirements

Keel: en
Alusdokumendid: EN 17076:2020
Asendatud järgmise dokumendiga: EVS-EN 17076:2020+A1:2025
Standardi staatus: Kehtetu

EVS-EN ISO 284:2012
Conveyor belts - Electrical conductivity - Specification and test method (ISO 284:2012)

Keel: en
Alusdokumendid: ISO 284:2012; EN ISO 284:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 284:2025
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 415-2:2000
Pakkemasinate ohutus. Osa 2: Eelvormitud jäigad konteinerpakkemasinad
Packaging machines safety - Part 2: Pre-formed rigid container packaging machines

Keel: en
Alusdokumendid: EN 415-2:1999
Asendatud järgmise dokumendiga: EVS-EN 415-2:2025
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 13433:2006
Geotekstiil ja samalaadsed tooted. Dünaamiline perforatsioonikatse (koonuse kukkumiskatse)
Geosynthetics - Dynamic perforation test (cone drop test)

Keel: en
Alusdokumendid: ISO 13433:2006; EN ISO 13433:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 13433:2025
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN ISO 6143:2006
Gas analysis - Comparison methods for determining and checking the composition of calibration gas mixtures

Keel: en
Alusdokumendid: ISO 6143:2001; EN ISO 6143:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 6143:2025
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 16486-4:2022
Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 4: Valves (ISO 16486-4:2022)

Keel: en
Alusdokumendid: ISO 16486-4:2022; EN ISO 16486-4:2022
Asendatud järgmise dokumendiga: EVS-EN ISO 16486-4:2025
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11357-6:2018
Plastics - Differential scanning calorimetry (DSC) - Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) (ISO 11357-6:2018)

Keel: en
Alusdokumendid: ISO 11357-6:2018; EN ISO 11357-6:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 11357-6:2025
Standardi staatus: Kehtetu

EVS-EN ISO 16486-4:2022
Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 4: Valves (ISO 16486-4:2022)

Keel: en
Alusdokumendid: ISO 16486-4:2022; EN ISO 16486-4:2022
Asendatud järgmise dokumendiga: EVS-EN ISO 16486-4:2025
Standardi staatus: Kehtetu

85 PABERITEHNOLOOGIA

EVS-EN ISO 9706:2001
Informatsioon ja dokumentatsioon. Dokumendipaber. Nõuded pikaajaliseks säilitamiseks Information and documentation - Paper for documents - Requirements for permanence

Keel: en
Alusdokumendid: ISO 9706:1994; EN ISO 9706:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 9706:2025
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN 50580:2012
Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Erinõuded püstolpihustitele Safety of hand-held electric motor operated tools - Particular requirements for spray guns

Keel: en
Alusdokumendid: EN 50580:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-2-7:2024
Muudetud järgmise dokumendiga: EVS-EN 50580:2012/A1:2013
Standardi staatus: Kehtetu

EVS-EN 50580:2012/A1:2013
Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Erinõuded püstolpihustitele Safety of hand-held electric motor operated tools - Particular requirements for spray guns

Keel: en

Alusdokumendid: EN 50580:2012/A1:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-2-7:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16276-1:2007

Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a dry film - Part 1: Pull-off testing

Keel: en
Alusdokumendid: ISO 16276-1:2007; EN ISO 16276-1:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 16276-1:2025
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 13203-1:2015

Gaasküttega veekuumutusseadmed kodumajapidamises. Osa 1: Kuuma vee tootmise hindamine
Gas fired domestic appliances producing hot water - Part 1: Assessment of performance of hot water deliveries

Keel: en
Alusdokumendid: EN 13203-1:2015
Asendatud järgmise dokumendiga: EVS-EN 13203-1:2025
Standardi staatus: Kehtetu

EVS-EN ISO 15715:2006

Binders for paints and varnishes - Determination of turbidity

Keel: en
Alusdokumendid: ISO 15715:2003; EN ISO 115715:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 15715:2025
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 15610:2019

Raudteealased rakendused. Müratase. Rööpa ja ratta ebatasasuste mõõtmised seoses veeremüra tekkega
Railway applications - Acoustics - Rail and wheel roughness measurement related to noise generation

Keel: en
Alusdokumendid: EN 15610:2019
Asendatud järgmise dokumendiga: EVS-EN 15610:2019+A1:2025
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 50090-6-2:2021

Home and Building Electronic Systems (HBES)- Part 6-2 IoT Semantic Ontology model description

Keel: en
Alusdokumendid: EN 50090-6-2:2021
Asendatud järgmise dokumendiga: EVS-EN 50090-6-2:2025
Standardi staatus: Kehtetu

EVS-EN ISO 10833:2019

Textile floor coverings - Determination of resistance to damage at cut edges using the modified Vettermann drum test (ISO 10833:2017)

Keel: en
Alusdokumendid: ISO 10833:2017; EN ISO 10833:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 10833:2025
Standardi staatus: Kehtetu

EVS-ISO 9239-2:2005

Põrandakatete reaktsioonid tulekindluse katsetele.- Osa 2: Leegi levimise kiirus soojuskiirgusel 25 kW/m2

Reaction to fire tests for floorings — Part 2: Determination of flame spread at a heat flux level of 25 kW/m2

Keel: en
Alusdokumendid: ISO 9239-2:2002
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN 15016-2:2023/prA1
Railway applications - Technical documents - Part 2: Parts lists

This document specifies the preparation and reproduction of design parts lists. This document defines the basic principles and structure of design parts lists. This document is applicable to all design parts lists for railway applications.

Keel: en
Alusdokumendid: EN 15016-2:2023/prA1
Muudab dokumenti: EVS-EN 15016-2:2023

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 18235-1
Trusted data transactions - Part 1: Terminology, concepts and mechanisms

This document provides terminology, concepts and a description of mechanisms in the field of data exchange focusing on trusted data transactions. Those elements can be used in the development of standards in support of trusted data transactions and constitute a basis to identify key dimensions and criteria that contribute to the trust in a data transaction between interested parties. Therefore, those elements constitute a foundational understanding on which trusted data transactions can be based, independently of any architectural choices or technical implementation.

Keel: en
Alusdokumendid: prEN 18235-1

Arvamusküsitluse lõppkuupäev: 29.08.2025

11 TERVISEHOOLDUS

prEN ISO 10328
Prosthetics - Structural testing of lower-limb prostheses - Requirements and test methods (ISO/DIS 10328:2025)

ISO 10328:2016 is suitable for the assessment of the conformity of lower limb prosthetic devices/structures with the strength requirements specified in 4.4 of ISO 22523:2006 (see NOTE 1). Prosthetic ankle-foot devices and foot units on the market, which have demonstrated their compliance with the strength requirements specified in 4.4 of ISO 22523:2006 through submission to the relevant tests of ISO 10328:2006, need not be retested to ISO 22675:2016. WARNING - ISO 10328:2016 is not suitable to serve as a guide for the selection of a specific lower limb prosthetic device/structure in the prescription of an individual lower limb prosthesis! Any disregard of this warning can result in a safety risk for amputees. ISO 10328:2016 specifies procedures for static and cyclic strength tests on lower-limb prostheses (see NOTE 2) which typically produce compound loadings by the application of a single test force. The compound loads in the test sample relate to the peak values of the components of loading which normally occur at different instants during the stance phase of walking.

Keel: en
Alusdokumendid: ISO/DIS 10328; prEN ISO 10328
Asendab dokumenti: EVS-EN ISO 10328:2016

Arvamusküsitluse lõppkuupäev: 29.08.2025

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 21805:2023/prA1

Guidance and recommendations on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems - Amendment 1 (ISO 21805:2023/DAM 1:2025)

Amendment to EN ISO 21805:2023

Keel: en
Alusdokumendid: ISO 21805:2023/DAmd 1; EN ISO 21805:2023/prA1
Muudab dokumenti: EVS-EN ISO 21805:2023

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 15767-1

Portable equipment for projecting extinguishing agents and firefighting support operations - Portable monitors - Part 1 : General requirements for portable monitor assemblies

This document specifies safety requirements, performance requirements, test methods, instructions for use and maintenance, and marking requirements for portable monitor assemblies. NOTE 1 Additional requirements for water nozzles and foam devices can be found in EN 15767-2 and EN 15767-3 respectively. NOTE 2 Fitting systems are dealt with in national standards or requirements, respectively. This document is applicable to portable monitor assemblies that can be both permanently installed (e.g. on a flange, a vehicle, a fire boat, etc.) and can also be used as portable monitor assemblies. This document can be read in conjunction with either part 2 or 3. This document is not applicable to monitors permanently installed on firefighting and rescue service vehicles, for which requirements are given in EN 1846-3 [2]. This document is not applicable to portable monitor assemblies which are manufactured before its date of publication.

Keel: en
Alusdokumendid: prEN 15767-1
Asendab dokumenti: EVS-EN 15767-1:2009

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 15767-2

Portable equipment for projecting extinguishing agents and firefighting support operations - Portable monitors - Part 2: Water nozzles

In addition to the requirements given in EN 15767-1, this document is applicable to manual water nozzles, including water with fire extinguishing additives. It specifies requirements for safety, performance, classification and designation, as well as test methods, instructions for use and maintenance and marking. This document is not applicable to water nozzles that are manufactured before its date of publication.

Keel: en
Alusdokumendid: prEN 15767-2
Asendab dokumenti: EVS-EN 15767-2:2009

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 15767-3

Portable equipment for projecting extinguishing agents and firefighting support operations - Portable monitors - Part 3: Foam devices

In addition to the requirements given in EN 15767-1, this document applies to devices designed for aspirating air and projecting low expansion foam and, in some cases, inducting foam concentrate. It specifies requirements for safety, performance, classification and designation, as well as test methods, instructions for use and maintenance and marking. This document is not applicable to water nozzles that are manufactured before its date of publication.

Keel: en
Alusdokumendid: prEN 15767-3
Asendab dokumenti: EVS-EN 15767-3:2010

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 18204

Algae and algae products - Determination of the phycocyanin content in Arthrospira (Spirulina)

This document specifies a laboratory method for the quantification of phycocyanin content in the genus Arthrospira (Spirulina) by a spectrophotometric method.

Keel: en
Alusdokumendid: prEN 18204

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 18206

Algae and algae products - Methods of sampling and analysis - Determination of beta carotene, fucoxanthin and lutein content in microalgae

This European standard specifies a laboratory method for the determination of the carotenoid content in microalgae. The method is based on the development of the chlorophyll a standard, which resulted in prEN 18034. This method has been validated for the microalgae species Nannochloropsis and Phaodactylum. This standard is only validated for fucoxanthin, beta carotene and lutein content, but could be used for other carotenoids as well. Given small adaptations to be able to measure smaller concentrations, this method could also be used for macro algae. This standard is developed in CEN/TC 454/WG 6 Product test methods.

Keel: en
Alusdokumendid: prEN 18206

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 18207

Algae and algae products – Determination of the Uronic Acids Content of Brown Seaweed and Alginate Products

This document specifies a method for the quantitative determination of total uronic acids by High-Performance Anion Exchange Chromatography coupled with Pulsed Amperometric Detection (HPAEC-PAD) after acid hydrolysis of the samples. It provides a single analysis method for determining mannuronic, glucuronic, and guluronic acids in brown seaweed and alginate products.

Keel: en
Alusdokumendid: prEN 18207

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 61526:2025

Radiation protection instrumentation - Measurement of personal dose equivalents for X, gamma, neutron and beta radiations - Active personal dosemeters

This document applies to personal dosemeters with the following characteristics: a) They are worn on the trunk, close to the eye, or on the extremities. b) They measure the personal dose equivalents Hp(10), Hp(3), and Hp(0,07), from external X and gamma, neutron (not for Hp(3)), and beta radiations, and may measure the respective personal dose equivalent rates for the same radiations (for alarming purposes). c) They have a digital indication. This indication may or may not be attached. d) They have alarm functions for the personal dose equivalents or personal dose equivalent rates except for hybrid dosemeters. For hybrid dosemeters an alarm function for the personal dose equivalents shall be implemented in the associated readout system.

Keel: en
Alusdokumendid: prEN IEC 61526:2025; IEC 61526:2024
Asendab dokumenti: EVS-EN 61526:2013

Arvamusküsitluse lõppkuupäev: 29.08.2025

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: prEN ISO 17249; ISO/DIS 17249:2025
Asendab dokumenti: EVS-EN ISO 17249:2013
Asendab dokumenti: EVS-EN ISO 17249:2013/AC:2014

Arvamusküsitluse lõppkuupäev: 30.07.2025

prEN ISO 23611-1

Soil quality - Sampling of soil invertebrates - Part 1: Hand-sorting and extraction of earthworms (ISO/DIS 23611-1:2025)

This document specifies a method for sampling and handling earthworms from field soils as a prerequisite for using these animals as bioindicators (e.g. to assess the quality of a soil as a habitat for organisms). This document applies to all terrestrial biotopes in which earthworms occur. The sampling design of field studies in general is given in ISO 18400-101 and guidance on the determination of effects of pollutants on earthworms in field situations is given in ISO 11268-3. These aspects can vary according to the national requirements or the climatic/regional conditions of the site to be sampled (see also Annex C). This document is not applicable for semi-terrestrial soils and it can be difficult to use under extreme climatic or geographical conditions (e.g. in high mountains). Methods for some other soil organism groups, such as collembolans, are covered in other parts of ISO 23611.

Keel: en
Alusdokumendid: ISO/DIS 23611-1; prEN ISO 23611-1
Asendab dokumenti: EVS-EN ISO 23611-1:2018

Arvamusküsitluse lõppkuupäev: 29.08.2025

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 61869-22:2025

Instrument transformers - Part 22: Instrument transformers integrated with other devices with Um = 36 kV - Requirements and tests

This document establishes tests and acceptance criteria for instrument transformers integrated with other devices. This refers to the two main categories: • IT with other devices integrated (for example: Medium Voltage VTs with integrated MV fuses); • IT integrated into other devices (for example ITs integrated into a bushings or cable terminations). The two above categories can be either separable or non-separable components (as example: LPIT added on separable MV termination or embedded into bushing). IT integrated with other devices shall not limit the main characteristics of the devices; in the same way the IT main characteristics shall be preserved in the whole range of use of the devices. Some adjustment or tuning in the test procedures and acceptance criteria have been defined in this standard for the new assembled product (as example, by adding additional accuracy verification). This document indicates solutions in case of conflicts between product standards. For the scope of this document the voltage level considered is above 1000 VAC or 1500 VDC up to Um ≤ 36 kV. The applicability of this standard for values of Um a little higher than 36 kV, as for example Um 40,5 kV available in other IEC standards, is under consideration. NOTE For higher voltage levels it is necessary to make reference to relevant product standards where additional tests are also prescribed.

Keel: en
Alusdokumendid: 38/820/CDV; prEN IEC 61869-22:2025

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 62059-32-1:2025

Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature

The stability of metrological characteristics is one important aspect of durability. This part of IEC 62059 specifies a method for testing the stability of metrological characteristics of AC and DC electricity meters, by operating a test specimen at the upper limit of the specified operating range of temperature, voltage and current for an extended period. This document does not apply to digital revenue meters. Functional performance other than the accuracy of energy measurement is out of the scope of this standard. Note, that from the results of this test, no conclusion can be drawn for the length of period during which the stability of the metrological characteristics will be maintained when the meter is operated under field conditions. This test is intended as a qualitative accelerated life test considering only the high temperature stress and must not be confused with the test of meter error shift due to influence of temperature. Meters designed for operation with Low-Power Instrument Transformers (LPITs as defined in the IEC 61869 series) may be tested for compliance with this document and the relevant IEC 62053 series documents only if such meters and their LPITs are tested together as directly connected meters.

Keel: en
Alusdokumendid: 13/1956/CDV; prEN IEC 62059-32-1:2025
Asendab dokumenti: EVS-EN 62059-32-1:2012

Arvamusküsitluse lõppkuupäev: 29.08.2025

19 KATSETAMINE

prEN IEC 60068-3-6:2025

Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/ humidity chambers

This part of IEC 60068 provides a standardized method of establishing whether temperature as well as temperature and humidity chambers, without specimens, are able to achieve the requirements of the relevant climatic test procedures of IEC 60068-2. This document is intended for users when conducting regular chamber performance monitoring. Guidance on establishing variations and uncertainties of the climatic conditions within environmental test chambers are provided in IEC 60068-3-11. The guidance of that document is intended to be used with an empty climatic test chamber, a chamber containing a test load, or a chamber contain a test specimen undergoing testing. The guidance is particularly applicable when the specimen or test load is large in comparison to the chamber working space, is heat-dissipating or influences the airflow within the chamber. When considering temperature only chambers, the passages in this document related to humidity do not need to be applied.

Keel: en
Alusdokumendid: 104/1114/CDV; prEN IEC 60068-3-6:2025
Asendab dokumenti: EVS-EN IEC 60068-3-6:2018
Asendab dokumenti: EVS-EN IEC 60068-3-6:2018/AC:2018

Arvamusküsitluse lõppkuupäev: 30.07.2025

prEN IEC 62059-32-1:2025

Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature

The stability of metrological characteristics is one important aspect of durability. This part of IEC 62059 specifies a method for testing the stability of metrological characteristics of AC and DC electricity meters, by operating a test specimen at the upper limit of the specified operating range of temperature, voltage and current for an extended period. This document does not apply to digital revenue meters. Functional performance other than the accuracy of energy measurement is out of the scope of this standard. Note, that from the results of this test, no conclusion can be drawn for the length of period during which the stability of the metrological characteristics will be maintained when the meter is operated under field conditions. This test is intended as a

qualitative accelerated life test considering only the high temperature stress and must not be confused with the test of meter error shift due to influence of temperature. Meters designed for operation with Low-Power Instrument Transformers (LPITs as defined in the IEC 61869 series) may be tested for compliance with this document and the relevant IEC 62053 series documents only if such meters and their LPITs are tested together as directly connected meters.

Keel: en
Alusdokumendid: 13/1956/CDV; prEN IEC 62059-32-1:2025
Asendab dokumenti: EVS-EN 62059-32-1:2012

Arvamusküsitluse lõppkuupäev: 29.08.2025

25 TOOTMISTEHNOLOOGIA

prEN IEC 60974-1:2025
Arc welding equipment - Part 1: Welding power sources

This part of IEC 60974 is applicable to power sources for arc welding and allied processes designed for INDUSTRIAL AND PROFESSIONAL USE, and supplied by a voltage not exceeding 1 000 V, BATTERY supplied or driven by mechanical means. This document specifies safety and performance requirements of WELDING POWER SOURCES and PLASMA CUTTING SYSTEMS. This document is not applicable to limited duty arc welding and cutting power sources which are designed mainly for use by layperson and designed in accordance with IEC 60974-6. This document includes requirements for battery-powered WELDING POWER SOURCES and BATTERY packs, which are given in Annex O. This document is not applicable to testing of power sources during periodic maintenance or after repair. NOTE 1 Typical allied processes are electric arc cutting and arc spraying. NOTE 2 AC systems having a nominal voltage between 100 V and 1 000 V are given in Table 1 of IEC 60038:2009. NOTE 3 This document does not include electromagnetic compatibility (EMC) requirements.

Keel: en
Alusdokumendid: 26/776/CDV; prEN IEC 60974-1:2025
Asendab dokumenti: EVS-EN IEC 60974-1:2022
Asendab dokumenti: EVS-EN IEC 60974-1:2022/A11:2022
Asendab dokumenti: EVS-EN IEC 60974-1:2022/A12:2023
Asendab dokumenti: EVS-EN IEC 60974-1:2022/A13:2025
Asendab dokumenti: EVS-EN IEC 60974-1:2022+A11:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 61307:2025
Industrial microwave heating installations - Test methods for the determination of power output

This document specifies test methods for the determination of the efficiency of frequency conversion from the electrical input, and of the available and workload microwave output power in industrial microwave heating installations, as well as operational flexibility. This document is in principle applicable to industrial microwave heating equipment and installations in the frequency range from 300 MHz to 300 GHz but focussed on the microwave ISM frequencies below 6 GHz. This document relates to industrial microwave heating equipment operating as intended by the manufacturer’s specifications for normal operation. This document does not apply to appliances for household and similar use (covered by IEC 60335-2-25:2019), commercial use (covered by IEC 60335-2-90:2015 and IEC 60335-110:2024) or laboratory use (covered by IEC 161010-2-010:2019).

Keel: en
Alusdokumendid: 27/1206/CDV; prEN IEC 61307:2025
Asendab dokumenti: EVS-EN 61307:2011

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 61308:2025
High-frequency dielectric heating installations - Test methods for the determination of power output

This International Standard specifies test methods for the determination of available high frequency power output in equipment for industrial heating and processing of materials. It is in particular applicable to HF generators made available to users as separate units. This document is basically applicable to equipment operating in the frequency range 100 kHz to 300 MHz, as defined in IEC 60519-1:2020, with the following limitations. – This document does not apply to induction heating, which it is possible to carry out in the lower part of the specified frequency band. – The ISM centre frequencies for dielectric heating and processing of industrial interest are narrow bands about 6,78 MHz, 13,56 MHz, 27,12 MHz and 40,68 MHz. – This document is not applicable to: • appliances for household and similar use; • commercial use; • laboratory use; • medical high frequency equipment. NOTE 1 The following criteria are suitable for determination of the classification as industrial equipment: – commercial equipment is typically designed and planned for series production of many identical units, – industrial equipment is typically produced in small series or even as single units. The processed goods are consumed or ready for final use at the end of the heating process. NOTE 2 Heating a workload with dielectric parameters which change significantly in time and/or with temperature, the value of the output power obtained with the actual charge may be different from that obtained with the test load specified in this standard. NOTE 3 For equipment working in designated ISM bands it is required that the frequency remains within the ISM bands according to CISPR11, but the resonant frequency of the circuit varies with the change of dielectric parameters of the load. Therefore, the value of the mean output power in the work cycle can be much lower than the value obtained under the test conditions. This value depends upon the response of the tuning system. This standard relates to equipment normally operating under continuous rated conditions.

Keel: en
Alusdokumendid: 27/1207/CDV; prEN IEC 61308:2025

Asendab dokumenti: EVS-EN 61308:2006

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO/ASTM 52946

Additive manufacturing of metals - Powder bed fusion - Material properties of stainless steel alloys (ISO/ASTM DIS 52946:2025)

This document covers additively manufactured stainless steel components using full-melt powder bed fusion such as electron beam melting and laser melting. The components produced by these processes are used typically in applications that require mechanical properties similar to machined forgings and wrought products. Components manufactured to this specification are often, but not necessarily, post processed via machining, grinding, electrical discharge machining (EDM), polishing, and so forth to achieve desired surface finish and critical dimensions. This document is intended for the use of mechanical engineers to size equipment, purchasers or producers, of additively manufactured components for defining the requirements and ensuring component properties. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: ISO/ASTM DIS 52946; prEN ISO/ASTM 52946

Arvamusküsitluse lõppkuupäev: 29.08.2025

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 17124

Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing liquid or gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles

This document specifies the quality characteristics of liquid or gaseous hydrogen fuel dispensed at hydrogen refuelling stations for use in proton exchange membrane (PEM) fuel cell vehicle systems, and the corresponding quality assurance considerations for ensuring uniformity of the hydrogen fuel.

Keel: en
Alusdokumendid: prEN 17124
Asendab dokumenti: EVS-EN 17124:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 61853-2:2025

Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and nominal module operating temperature measurements

The IEC 61853 series establishes IEC requirements for evaluating PV module performance based on power (watts), energy (joule or watthours) and performance ratio. It is written to be applicable to all PV technologies, including bifacial PV modules, but may not work well for any technology where the module performance changes with time (e.g. modules change their behaviour with light or thermal exposure), or which experience significant non-linearities in any of their characteristics used for the modelling. The purpose of this second part of IEC 61853 is to define procedures for measuring the effects of angle of incidence of the irradiance on the output power of the device, to determine the operating temperature of a module for a specific set of ambient and mounting conditions and measure the spectral responsivity of the module. The described measurements are required as inputs into the module energy rating procedure described in IEC 61853-3. Results of the measurements described in this part, however, may also be used for other purposes, where relevant, e.g. yield prediction with commercially available simulation tools that need spectral responsivity or angle of incidence effect. PV modules to be installed onto buildings (either as building integrated or as building applied photovoltaics, BIPV or BAPV, respectively) may exhibit very peculiar spectral, optical and thermal properties. This document can be applied for the energy rating of these modules and their specificity is illustrated in informative Annex A: however, the reader should be aware that in some of these circumstances the thermal performance of the module under test can be severely affected by the specific mounting configuration. Note: IEC TS 63126 presents an informative annex that can be used as a guidance to get information on operating module temperatures for several locations and mounting configurations. From the 98th 304 percentile maps provided therein, the reader may infer a temperature offset that could be applied to evaluate the effect of mounting configurations to the operating temperatures to be used in the energy rating calculated in Part 3 of this series. The estimation of this offset, however, is outside the scope of this document.

Keel: en
Alusdokumendid: 82/2410/CDV; prEN IEC 61853-2:2025
Asendab dokumenti: EVS-EN 61853-2:2016

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 16994

Solid biofuels and pyrogenic biocarbon - Determination of sulfur and chlorine content (ISO/DIS 16994:2025)

ISO 16994:2016 describes methods for the determination of the total sulfur and total chlorine content in solid biofuels. It specifies two methods for decomposition of the fuel and different analytical techniques for the quantification of the elements in the decomposition solutions. The use of automatic equipment is also included in ISO 16994:2016, provided that a validation is carried out as specified and that the performance characteristics are similar to those of the method described in ISO 16994:2016.

Keel: en
Alusdokumendid: ISO/DIS 16994; prEN ISO 16994
Asendab dokumenti: EVS-EN ISO 16994:2016

Arvamusküsitluse lõppkuupäev: 29.08.2025

29 ELEKTROTEHNIKA

EN 60317-0-1:2014/prA2:2025

Amendment 2 - Specifications for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire

Amendment to EN 60317-0-1:2014.

Keel: en
Alusdokumendid: 55/2067/CDV; EN 60317-0-1:2014/prA2:2025
Muudab dokumenti: EVS-EN 60317-0-1:2014

Arvamusküsitluse lõppkuupäev: 29.08.2025

EN IEC 60743:2013/prA1:2025

Amendment 1 - Live working - Terminology for tools, devices and equipment

This document applies to the terminology used to describe tools, devices, equipment and methods used in live working. It standardizes the name of tools, devices and equipment and permits their identification by providing definitions and illustrations. NOTE: The document is also applicable to other working procedures when the described tools devices and equipment are used to protect the workers.

Keel: en
Alusdokumendid: 78/1521/CDV; EN IEC 60743:2013/prA1:2025
Muudab dokumenti: EVS-EN 60743:2013

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 60034-8:2025

Rotating electrical machines - Part 8: Terminal markings and direction of rotation

This part of IEC 60034 applies to a.c. and d.c. machines and specifies a) rules for the identification of winding connection points; b) marking of winding terminals; c) direction of rotation; d) relationship between terminal markings and direction of rotation; e) terminal marking of auxiliary devices; f) connection diagrams of machines for common applications.

Keel: en
Alusdokumendid: 2/2246/CDV; prEN IEC 60034-8:2025
Asendab dokumenti: EVS-EN 60034-8:2007
Asendab dokumenti: EVS-EN 60034-8:2007/A1:2014

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 60851-5:2025

Winding wires - Test methods - Part 5: Electrical properties

This part of IEC 60851 specifies the following tests: – Test 5: Electrical resistance; – Test 13: Breakdown voltage; – Test 14: Continuity of insulation; – Test 19: Dielectric dissipation factor; – Test 23: Pin hole. For definitions, general notes on methods of test and the complete series of methods of test for winding wires, see IEC 60851-1.

Keel: en
Alusdokumendid: 55/2066/CDV; prEN IEC 60851-5:2025
Asendab dokumenti: EVS-EN 60851-5:2008
Asendab dokumenti: EVS-EN 60851-5:2008/A1:2011
Asendab dokumenti: EVS-EN 60851-5:2008/A2:2019

Arvamusküsitluse lõppkuupäev: 29.08.2025

31 ELEKTROONIKA

prEN IEC 60297-3-101:2025

Mechanical structures for electrical and electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-101: Subracks and associated plug-in units

This part of IEC 60297 specifies the basic dimensional relationship of a modular range of subracks and associated plug-in units in compliance with the IEC 60297 series. The purpose of this standard is to specify dimensions which will ensure dimensional interchangeability of subracks and associated plug-in units. Connector related dimensions are limited to "inspection dimensions" only. For mechanical and climatic tests refer to IEC 61587-1. For electromagnetic shielding performance tests refer to IEC 61587-3. For seismic tests refer to IEC 61587-5.

Keel: en
Alusdokumendid: 48D/784/CDV; prEN IEC 60297-3-101:2025
Asendab dokumenti: EVS-EN 60297-3-101:2004

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 60297-3-102:2025

Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-102: Injector/extractor handle

This part of IEC 60297 specified only the additional interface dimensions for injection/extractor devices used with subracks and plug-in units according to IEC 60297-3-101. This standard may also be used in conjunction with IEC 60297-3-102.

Keel: en
Alusdokumendid: 48D/785/CDV; prEN IEC 60297-3-102:2025
Asendab dokumenti: EVS-EN 60297-3-102:2004

Arvamusküsitluse lõppkuupäev: 29.08.2025

33 SIDETEHNIKA

prEN 300 440-2 V3.1.0

Lähitoimeseadmed (SRD), mis töötavad sagedusvahemikus 1 GHz kuni 40 GHz; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 2: Raadiotuvastuse seadmed asukoha jälgimise rakendusteks, mis töötavad sagedusvahemikus 2,4 GHz kuni 2,4835 GHz Short Range Devices (SRD) operating in 1 GHz to 40 GHz; Harmonised Standard for access to radio spectrum; Part 2: Radiodetermination equipment for location tracking applications operating in the frequency range 2,4 GHz to 2,4835 GHz

The present document specifies technical requirements, limits, and test methods for radiodetermination equipment for location tracking applications operating in the frequency range 2,4 GHz to 2,4835 GHz. Further details of the covered equipment can be found in clause 4.2 of the present document. 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 300 440-2 V3.1.0

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 319 401 V3.2.0

Electronic Signatures and Trust Infrastructures (ESI); General Policy Requirements for Trust Service Providers

The present document specifies general policy requirements relating to Trust Service Providers (TSPs) that are independent of the type of TSP. It defines policy requirements on the operation and management practices of TSPs. Other specifications refine and extend these requirements as applicable to particular forms of TSP. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. The present document aims to support the requirements on NIS2 Directive and addresses the general requirements for security management and cybersecurity of trust services (qualified and non-qualified). NOTE: See ETSI EN 319 403-1 for details about requirements for conformity assessment bodies assessing Trust Service Providers.

Keel: en
Alusdokumendid: Draft ETSI EN 319 401 V3.2.0

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 60794-1-128:2025

Optical fibre cables - Part 1-128: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Cable and fibre mechanical reliability test, Method E28

This part of IEC 60794 describes test procedures for the mechanical reliability of optical cables and fibres. This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units.

Keel: en
Alusdokumendid: 86A/2575/CDV; prEN IEC 60794-1-128:2025

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 61754-2:2025

Fibre optic connector interfaces - Part 2: Type BFOC/2,5 connector family

This part of IEC 61754 defines the standard interface dimensions for type BFOC/2,5 family of connectors.

Keel: en
Alusdokumendid: 86B/5057/CDV; prEN IEC 61754-2:2025
Asendab dokumenti: EVS-EN 61754-2:2002

Arvamusküsitluse lõppkuupäev: 29.08.2025

35 INFOTEHNOLOOGIA

EVS-ISO/IEC 10646:2025/prA1

Infotehnoloogia. Universaalne koodimärgistik (UCS). Muudatus 1: Todhri, Garay, Tulu-Tigalari, Sunuwari, Gurungi Khema, Kirat Rai ja muud märgid
Information technology — Universal coded character set (UCS) — Amendment 1: Todhri, Garay, Tulu-Tigalari, Sunuwar, Gurung Khema, Kirat Rai, and other characters (ISO/IEC 10646:2020/Amd 2:2025, identical)

Standardi EVS-ISO/IEC 10646:2025 muudatus

Keel: en
Alusdokumendid: ISO/IEC 10646:2020/Amd 2:2025
Muudab dokumenti: EVS-ISO/IEC 10646:2025

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 18235-1

Trusted data transactions - Part 1: Terminology, concepts and mechanisms

This document provides terminology, concepts and a description of mechanisms in the field of data exchange focusing on trusted data transactions. Those elements can be used in the development of standards in support of trusted data transactions and constitute a basis to identify key dimensions and criteria that contribute to the trust in a data transaction between interested parties. Therefore, those elements constitute a foundational understanding on which trusted data transactions can be based, independently of any architectural choices or technical implementation.

Keel: en
Alusdokumendid: prEN 18235-1

Arvamusküsitluse lõppkuupäev: 29.08.2025

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 63584-210:2025

Open Charge Point Protocol 2.1 (Fast track process)

The Open Charge Point Protocol (OCPP) provides the communication between a Charging Station and a Charging Station Management System (CSMS) and is designed to accommodate any type of charging technique.

Keel: en
Alusdokumendid: 69/1052/CDV; prEN IEC 63584-210:2025

Arvamusküsitluse lõppkuupäev: 29.08.2025

45 RAUDTEETEHNIKA

EN 15016-2:2023/prA1

Railway applications - Technical documents - Part 2: Parts lists

This document specifies the preparation and reproduction of design parts lists. This document defines the basic principles and structure of design parts lists. This document is applicable to all design parts lists for railway applications.

Keel: en
Alusdokumendid: EN 15016-2:2023/prA1
Muudab dokumenti: EVS-EN 15016-2:2023

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 12929-1

Safety requirements for cableway installations designed to carry persons - General requirements - Part 1: Requirements for all installations

This document specifies the safety requirements applicable to all installations. In particular, it will include new requirements for better taking into account the effects of wind. It will also include new requirements relating to the prevention of accidents and the protection of worker

Keel: en
Alusdokumendid: prEN 12929-1
Asendab dokumenti: EVS-EN 12929-1:2015+A1:2023

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 14363-1

Railway applications - Testing and simulation for the assessment of running characteristics of railway vehicles operated on the heavy rail network - Part 1: General

This document applies to all rail vehicles including OTM’s and Road-rail machines, which are operated on the heavy rail network with standard track gauge 1 435 mm and nominal static vertical wheelset forces up to 350 kN. This document may also be applicable (partly or in full) to: — rail systems with different track layout, e.g. urban rail systems and/or, — rail systems with other than 1 435 mm nominal track gauge. Note: For such rail systems other than 1 435 mm track gauge or urban rail systems, the related post analysis, limit values and test conditions could be different. They are specified nationally taking into account track design and operating conditions. This document contains the common parts of the series as the relationship to other standards, handling of deviations from requirements and general test requirements. These specifications are necessary for the application of the other parts of this series.

Keel: en
Alusdokumendid: prEN 14363-1
Asendab dokumenti: EVS-EN 14363:2016+A2:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 14363-2

Railway applications - Testing and simulation for the acceptance of running characteristics of railway vehicles operated on the heavy rail network - Part 2: Safety against derailment on twisted track

This document applies to all rail vehicles including OTM’s and Road-rail machines, which are operated on the heavy rail network with standard track gauge 1 435 mm and nominal static vertical wheelset forces up to 350 kN. This document may also be applicable (partly or in full) to: — rail systems with different track layout, e.g. urban rail systems and/or, — rail systems with other than 1 435 mm nominal track gauge. Note: For such rail systems other than 1 435 mm track gauge or urban rail systems, the related post analysis, limit values and test conditions could be different. They are specified nationally taking into account track design and operating conditions. This document applies to the assessment of safety against derailment on twisted tracks of rail vehicles which: — are newly developed; — have had relevant design modifications; or — have changes in their operating conditions.

Keel: en
Alusdokumendid: prEN 14363-2
Asendab dokumenti: EVS-EN 14363:2016+A2:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 14363-3

Railway applications - Testing and simulation for the acceptance of running characteristics of railway vehicles operated on the heavy rail network - Part 3: Stationary tests not obligatory on a European level

This document applies to all rail vehicles including OTM’s and Road-rail machines, which are operated on the heavy rail network with standard track gauge 1 435 mm and nominal static vertical wheelset forces up to 350 kN. This document may also be applicable (partly or in full) to: — rail systems with different track layout, e.g. urban rail systems and/or, — rail systems with other than 1 435 mm nominal track gauge. Note: For such rail systems other than 1 435 mm track gauge or urban rail systems, the related post analysis, limit values and test conditions could be different. They are specified nationally taking into account track design and operating conditions. This document contains the assessment of rail vehicles according to stationary test methods that are not obligatory on European level. It includes information about the field of possible applications.

Keel: en
Alusdokumendid: prEN 14363-3
Asendab dokumenti: EVS-EN 14363:2016+A2:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 14363-4

Railway applications - Testing and simulation for the acceptance of running characteristics of railway vehicles operated on the heavy rail network - Part 4: On-track testing

This document applies to all rail vehicles including OTM’s and Road-rail machines, which are operated on the heavy rail network with standard track gauge 1 435 mm and nominal static vertical wheelset forces up to 350 kN. This document may also be applicable (partly or in full) to: — rail systems with different track layout, e.g. urban rail systems and/or, — rail systems with other than 1 435 mm nominal track gauge. Note: For such rail systems other than 1 435 mm track gauge or urban rail systems, the related post analysis, limit values and test conditions could be different. They are specified nationally taking into account track design and operating conditions. This document contains a method to assess the dynamic behaviour of rail vehicles by on-track testing, including simplifications for special vehicles and for extension of the field of application based on similarities, applicable to vehicles which: — are newly developed; — have had relevant design modifications; or — have changes in their operating conditions. The following items are not handled by this document: — the strength of the vehicle and the strength of mounted parts, — passengers and train crew vibration exposure, — ride comfort, — load security and, — effects of cross wind.

Keel: en
Alusdokumendid: prEN 14363-4
Asendab dokumenti: EVS-EN 14363:2016+A2:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 14363-5

Railway applications - Testing and simulation for the acceptance of running characteristics of railway vehicles operated on the heavy rail network - Part 5: Calculations/Simulations

This document applies to all rail vehicles including OTM's and Road-rail machines, which are operated on the heavy rail network with standard track gauge 1 435 mm and nominal static vertical wheelset forces up to 350 kN. This document may also be applicable (partly or in full) to: — rail systems with different track layout, e.g. urban rail systems and/or, — rail systems with other than 1 435 mm nominal track gauge. Note : For such rail systems other than 1 435 mm track gauge or urban rail systems, the related post analysis, limit values and test conditions could be different. They are specified nationally taking into account track design and operating conditions. This document contains methods to replace tests specified in EN 14363-2, EN 14363-3 and EN 14363-4, completely or partly or to support the assessment of rail vehicles according to this document.

Keel: en
Alusdokumendid: prEN 14363-5
Asendab dokumenti: EVS-EN 14363:2016+A2:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 3293

Aerospace series - Bolts, T-head, close tolerance, medium thread length, in heat resisting nickel base alloy NI-P100HT (Inconel 718), uncoated - Classification: 1 275 MPa/650 °C

This document specifies the dimensions of uncoated T-head bolts, close tolerance, with MJ-thread, medium thread length, in heat-resisting nickel base alloy NI-P100HT for aerospace applications. Maximum test temperature of the parts is 650 °C. These bolts are used in aerospace fastening systems mainly stressed in shearing force.

Keel: en
Alusdokumendid: prEN 3293
Asendab dokumenti: EVS-EN 3293:2008

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 3327

Aerospace series - Bolts, double hexagon head, close tolerance, medium thread length, in heat resisting nickel base alloy NI-P100HT (Inconel 718), uncoated - Classification: 1 275 MPa/650 °C

This document specifies the dimensions of uncoated double hexagon head bolts, close tolerance, with MJ-thread, medium thread length, in heat-resisting nickel base alloy NI-P100HT for aerospace applications. Maximum test temperature of the parts is 650 °C. These bolts are used in aerospace fastening systems mainly stressed in shearing force.

Keel: en
Alusdokumendid: prEN 3327
Asendab dokumenti: EVS-EN 3327:2008

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 3613

Aerospace series - Bolts, normal hexagonal head, relieved shank, long thread, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated - Classification: 1 275 MPa/650 °C

This document specifies the characteristics of bolts normal hexagonal head with relieved shank and long thread in heat resisting nickel base alloy NI-PH2601 (Inconel 718), for aerospace applications. Classification: 1 275 MPa /650 °C

Keel: en
Alusdokumendid: prEN 3613
Asendab dokumenti: EVS-EN 3613:2009

Arvamusküsitluse lõppkuupäev: 29.08.2025

53 TÕSTE- JA TEISALDUS-SEADMED

prEN ISO 23308-4

Energy efficiency of industrial trucks - Test methods - Part 4: Variable-reach rough-terrain trucks (ISO/DIS 23308-4:2025)

This document specifies the method of fuel consumption measurement for rough terrain- truck variable-reach trucks as defined in ISO 5053-1, herein after referred to as trucks. It does not apply to slewing trucks having a movement of more than 5° either side of the longitudinal axis. This part is intended to be used in conjunction with ISO 23308-1. Where the requirements of this part differ from that in part 1, requirements in this part 4 will take precedence.

Keel: en
Alusdokumendid: ISO/DIS 23308-4; prEN ISO 23308-4

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 3691-1

Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO/DIS 3691-1:2025)

ISO 3691-1:2011 gives safety requirements and the means for their verification for the following types of self-propelled industrial trucks, as defined in ISO 5053: industrial counterbalanced trucks; reach trucks with retractable mast or retractable fork arm carriage; straddle trucks; pallet-stacking trucks; high-lift platform trucks; trucks with elevating operator position up to 1 200 mm; side-loading trucks (one side only); lateral-stacking trucks (both sides), and lateral- and front-stacking trucks; pallet trucks; bidirectional and multidirectional trucks; tractors with a drawbar pull up to and including 20 000 N; rough-terrain, counterbalanced trucks; industrial trucks powered by battery, diesel, gasoline or LPG (liquefied petroleum gas).

Keel: en
Alusdokumendid: ISO/DIS 3691-1; prEN ISO 3691-1
Asendab dokumenti: EVS-EN ISO 3691-1:2015
Asendab dokumenti: EVS-EN ISO 3691-1:2015/A1:2020
Asendab dokumenti: EVS-EN ISO 3691-1:2015/AC:2016
Asendab dokumenti: EVS-EN ISO 3691-1:2015+A1:2020

Arvamusküsitluse lõppkuupäev: 29.08.2025

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN 18199

Leather - Essential requirements for leather traceability

This document sets the minimum essential elements of traceability and evidence of verification to be present in a leather traceability system, kept by organizations along the animal-to-leather supply chain. It is applicable to all types of leather. This document defines the requirements and related evidence for establishing the traceability of leather back to the originating farms or hunting area. This document can be applied to any organization operating within the leather value chain.

Keel: en
Alusdokumendid: prEN 18199

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 105-C09

Textiles - Tests for colour fastness - Part C09: Colour fastness to domestic and commercial laundering - Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator (ISO/DIS 105-C09:2025)

This part of ISO 105 specifies a method for determining the consumer relevant shade change of textiles, of all kinds, (excluding silk and wool) and in all forms, to domestic/commercial laundering procedures in which a bleach activator (oxygen bleaching system) is used. The colour fastness resulting from oxygen bleaching in this test provides an indication of the shade change behaviour observed after multiple domestic/commercial launderings. This part of ISO 105 is not applicable for the assessment of the dye staining of adjacent fabrics, where suitable methods are described in ISO 105-A04. This part of ISO 105 does not reflect the contribution of optical brighteners, which are present in some commercial washing products, to shade change. This part of ISO 105 specifies a procedure incorporating the use of ECE1) non-phosphate reference detergent, sodium perborate tetrahydrate, and the bleach activator tetra-acetylethylenediamine (TAED). An alternative test procedure using the AATCC 1993 zero phosphate reference detergent (without optical brightener), and incorporating sodium perborate monohydrate and the bleach activator sodium nonanoyloxybenzene sulphonate (SNOBS) is currently under development.

Keel: en
Alusdokumendid: ISO/DIS 105-C09; prEN ISO 105-C09
Asendab dokumenti: EVS-EN ISO 105-C09:2003
Asendab dokumenti: EVS-EN ISO 105-C09:2003/A1:2007

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 25086-1

Textiles - Determination of the snagging resistance of fabrics - Part 1: Mace test method (ISO/DIS 25086-1:2025)

This document describes a test method for the determination of snagging resistance of a fabric using a mace. This test method is applicable to knitted and to woven fabrics.

Keel: en
Alusdokumendid: ISO/DIS 25086-1; prEN ISO 25086-1

Arvamusküsitluse lõppkuupäev: 29.08.2025

65 PÕLLUMAJANDUS

prEN 17968
Rough-terrain variable-reach tractors - Safety requirements and verification for permanently mounted equipment

This document specifies the safety requirements relevant to load-handling functions for rough-terrain variable reach tractors (RTVR tractors). This includes the safety requirements for their permanently mounted equipment (PME). Fork arms are considered to be part of the PME. RTVR tractors can also be equipped with a variety of attachments (e.g. bale spikes, mowers, sweepers). This document deals with all the significant hazards, hazardous situations and events relevant to the operation of the PME of RTVR tractors when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A). This document does not apply to: - rough-terrain variable-reach trucks covered by EN 1459-1:2025; - slewing rough-terrain variable-reach trucks covered by EN 1459-2:2015+A1:2018; - industrial variable reach trucks covered by EN ISO 3691-2:2023; - lorry-mounted variable-reach trucks covered by ISO 20297-1:2017; - variable-reach trucks fitted with tilting or elevating operator position; - mobile cranes covered by EN 13000:2010+A1:2014; - machines designed primarily for earth moving, even if their buckets and blades are replaced with forks (see EN 474 series); - trucks designed primarily with variable length load suspension elements (e.g. chain, ropes) from which the load can swing freely in all directions; - trucks designed primarily for container handling; - trucks on tracks; - trucks with articulated chassis; - front loaders covered by EN 12525:2000+A2:2010; - attachments. Determination and declaration of sound power level is not addressed by this document. This document does not cover sales literature. This document does not address hazards linked to: - operation of the RTVR tractor from a position other than the normal operating position or the remote control; - hybrid power systems; - gas power systems; - gasoline engine systems; - battery power systems. This document does not address hazards which can occur: a) when handling suspended loads which can swing freely (additional requirements are given in EN 1459-4:2024+A1:2025); b) when using RTVR tractors on public roads; c) when operating in potentially explosive atmospheres (additional requirements are given in EN 1755:2024); d) when operating underground; e) when towing trailers; f) when fitted with a personnel work platform (additional requirements are given in EN 1459-3:2015 and EN 1459-9:2021); g) when using system capable of controlling the speed of the RTVR tractor as set by the operator (cruise-control). This document does not provide a method of calculation for fatigue and strength of material. This document is not applicable to RTVR tractors manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 17968
Asendab dokumenti: CEN/TS 1459-8:2018

Arvamusküsitluse lõppkuupäev: 29.08.2025

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 15721
Ethanol as a blending component for petrol - Determination of higher alcohols, methanol and other impurities - Gas chromatographic method

This document specifies a gas chromatographic method for ethanol, in which higher alcohols (propan-1-ol, butan-1-ol, butan-2-ol, 2-methylpropan-1-ol (iso-butanol), 2-methylbutan-1-ol, and 3-methylbutan-1-ol) from (0,1 up to 2,5) mass percentage, methanol from (0,1 up to 3) mass percentage and other impurities, in the range from (0,1 up to 2) mass percentage are determined. Impurities are all the compounds not attributed to the groups of higher alcohols or methanol. NOTE 1 The European ethanol blending component specification [1] sets a limit for the combined result of ethanol + higher alcohols, not the ethanol content itself. The method is developed for non-denatured ethanol samples. With sufficient attention to correct separation of the higher alcohols and other components, determination of hydrocarbons in ethanol that contains denaturants as per EN 15376[1] is possible. Water, if present in the sample, is not included in this analysis, because a signal for water is not visible in the chromatogram. Therefore, if "alcohol content" is called up in a specification, water needs to be considered separately in the calculations. NOTE 2 For the purposes of this document, the term “% (m/m)” is used to represent the mass percentage or mass fraction (ω).

Keel: en
Alusdokumendid: prEN 15721
Asendab dokumenti: EVS-EN 15721:2013

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 17124
Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing liquid or gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles

This document specifies the quality characteristics of liquid or gaseous hydrogen fuel dispensed at hydrogen refuelling stations for use in proton exchange membrane (PEM) fuel cell vehicle systems, and the corresponding quality assurance considerations for ensuring uniformity of the hydrogen fuel.

Keel: en
Alusdokumendid: prEN 17124
Asendab dokumenti: EVS-EN 17124:2022

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 13680

Oil and gas industries including lower carbon energy - Corrosion-resistant alloy seamless products for use as casing, tubing, coupling stock and accessory material - Technical delivery conditions (ISO 13680:2024)

This document specifies the technical delivery conditions for corrosion-resistant alloy seamless tubular products for casing, tubing, coupling stock and accessory material (including coupling stock and accessory material from bar) for two product specification levels: - PSL-1, which is the basis of this document; - PSL-2, which provides additional requirements for a product that is intended to be both corrosion and cracking resistant for the environments and qualification method specified in Annex G and in the ISO 15156 series. At the option of the manufacturer, PSL-2 products can be provided in lieu of PSL-1. NOTE 1 The corrosion-resistant alloys included in this document are special alloys in accordance with ISO 4948-1 and ISO 4948-2. NOTE 2 For the purpose of this document, NACE MR0175 is equivalent to the ISO 15156 series. NOTE 3 Accessory products can be manufactured from coupling stock and tubular material, or from solid bar stock or from bored and heat heat-treated bar stock as covered in Annex F. This document contains no provisions relating to the connection of individual lengths of pipe. This document contains provisions relating to marking of tubing and casing after threading. This document is applicable to the following five groups of products: a) group 1, which is composed of stainless alloys with a martensitic or martensitic/ferritic structure; b) group 2, which is composed of stainless alloys with a ferritic-austenitic structure, such as duplex and super-duplex stainless alloy; c) group 3, which is composed of stainless alloys with an austenitic structure (iron base); d) group 4, which is composed of nickel-based alloys with an austenitic structure (nickel base); e) group 5, which is composed of bar only (Annex F) in age-hardened (AH) nickel-based alloys with austenitic structure. NOTE 4 Not all PSL-1 categories and grades can be made cracking resistant in accordance with the ISO 15156 series and are, therefore, not included in PSL-2.

Keel: en
Alusdokumendid: ISO 13680:2024; prEN ISO 13680

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 16994

Solid biofuels and pyrogenic biocarbon - Determination of sulfur and chlorine content (ISO/DIS 16994:2025)

ISO 16994:2016 describes methods for the determination of the total sulfur and total chlorine content in solid biofuels. It specifies two methods for decomposition of the fuel and different analytical techniques for the quantification of the elements in the decomposition solutions. The use of automatic equipment is also included in ISO 16994:2016, provided that a validation is carried out as specified and that the performance characteristics are similar to those of the method described in ISO 16994:2016.

Keel: en
Alusdokumendid: ISO/DIS 16994; prEN ISO 16994
Asendab dokumenti: EVS-EN ISO 16994:2016

Arvamusküsitluse lõppkuupäev: 29.08.2025

77 METALLURGIA

prEN ISO 13680

Oil and gas industries including lower carbon energy - Corrosion-resistant alloy seamless products for use as casing, tubing, coupling stock and accessory material - Technical delivery conditions (ISO 13680:2024)

This document specifies the technical delivery conditions for corrosion-resistant alloy seamless tubular products for casing, tubing, coupling stock and accessory material (including coupling stock and accessory material from bar) for two product specification levels: - PSL-1, which is the basis of this document; - PSL-2, which provides additional requirements for a product that is intended to be both corrosion and cracking resistant for the environments and qualification method specified in Annex G and in the ISO 15156 series. At the option of the manufacturer, PSL-2 products can be provided in lieu of PSL-1. NOTE 1 The corrosion-resistant alloys included in this document are special alloys in accordance with ISO 4948-1 and ISO 4948-2. NOTE 2 For the purpose of this document, NACE MR0175 is equivalent to the ISO 15156 series. NOTE 3 Accessory products can be manufactured from coupling stock and tubular material, or from solid bar stock or from bored and heat heat-treated bar stock as covered in Annex F. This document contains no provisions relating to the connection of individual lengths of pipe. This document contains provisions relating to marking of tubing and casing after threading. This document is applicable to the following five groups of products: a) group 1, which is composed of stainless alloys with a martensitic or martensitic/ferritic structure; b) group 2, which is composed of stainless alloys with a ferritic-austenitic structure, such as duplex and super-duplex stainless alloy; c) group 3, which is composed of stainless alloys with an austenitic structure (iron base); d) group 4, which is composed of nickel-based alloys with an austenitic structure (nickel base); e) group 5, which is composed of bar only (Annex F) in age-hardened (AH) nickel-based alloys with austenitic structure. NOTE 4 Not all PSL-1 categories and grades can be made cracking resistant in accordance with the ISO 15156 series and are, therefore, not included in PSL-2.

Keel: en
Alusdokumendid: ISO 13680:2024; prEN ISO 13680

Arvamusküsitluse lõppkuupäev: 29.08.2025

91 EHITUSMATERJALID JA EHITUS

EN ISO 21805:2023/prA1

Guidance and recommendations on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems - Amendment 1 (ISO 21805:2023/DAM 1:2025)

Amendment to EN ISO 21805:2023

Keel: en
Alusdokumendid: ISO 21805:2023/DAmd 1; EN ISO 21805:2023/prA1
Muudab dokumenti: EVS-EN ISO 21805:2023

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN IEC 62059-32-1:2025

Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature

The stability of metrological characteristics is one important aspect of durability. This part of IEC 62059 specifies a method for testing the stability of metrological characteristics of AC and DC electricity meters, by operating a test specimen at the upper limit of the specified operating range of temperature, voltage and current for an extended period. This document does not apply to digital revenue meters. Functional performance other than the accuracy of energy measurement is out of the scope of this standard. Note, that from the results of this test, no conclusion can be drawn for the length of period during which the stability of the metrological characteristics will be maintained when the meter is operated under field conditions. This test is intended as a qualitative accelerated life test considering only the high temperature stress and must not be confused with the test of meter error shift due to influence of temperature. Meters designed for operation with Low-Power Instrument Transformers (LPITs as defined in the IEC 61869 series) may be tested for compliance with this document and the relevant IEC 62053 series documents only if such meters and their LPITs are tested together as directly connected meters.

Keel: en
Alusdokumendid: 13/1956/CDV; prEN IEC 62059-32-1:2025
Asendab dokumenti: EVS-EN 62059-32-1:2012

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 10121-1

Test method for assessing the performance of gas-phase air cleaning media and devices for general ventilation - Part 1: Gas-phase air cleaning media (ISO/DIS 10121-1:2025)

ISO 10121-1:2014 aims to provide an objective laboratory test method, a suggested apparatus, normative test sections and normative tests for evaluation of three different solid gas-phase air cleaning media (GPACM) or GPACM configurations for use in gas-phase air cleaning devices intended for general filtration applications. ISO 10121-1:2014 is specifically intended for challenge testing and not for general material evaluation or pore system characterization. The three different types of GPACM identified in ISO 10121-1:2014 are GPACM-LF (particles of different shape and size intended for e.g. Loose Fill applications), GPACM-FL (FLat sheet fabric intended for e.g. flat one layer, pleated or bag type devices) and GPACM-TS (three dimensional structures that are many times thicker than flat sheet and e.g. used as finished elements in a device). The tests are conducted in an air stream and the GPACM configurations are challenged with test gases under steady-state conditions. Since elevated gas challenge concentrations (relative to general ventilation applications) are used, test data should be used to compare GPACM within the same configuration and not for the purpose of predicting performance in a real situation. It is also not implied that different GPACM configurations can be directly compared. The primary intention is to be able to compare like GPACM configurations to like, not between GPACM configurations. Testing of complete devices is described in ISO 10121-2. To ensure objectivity for test equipment suppliers, no specific design of the test apparatus is defined: an example is illustrated in an annex. Instead normative demands for media sample holder design, apparatus properties and validation tests are specified.

Keel: en
Alusdokumendid: ISO/DIS 10121-1; prEN ISO 10121-1
Asendab dokumenti: EVS-EN ISO 10121-1:2014

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 10121-2

Test methods for assessing the performance of gas-phase air cleaning media and devices for general ventilation - Part 2: Gas-phase air cleaning devices (GPACD) (ISO/DIS 10121-2:2025)

ISO 10121-2:2013 aims to provide an objective test method to estimate the performance of any full size gas filtration device (GPACD) for general filtration regardless of media or technique used in the device. In fact, the goal of this part of ISO 10121 is to avoid relating the test data to internal parameters altogether. The benefit with this approach is that customers of GPACDs will be able to concentrate on price/performance and suppliers will have access to a normative and objective test standard that will not require the release of proprietary information or reverse engineering of the product. To ensure objectivity for test equipment suppliers, no specific design of the test apparatus is specified. Instead requirements of apparatus properties and validation tests are specified. However, different design examples in present use are outlined. ISO 10121-2:2013 can also be used with technologies such as scrubbers, absorbers, non-sorptive devices or packed columns as long as they fit into the test apparatus, can be meaningfully judged by the test method and are intended for general ventilation applications, both residential and non residential. Nuclear and military applications are specifically excluded.

Keel: en

Alusdokumendid: ISO/DIS 10121-2; prEN ISO 10121-2
Asendab dokumenti: EVS-EN ISO 10121-2:2013

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEVS 946

Juhised piirdetarindi õhupidavuse tagamise meetmete kasutamiseks
Guidance for improvement of building envelopes airtightness measures

Selles Eesti standardis antakse projekteerijatele ja ehitajatele juhised piirdetarindite õhupidavuse tagamise meetmete valikuks ja rakendamiseks uushoonete ehitamisel ja olemasolevate hoonete renoveerimisel (sh. rekonstrueerimine, restaureerimine ja remont) eesmärgiga vältida ehitatavates ja renoveeritavates hoonetes suuremaid õhulekkeid, tagada hoones tervikuna madal õhulekkearv, mis parandab kokkuvõttes nii piirdetarindite toimivust ja kestvust kui ka aitab saavutada nii energiatõhususe kui sisekliima osas seatud eesmärke. Standardis on esitatud valik õhulekete vähendamise meetmeid. Tuleb arvestada, et see loetelu ja lahendused pole lõplikud ning lisaks võib piirdetarindite õhupidavust tagada ka muude lahendustega, mille toimivust on uuritud ja dokumenteeritult tõestatud. Arvestades objekti eripärasid ning kasutusele võetavate ruumide eesmärki, tuleb projekteerimisel ja ehitamisel läheneda juhtumipõhiselt.

Keel: et

Arvamusküsitluse lõppkuupäev: 29.08.2025

97 OLME. MEELELAHUTUS. SPORT

EN 60531:2000/prAB:2025

Household electric thermal storage room heaters - Methods for measuring performance

Applies to electric storage heaters intended to heat the room in which they are located. It defines the main performance characteristics and describes methods for measuring these characteristics. It does not apply to heating appliances incorporated in the building structure, to central heating systems or to floor heating appliances.

Keel: en
Alusdokumendid: EN 60531:2000/prAB:2025
Muudab dokumenti: EVS-EN 60531:2002

Arvamusküsitluse lõppkuupäev: 29.08.2025

EN 60675:1995/prAB:2025

Household electric direct-acting room heaters - Methods for measuring performance

Applies to electric direct-acting room heaters. They may be portable, stationary, fixed or built-in. It defines the main performance characteristics and the methods for measuring these characteristics. For thermal-storage room heaters, see IEC 60531.

Keel: en
Alusdokumendid: EN 60675:1995/prAB:2025
Muudab dokumenti: EVS-EN 60675:2002

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 1069-1

Water slides - Part 1: Safety requirements and test methods

This document is applicable to all water slides for public use installed at open water areas or in swimming pools. This document specifies general safety requirements for water slides for public use installed at open water areas or in swimming pools and specific requirements for defined types of water slides. These specific safety requirements are also applicable to undefined types as far as possible. These requirements concern safety and the technical rules for design, calculation and testing.

Keel: en
Alusdokumendid: prEN 1069-1
Asendab dokumenti: EVS-EN 1069-1:2017+A1:2019

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN 1069-2

Water slides - Part 2: Instructions

This document is applicable to all water slides for public use, installed at open water areas or in swimming pools. This document establishes the instructions for use, operation, and maintenance as well as the documentation of water slides.

Keel: en
Alusdokumendid: prEN 1069-2
Asendab dokumenti: EVS-EN 1069-2:2017

Arvamusküsitluse lõppkuupäev: 29.08.2025

prEN ISO 19424

Refrigerated food lockers - Thermal and energy performance, ratings, environmental test conditions and associated testing methods (ISO/DIS 19424:2025)

This standard specifies requirements for the thermal and energy performance of refrigerated food lockers, in given environmental conditions and intended for the temporary cold storage of chilled or frozen pre-ordered or pre-selected foodstuff until the final collection by the consumer. The standard also covers construction characteristics relevant for the thermal and energy performance. This standards specifies tests conditions and methods for checking the requirements to be satisfied, as well as classification of refrigerated lockers, their marking and the list of characteristics to be declared by the manufacturer. This standard is not applicable to refrigerated vending machines, It is also not applicable for commercial beverage coolers covered by ISO 22044, ice cream freezers covered by ISO 22043 and refrigerated display cabinets covered by ISO 23953 as well as to cabinets intended for storage or cabinets intended for use, for instance, in catering or non-retail refrigerated applications. The standard does not cover any safety aspects. The standard is not intended to specify the correct and/or hygienically safe storage temperatures for a specific foodstuff.

Keel: en
Alusdokumendid: ISO/DIS 19424; prEN ISO 19424

Arvamusküsitluse lõppkuupäev: 29.08.2025

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.

CEN ISO/TR 22100-5:2022

Masinaohutus. Seos standardiga ISO 12100. Osa 5: Tehisaru masinõppe järelmid

See dokument käsitleb, kuidas tehisaru masinõpe võib mõjutada masinate ja masinasüsteemide ohutust. See dokument kirjeldab, kuidas saab riskihindamise protsessis arvesse võtta masinates või masinasüsteemides tehisaru (AI) masinõppe rakendustega, mis on kavandatud toimima teatud piirides, seotud ohte. See dokument ei ole rakendatav masinate või masinasüsteemide kohta, millel on tehisaru masinõppe rakendused, mis on kavandatud toimima väljaspool kindlaksmääratud piire ja millel võivad olla ettearvamatud tagajärjed. See dokument ei käsitle tehisaruga ohutussüsteeme, näiteks ohutusega seotud andureid ja muid juhtimissüsteemide ohutusega seotud osi.

Keel: et
Alusdokumendid: ISO/TR 22100-5:2021; CEN ISO/TR 22100-5:2022

Kommenteerimise lõppkuupäev: 30.07.2025

EVS-EN 1482-3:2024

Väetised, lubiained ja inhibiitorid. Proovide võtmine ja proovide ettevalmistamine. Osa 3: Proovide võtmine staatilistest kuhjadest

Käesolev dokument on kohaldatav järgmiste tahkete anorgaaniliste väetiste ja lubiväetiste proovivõtule, mida tarnitakse või mis on tarnimiseks valmis ja ladustatud statsionaarsetes kuhjades: — Ühe toitainega väetised — Ühtlased kompleksväetised — Jahvatatud, granuleeritud või süvendatud lubiväetised — Kõik muud tooted, mis on standardi käesolevas osas kirjeldatud meetodil proovide võtmiseks sobivaks tunnistatud, st ühtlased ja mitteeralduvad tooted, eesmärgiga testida vastavust õiguslikele nõuetele ja muudele kirjeldustele ning deklaratsioonidele. MÄRKUS 1 Terminit "toode" kasutatakse kogu selle dokumendi sisus ja selle all mõistetakse väetisi, lubiaineid ja inhibiitoreid, kui ei ole märgitud teisiti. MÄRKUS 2 Tootjad, importijad ja müüjad võivad valida selle meetodi kasutamise, et võtta proove ka muudest toodetest või segudest, kui mõlemad tehingu osapooled on sellega nõus. Statsionaarse kuhja moodustamine põhjustab sageli granulomeetrilist segregatsiooni, mis muudab tõeliselt representatiivse proovi saamise paljudest toodetest ja segudest ebatõenäoliseks. MÄRKUS 3 Tootjate, importijate ja müüjate vastutuseks on siiski tagada, et nad tarnivad toote, mis vastab selle märgistusel olevale deklaratsioonile tarnimise hetkel ja täidab lõppkasutaja ootusi kasutamise hetkel. MÄRKUS 4 Sõelumisproovi saamise meetod statsionaarsest kuhjast on esitatud lisas B.

Keel: et
Alusdokumendid: EN 1482-3:2024

Kommenteerimise lõppkuupäev: 30.07.2025

EVS-EN ISO 16834:2025

Keevitusmaterjalid. Keevitustraadid, traadid, vardad ja keevismetallid kõrgtugevate teraste kaitsegaaskaarkeevituseks. Liigitus

Selles dokumendis määratletakse nõuded keevitustraatide, traatide, varraste, puhaste keevismetallide liigitamiseks keevitusjärgses seisundis ja keevitusjärgse termotöötluse järgses (PWHT) seisundis kõrgtugevatele terastele minimaalse voolavuspiiriga üle 500 MPa või minimaalse tõmbetugevusega üle 570 MPa kaitsegaaskaarkeevitusele (gas shielded metal arc welding) ja TIG-keevitusele. Üks keevitustraat võib olla katsetatud ja liigitatud erineva kaitsegaasi jaoks. See dokument sisaldab kombineeritud määratlust, andes liigituse, mis kasutab puhtal keevismetalli voolavuspiiril ja keskmisel löögienergial (purustustööl) 47 J põhinevat süsteemi või keevismetalli tõmbetugevusel ja keskmisel 27 J löögienergial põhinevat süsteemi. a) Liitega „süsteem A“ peatükid, jaotised ja tabelid on rakendatavad ainult keevitustraatidele, traatidele, varrastele ja keevismetallile, mis on vastavuses selle dokumendiga liigitatud puhta keevismetalli voolavuspiiri ja keskmisel 47 J löögienergial põhineva süsteemi järgi. b) Liitega „süsteem B“ peatükid, jaotised ja tabelid on rakendatavad ainult keevitustraatidele, traatidele, varrastele ja keevismetallidele, mis on vastavuses selle dokumendiga liigitatud puhta keevismetalli tõmbetugevuse ja keskmisel 27 J löögienergial põhineva süsteemi järgi. c) Ilma liiteta „süsteem A“ või „süsteem B“ peatükid, jaotised ja tabelid on rakendatavad kõikidele keevitustraatidele, traatidele, varrastele ja keevismetallidele, mis on liigitatud selle dokumendi kohaselt. Lisa A annab infot elektroodide keemilise koostise kirjelduse tähistuste kohta liigitamise süsteemis, mis põhineb tõmbetugevusel ja keskmisel 27 J löögienergial - süsteem B-l.

Keel: et
Alusdokumendid: ISO 16834:2025; EN ISO 16834:2025

Kommenteerimise lõppkuupäev: 30.07.2025

prEN 590

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid

See dokument sätestab turustatavale ja tarnitavale diislikütusele esitatavad nõuded ja katsemeetodid. Standard kehtib diislikütusele, mida kasutatakse kuni 7 mahu% rasvhappe metüülestreid (Fatty Acid Methyl Ester, FAME) sisaldava diislikütuse jaoks konstrueeritud diiselmootoriga sõidukites. MÄRKUS Kõnealuses dokumendis kasutatakse massiosade ja mahuosade

eristamiseks vastavalt tähiseid „% (m/m)“ ja „% (V/V)“. EE MÄRKUS Selles Eesti standardis kasutatakse vastavalt tähiseid „massi%“ ja „mahu%“.

Keel: et
Alusdokumendid: prEN 590

Kommenteerimise lõppkuupäev: 30.07.2025

prEN ISO 14555

Keevitamine. Metallmaterjalide tihvtkaarkeevitus

See dokument hõlmab metallmaterjalide tihvtkaarkeevitust, millele mõjuvad staatilised ja väsimuskoormused. Ka määratleb see dokument nõuded, mis on eriomased tihvtkeevitusele keevitusalaste teadmiste, kvaliteedinõuete, keevitusprotseduuri spetsifikatsiooni, keevitusprotseduuri kvalifitseerimise, operaatorite kvalifitseerimistestide ja tootmiskeeviste katsetamisega. See dokument on kohaldatav juhtudel, kui on vaja tõendada tootja võimekust toota määratletud kvaliteediga keeviskonstruktsioone. MÄRKUS Üldised kvaliteedinõuded metallmaterjalide sulakeevitusele on toodud standardites ISO 3834 1, ISO 3834 2, ISO 3834 3, ISO 3834 4 ja ISO 3834 5. See dokument on ette valmistatud laiahaardeliselt eesmärgiga, et seda kasutada viitena lepingutes. Selles sisalduvad nõuded võivad olla omaks võetud täielikult või osaliselt, kui teatud nõuded ei ole asjakohased erikonstruktsioonidele (vaata Lisa A). Tihvtkeevituse tööpiirkond on leitav Lisas B.

Keel: et
Alusdokumendid: ISO/DIS 14555; prEN ISO 14555

Kommenteerimise lõppkuupäev: 30.07.2025

prEN ISO 14732

Keevituspersonal. Keevitusoperaatorite ja keevitusseadistajate kvalifitseerimine metalsete materjalide mehhaniseeritud ja automaatkeevitamisel

See dokument määratleb keevitusoperaatorite ja keevispaigaldajate kvalifikatsiooninõuded metallmaterjalide mehhaniseeritud ja automaatseks keevitamiseks. See dokument ei kehti töötajatele, kes: — ärge kontrollige ega reguleerige keevitusparameetreid; — ei ole seotud keevitusseadmete seadistamisega. Keevitusoperaatorite ja keevisseadjate kvalifikatsioon hõõrdkeevituse ja hõõrdsegamise punktkeevituse jaoks on hõlmatud vastavalt ISO 25239-3 ja ISO 18785-3.

Keel: et
Alusdokumendid: prEN ISO 14732; ISO/DIS 14732:2024

Kommenteerimise lõppkuupäev: 30.07.2025

prEVS-EN 16510-2-10

Jätkukütmisega halupuudega köetavad saunaahjud. Nõuded ja katsemeetodid

Seda dokumenti kohaldatakse jätkukütmisega halupuudega köetavatele saunaahjudele, kus kerisekivid on tulest eraldatud ja kaudselt köetavad tuleleegi ning suitsugaasidega ja millele võib kütust lisada mitme portsjoni (ahjutäie) kaupa. Seadmete kasutusotstarve on ruumide kütmine elamutes. Köetav ruum on saunaruum, mida köetakse lühiajaliselt tavalisest kõrgemale toatemperatuurile heaolu ja saunaskäigu eesmärgil. Neid jätkukütmisega saunaahjusid võib tarnida kas kokkumonteerituna või monteeritakse eelnevalt tootja projekti alusel valmistatud komponendid kokku kohapeal vastavalt tootja paigaldusjuhistele. Nendes kütteseadmetes võib vastavalt juhistele põletada järgmisi tahkekütuseid: — halupuud; Seda dokumenti ei kohaldata: — mehaaniliselt toidetavatele seadmetele; — ventilaatoriga põlemisõhku andvatele seadmetele; — ühekordse täitmisega soojust salvestavatele saunaahjudele, milles kive soojendavad otseselt nende vahelt läbiminevad tuleleegid ja suitsugaasid; — ühekordsetele paigaldistele; — seadmetele, mis sisaldavad veesoojendit või on ühendatud veesüsteemiga. Selles dokumendis määratakse kindlaks protseduurid jätkukütmisega saunaahjude omaduste toimivuse püsivuse hindamiseks ja kontrollimiseks (AVCP).

Keel: et
Alusdokumendid: EN 16510-2-10:2025

Kommenteerimise lõppkuupäev: 30.07.2025

prEVS-EN IEC 60060-1

Kõrgepinge katsetehnika. Osa 1: Üldised määratlused ja katsenõuded

Standardi IEC 60060 see osa rakendub: — isolatsiooni katsetamisel alalispingega; — isolatsiooni katsetamisel vahelduvpingega; — isolatsiooni katsetamisel impulsspingega; — ülaltoodud katsetamiste kombinatsioonidel. See dokument on rakendatav katsetustaeks seadmetel, mille suurim lubatav kestevpinge Um on üle 1,0 kV vahelduvpinge korral ja 1,5 kV alalispinge korral. MÄRKUS 1 Korratavate ja oluliste tulemuste saamiseks saab nõuda alternatiivseid katseprotseduure. Sobiva katseprotseduuri valiku otsustab asjakohane tehniline komitee. MÄRKUS 2 Pingetel Um üle 800 kV ei pruugi mõned spetsiifilised protseduurid, piirhälbed ja mõõtemääramatused olla saavutatavad.

Keel: et
Alusdokumendid: IEC 60060-1:2025; EN IEC 60060-1:2025

Kommenteerimise lõppkuupäev: 30.07.2025

prEVS-EN ISO 14644-5

Puhasruumid ja nendega ühendatud kontrollitavad keskkonnad. Osa 5: Töökorraldus

See dokument määratleb nõuded töökorralduse programmi (OCP, operation control programme) loomiseks, et tagada puhasruumi tõhus toimimine ettenähtud puhtusetasemel. Töökorralduse programm hõlmab personalihaldust, personali ja materjalide sisenemist ja väljumist, puhastamist, hooldust ja seiret. See dokument määratleb töökorralduse nõuded, mis on seotud

järgmisega: — puhtusetaseme hoidmist tagavaid põhimõtteid ja tegevusprotseduure määratleva süsteemi loomine; — personali koolitamine; — statsionaarsete seadmete teisaldamine, paigaldamine ja hooldamine; — materjalide ja teisaldatavate seadmete viimine puhasruumi ja sealt välja; — puhasruumiriietuse kasutamise kava hõlmava töötajate juhendamise ja arendamise kava rakendamine; — eripuhastust käsitleva puhastuskava rakendamine; — puhasruumi hoolduskava rakendamine; — asjakohase seirekava kehtestamine. Käesoleva dokumendi lisades on esitatud lisateavet järgmise kohta: — personali juhendamine ja arenamine; — puhasruumiriietuse kandmine; — koolitus; — puhastamine. See dokument ei tegele otseselt biosaasteohjega. Selle teema kohta lisateabe saamiseks vt standardeid ISO 14698-1 ja ISO 14698-2. See dokument ei käsitle järgmisi teemasid: — töötervishoiu ja tööohutuse juhtimise aspektid, millel puudub otsene seos saasteohjega; — üksikute tegevusalade erinõuded; — erinõuded protsessides ja toodetes kasutatavate või nendega seotud seadmete ja materjalide kohta; — seadmete konstruktsiooni üksikasjad; — puhastusainete sobivus puhasruumi materjalidega.

Keel: et
Alusdokumendid: ISO 14644-5:2025; EN ISO 14644-5:2025

Kommenteerimise lõppkuupäev: 30.07.2025

prEVS-HD 60364-8-82:2025+prAA

Madalpingelised elektripaigaldised. Osa 8-82: Talitluslikud aspektid. Tootevtarbijate madalpingelised elektripaigaldised

Standardi IEC 60364 käesolev osa esitab nõuded ja soovitused jaotusvõrguga ühendatud või mitteühendatud madalpinge elektripaigaldiste kohta, mis on võimelised töötama: – kohalike toiteallikatega ja/või – kohalike salvestusseadmetega ning mis jälgivad ja juhivad kohalike ühendatud allikate energiavooge, mis tarnivad energiat: – elektrit tarbivatele seadmetele ja/või – kohalikele salvestusseadmetele ja/või – jaotusvõrkudele. Niisuguseid elektripaigaldisi nimetatakse tootevtarbija elektripaigaldisteks (prosumer's electrical installations, PEI). Käesolevad nõuded ja soovitused kehtivad nii uute paigaldiste kui ka olemasolevate paigaldiste muudatuste kohta. See dokument sisaldab ka nõudeid ja soovitusi niisuguste tarkvõrguga lõimitud paigaldiste ohutuks, tõhusaks ja korrektseks toimimiseks. MÄRKUS Turvasüsteemide elektriallikatele esitatavad nõuded on esitatud standardis IEC 60364-5-56. Teave elektrivõrguga koostoime kohta, mis tagab võrku ühendatud tootevtarbijate elektripaigaldiste elektrisüsteemi stabiilsuse, on esitatud lisas B. Käesolev dokument hõlmab saartalitlusmooduses ja üksikult toimivate (eraldiseisvate) tootevtarbija elektripaigaldiste stabiilsusega seotud nõudeid.

Keel: et
Alusdokumendid: IEC 60364-8-82:2022; prHD 60364-8-82:2022; HD 60364-8-82:2022/prAA:2024

Kommenteerimise lõppkuupäev: 30.07.2025

prEVS-ISO 55000

Varahaldus. Sõnavara, ülevaade ja põhimõtted

See dokument määratleb varahalduse terminid ning seab sisse varahalduse juhtimissüsteemi põhimõtted ja tulemused. See kirjeldab: — varahalduse ja varahalduse juhtimissüsteemi hüvesid; — varahalduse, varahalduse juhtimissüsteemi ja varaportfelli vahelist seost; — varahalduse parendamist ja küpsust. Seda dokumenti saavad kasutada igat liiki ja igas suuruses organisatsioonid igat liiki vara suhtes. Selles dokumendis ei esitata finantsjuhtimise, aruandluse, inimressursside juhtimise ega tehnilisi juhiseid konkreetsete varaliikide haldamiseks. MÄRKUS Selles dokumendis, standardites ISO 55001 ja ISO 55002, tähendab termin „varahalduse juhtimissüsteem“ vara haldamiseks kasutatavat juhtimissüsteemi.

Keel: et
Alusdokumendid: ISO 55000:2024

Kommenteerimise lõppkuupäev: 30.07.2025

prEVS-ISO 55001

Varahaldus. Varahalduse juhtimissüsteemid. Nõuded

See dokument spetsifitseerib nõuded varahalduse juhtimissüsteemile. Seda dokument on kohaldatav igat liiki ja suuruses organisatsioonidele igat liiki vara suhtes. Kooskõlas organisatsiooni varahalduse juhtpõhimõtetega kuuluvad varahalduse juhtimissüsteemi kavandatud tulemuste hulka: - varade realiseeritud väärtus organisatsioonile ja tema huvipooltele kogu varade eluea jooksul; - varahalduse eesmärkide saavutamine ja kohaldavate nõuete täitmine; - varahalduse, varahalduse juhtimissüsteemi ja varade suutlikuse järjepidev parendamine. Selles dokumendis ei esitata finantsjuhtimise, aruandluse ega tehnilisi nõudeid konkreetsete varaliikide haldamiseks. MÄRKUS Standardite ISO 55000, selle dokumendi ja ISO 55002 kontekstis tähendab termin „varahalduse juhtimissüsteem“ vara haldamiseks kasutatavat juhtimissüsteemi.

Keel: et
Alusdokumendid: 55001:2024

Kommenteerimise lõppkuupäev: 30.07.2025

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 915-1:2020

Ehitiste projekteerimise ja ehitustööde riigihangete korraldamine. Osa 1: Ehitiste projekteerimise riigihangete korraldamine
Organising Public Procurements for Design Works and Construction Works - Part 1: Organising Public Procurements for Design Works

Selles Eesti standardis antakse juhised ja soovitused, kuidas hankida ehitise projekteerimise teenust ja teisi ehitise projekteerimisega funktsionaalselt seotud ehituskonsultatsiooniteenuseid kooskõlas ning lähtuvalt riigihangete seadusest. Standardi juhised ja soovitused väljendavad ehitiste projekteerimise tegevusala toimimispõhimõtteid ning head tava. Jättes kõrvale riigihangete seadusest tulenevad nõuded ja piirangud, on projekteerimise tegevusala põhimõtted ja tavad edukalt rakendatavad ka erasektoris, sest projekteerimise, ehitustöö ja ehitiste põhiolemus ei sõltu sellest, kas tellija on või ei ole kohustatud järgima riigihangete seadust. Olemuselt on tegemist üldise juhisega, kuidas hankida ehitise projekteerimise teenust, koos keskendumisega nõuetele ja piirangutele, kui tellija peab järgima riigihangete seadust. Standardi tuumaks on selgitused ja soovitused selle tegevusala olemuse ning toimimispõhimõtete mõistmiseks ja seeläbi asjatundliku hanke korraldamiseks. Standard käsitleb ehitise projekteerimise riigihangete ettevalmistamist ja korraldamist, projekteerimise valdkonnas tegutsevale ettevõtjale kehtivaid nõudeid ning projekteerimise riigihangete alusdokumentidele esitatavaid nõudeid, soovitusi ja juhiseid. Samuti käsitletakse projekteerimise riigihangete korraldamiseks sobilikke menetlusliike, hindamiskriteeriume ning projekteerimisteenuse hankelepingu tingimusi. Riigihangete korraldamise nõuded tulenevad siseriiklikest ja Euroopa Liidu õigusaktidest ning riigihangete korraldamisel tuleb järgida õigusaktides sätestatud nõudeid. Samas ei ole standardi eesmärk detailselt selgitada riigihangete korraldamise üldpõhimõtteid ega vorminõudeid, mis on rakendatavad kõikidele juhtumitele, sõltumata hankelepingu esemest. Standard keskendub sellistele küsimustele, mis on projekteerimisteenuse ja muude ehituskonsultatsiooniteenuste tellimisel keskse tähtsusega, et rõhutada nimetatud valdkonna sisuliste küsimuste prioriteetsust riigihangete seaduses juba niigi reguleeritud formaalsete ja menetluslike küsimuste ees. Standardi käsitlusalasse kuuluvad ehitiste projekteerimise riigihanked, mis samal ajal vastavad kõikidele järgmistele tingimustele: — riigihanke objektiks on hoone, tehnovõrkude, tee, teerajatiste, haljastuse ja välisruumi kujunduslike rajatiste projekteerimine. Arvestades väga mitmekesiseid erinõudeid ning võimalikke avalik-õiguslikke kitsendusi, millega tuleb ehitiste projekteerimisel arvestada, ei kuulu standardi käsitlusalasse eriehitiste projekteerimine. Sõltumata sellest saab selle standardi põhimõtteid ja soovitusi rakendada ka eriehitiste projekteerimisel, kuid sellisel juhul tuleb lisaks arvestada vastava ehitise liigi kohta ehitusseadustikus ja muudes õigusaktides sätestatud erinõudeid; — riigihanke eeldatav maksumus on võrdne siseriikliku piirmääraga või ületab seda . Standardi käsitlusalas ei ole lihthanked ega alla lihthanke piirmäära jäävad riigihanked, sest väiksema eeldatava maksumusega riigihangete puhul näeb seadus hankijatele ette suurema otsustuspädevuse, menetluse lihtsuse ja paindlikkuse ning hankijal on ulatuslik kaalutlusruum menetlusreeglite valikul. Sõltumata sellest saab selle standardi soovitusi ja juhiseid rakendada ka lihthangete ja sellest väiksema eeldatava maksumusega hangete korral, sest projekteerimise korraldamise ja ehitusprojekti koostamise sisulised põhimõtted ei sõltu riigihanke formaalsetest menetlusreeglitest ega hanke eeldatavast maksumusest; — ehitise projekteerimise riigihange korraldatakse avatud või piiratud hankemenetlusena, võistleva dialoogina, konkurentsipõhise läbirääkimistega hankemenetlusena või väljakuulutamiseta läbirääkimistega hankemenetlusena, samuti kui ehitise ideekavandi saamiseks korraldatakse ideekonkurss. Standardi käsitlusalasse ei kuulu innovatsioonipartnerlus ega teenuste kontsessioonid; — riigihanke korraldab avaliku sektori hankija, välja arvatud juhul, kui avaliku sektori hankija sõlmib kaitse- ja julgeolekuvaldkonna hankelepingu või kui avaliku sektori hankija sõlmib hankelepingu seoses tema tegutsemisega võrgustikusektoris ning kohaldab vastavaid menetlusreegleid . Standardis ei käsitleta ka võrgustikusektori hankija hankeid seoses tema tegutsemisega võrgustikusektoris. Standardis ei käsitleta üldplaneeringute ega detailplaneeringute koostamiseks konsultatsioonihanke korraldamist ega planeeringute koostamist. Vastavas osas tuleks juhinduda Eesti Planeerijate Ühingu ja Rahandusministeeriumi koostöös valminud juhendist „Soovitused ruumilise planeerimise konsultatsioonihanke läbiviimiseks“ . Nimetatud dokumenti on kasutatud lähteinfona ka selle standardi koostamisel. Arvestades õigusloome dünaamikat, on standardi kasutamisel soovitatav üle kontrollida tekstis esitatud õigusaktide viited ning selgitada välja, kas õigusaktide sõnastust on pärast standardi jõustumist muudetud. Viited õigusaktidele on esitatud 08.06.2020 seisuga.

Pikendamisküsitluse lõppkuupäev: 30.07.2025

EVS 915-2:2020

Ehitiste projekteerimise ja ehitustööde riigihangete korraldamine. Osa 2: Ehitustööde riigihangete korraldamine
Organising Public Procurements for Design Works and Construction Works - Part 2: Organising Public Procurements for Construction Works

See Eesti standard käsitleb ehitustööde riigihangete ettevalmistamist ja korraldamist, ehitamise valdkonnas tegutsevale ettevõtjale kehtivaid nõudeid ning ehitustööde riigihangete alusdokumentidele esitatavaid nõudeid, soovitusi ja juhiseid. Samuti käsitletakse ehitustööde riigihangete korraldamiseks sobilikke kvalifitseerimistingimusi, hindamiskriteeriume ning ehitustööde hankelepingu tingimusi. Riigihangete korraldamise nõuded tulenevad siseriiklikest ja Euroopa Liidu õigusaktidest, mistõttu käsitleb standard ennekõike õigusaktides sätestatud nõudeid. Samas ei ole standardi eesmärk detailselt selgitada riigihangete

korraldamise üldpõhimõtteid ega vorminõudeid, mis on rakendatavad kõikidele juhtumitele, sõltumata hankelepingu esemest. Standard keskendub sellistele küsimustele, mis on ehitustööde tellimisel keskse tähtsusega, et rõhutada nimetatud valdkonna sisuliste küsimuste prioriteetsust riigihangete seaduses juba niigi reguleeritud formaalsete ja menetluslike küsimuste ees. Võttes arvesse riigihanke eeldatavast maksumusest sõltuvate menetlusreeglite paljusust, samuti ehitustegevust mõjutavaid muid tegureid ja nende diferentseeritust, ei ole standardi eesmärk anda soovitusi ja juhiseid ammendavalt kõikidele olukordadele, mida riigihangete seaduse või direktiivide kohaselt võidakse käsitleda ehitustööde riigihankena. Seetõttu käsitleb standard selliseid riigihankeid, mis oma rahalises väärtuses või muid kriteeriume arvestades moodustavad peamise osa Eestis korraldatud ehitustööde riigihangetest ning mis sellest tingituna on hankijate praktika ühtlustamisel keskse tähtsusega. Standardi käsitlusalasse kuuluvad ehitustööde riigihanked, mis samal ajal vastavad kõikidele järgmistele tingimustele: — riigihanke objektiks on ehitusloakohustusliku ehitise, täpsemalt ehitusloakohustusliku hoone ehitustööd (sh rajatiste ehitustööd, kui need rajatised on vajalikud püstitatava hoone teenindamiseks, on hoonega funktsionaalselt seotud ja tellitakse hoone püstitamisega sama hankelepingu raames). Muud rajatised, sh eriehitised, ei kuulu standardi käsitlusalasse, arvestades väga mitmekesiseid erinõudeid ning võimalikke avalik-õiguslikke kitsendusi, millega tuleb eriehitiste ehitamisel arvestada. Eeltoodu ei tähenda, et standardit ei võiks kohaldada ka rajatiste (sh eriehitiste) ehitustööde korral, kuid sellisel juhul tuleb lisaks arvestada vastava ehitise liigi kohta ehitusseadustikus ja muudes õigusaktides sätestatud erinõudeid; — riigihanke eeldatav maksumus on võrdne siseriikliku piirmääraga või ületab seda . Standardi käsitlusalas ei ole lihthanked ega alla lihthanke piirmäära jäävad riigihanked, sest väiksema eeldatava maksumusega riigihangete puhul näeb seadus hankijatele ette suurema otsustuspädevuse, menetluse lihtsuse ja paindlikkuse ning hankijal on ulatuslik kaalutlusruum menetlusreeglite valikul. Sõltumata sellest saab selle standardi soovitusi ja juhiseid rakendada ka lihthangete ja sellest väiksema eeldatava maksumusega hangete korral, sest ehitustööde korraldamise ja tegemise põhimõtted ei sõltu riigihanke formaalsetest menetlusreeglitest ega hanke eeldatavast maksumusest; — riigihange korraldatakse avatud või piiratud hankemenetlusena, võistleva dialoogina, konkurentsipõhise läbirääkimistega hankemenetlusena või väljakuulutamiseta läbirääkimistega hankemenetlusena. Arvestades valdkondliku praktika puudumist või selle vähesust, ei kuulu standardi käsitlusalasse innovatsioonipartnerlus ega ehitustööde kontsessioonid . Standardi eesmärk ei ole esitada sammsammulisi juhiseid eri hankemenetluste ja nendega hõlmatud menetlustoimingute läbiviimiseks, vaid anda üldised soovitused, mis on ennekõike ehitusvaldkonnaspetsiifilised ning mida on võimalik kohaldada menetlusliigist sõltumata; — riigihanke korraldab avaliku sektori hankija, välja arvatud juhul, kui avaliku sektori hankija sõlmib kaitse- ja julgeolekuvaldkonna hankelepingu või kui avaliku sektori hankija sõlmib hankelepingu seoses tema tegutsemisega võrgustikusektoris ning kohaldab vastavaid menetlusreegleid . Standardis ei käsitleta ka võrgustikusektori hankija hankeid seoses tema tegutsemisega võrgustikusektoris. Arvestades õigusloome dünaamikat, on standardi kasutamisel soovitatav üle kontrollida tekstis esitatud õigusaktide viited ning selgitada välja, kas õigusaktide sõnastust on pärast standardi jõustumist muudetud. Viited õigusaktidele on esitatud 08.06.2020 seisuga.

Pikendamisküsitluse lõppkuupäev: 30.07.2025

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 860:2020

Tehniliste paigaldiste termiline isoleerimine. Torustikud, mahutid ja seadmed. Soojusisolatsiooni teostus
Thermal insulation of technical equipment - Insulation of pipes, vessels and equipment - Application of thermal insulation

See standard kirjeldab selliste torude, mahutite ja seadmete soojusisoleerimist, kus isolatsioonimaterjalina kasutatakse mineraalvilla ja kattematerjalina lehtmetalli. Sobivuse korral võib seda standardit kasutada ka muudel isolatsioonitöödel.

Kehtima jätmise alus: EVS/TK 30 otsus 07.05.2025 2-8.2/111 ja teade pikendamisküsitlusest 15.05.2025 EVS Teatajas

EVS 860-1:2020

Tehniliste paigaldiste termiline isoleerimine. Osa 1: Torustikud, mahutid ja seadmed. Isolatsioonimaterjalid ja -elemendid
Thermal insulation of technical equipment - Part 1: Insulation of pipes, vessels and equipment. Insulationg materials and elements

See standard on osa standardisarjast „Tehniliste paigaldiste termiline isoleerimine“, mis on koostatud projekteerijatele, töövõtjatele, kuid ka isolatsioonitööde tellijatele. Standard käsitleb vajalikku põhiteavet tehniliste paigaldiste termilise isoleerimise projekteerimiseks ja paigaldamiseks.

Kehtima jätmise alus: EVS/TK 30 otsus 07.05.2025 2-8.2/111 ja teade pikendamisküsitlusest 15.05.2025 EVS Teatajas

EVS 860-2:2015

Tehniliste paigaldiste termiline isoleerimine. Osa 2: Torustikud, mahutid ja seadmed. Järelevalve ja mõõtmine
Thermal insulation of technical equipment - Part 2: Insulation of pipes, vessels and equipment - Inspection and measurement

See standard on osa „Tehniliste paigaldiste termilise isoleerimise“ standardisarjast, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. See standard annab juhiseid, kuidas teostada järelevalvet ja kontrollmõõtmisi torustike, mahutite ja seadmete soojusisolatsioonitööde kvaliteedile, nii tööde ajal kui ka tööde vastuvõtmisel.

Kehtima jätmise alus: : EVS/TK 30 otsus 07.05.2025 2-8.2/111 ja teade pikendamisküsitlusest 15.05.2025 EVS Teatajas

EVS 860-6:2020

Tehniliste paigaldiste termiline isoleerimine. Osa 6: Torustikud, mahutid ja seadmed. Külmaisolatsioon
Thermal insulation of technical equipment - Part 6: Insulation of pipes, vessels and equipment - Cold insulation

See standard on osa standardisarjast „Tehniliste paigaldiste termilise isoleerimine“, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. See standard käsitleb olulisemaid faktoreid, mida tuleb järgida tehniliste paigaldiste külmaisolatsiooni projekteerimisel, teostamisel ja materjalide valikul

Kehtima jätmise alus: EVS/TK 30 otsus 07.05.2025 2-8.2/111 ja teade pikendamisküsitlusest 15.05.2025 EVS Teatajas

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 12118:1999

Plasttorustikusüsteemid. Niiskusesisalduse kindlaksmääramine termoplastides kulomeetrilisel meetodil

Plastics piping systems - Determination of moisture content in thermoplastics by coulometry

Käesolev standard esitab meetodi termoplastide niiskusesisalduse kindlaksmääramiseks. Käesolev meetod kehtib ainult nende termoplastide kohta, mille sulamispunkt on alla 160 °C. Meetod sobib kuni 0,005% niiskuse mõõtmiseks.

Keel: en
Alusdokumendid: EN 12118:1997
Tühistamisküsitluse lõppkuupäev: 30.07.2025

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 71-2:2020+A1:2025

Mänguasjade ohutus. Osa 2: Süttivus
Safety of toys - Part 2: Flammability

Eeldatav avaldamise aeg Eesti standardina 10.2025

EN ISO 15630-3:2025

Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel (ISO 15630-3:2025)

Eeldatav avaldamise aeg Eesti standardina 08.2025

AVALDATUD EESTIKEELSED STANDARDIPARANDUSED

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

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

EVS-EN ISO 6946:2017/AC:2025

Hoonete piirdetarindid ja komponendid. Soojustakistus ja soojusläbivus. Arvutusmeetodid
Building components and building elements - Thermal resistance and thermal transmittance - Calculation methods

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN ISO 14403-1:2012

Vee kvaliteet. Üldtsüaniidi ja vaba tsüaniidi määramine vooluanalüüsiga (FIA ja CFA). Osa 1: Voogsisestusanalüüsi (FIA) meetod

Water quality - Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) - Part 1: Method using flow injection analysis (FIA) (ISO 14403-1:2012)

Standardi ISO 14403 see osa täpsustab meetodeid tsüaniidi määramiseks eri tüüpi vees (näiteks põhjavees, joogivees, pinnavees, nõrgvees ja reovees), kus tsüaniidi kontsentratsioon lahjendamata proovis on 2 µg/l kuni 500 µg/l, väljendatuna tsüaniidiioonidena. Rakendusvahemikku saab muuta töötingimuste muutmise teel, nt lahjendades algset proovi või kasutades erinevat sisestamise ruumala. Selles ISO 14403 osas on sobiv massikontsentratsiooni vahemik 20 µg/l kuni 200 µg/l. Merevett saab analüüsida tundlikkuse muutmisega ning kohandades reagendi ja kalibreerimislahuste soolsusi proovide omadega.

EVS-EN ISO 9612:2025

Akustika. Müraekspositsiooni määramine töökeskkonnas. Metoodika

Acoustics - Determination of occupational noise exposure - Methodology (ISO 9612:2025)

Selles dokumendis kirjeldatakse meetodit töötajate müraekspositsiooni mõõtmiseks töökeskkonnas ja müraekspositsiooni taseme arvutuseks. Dokument käsitleb A-kaalutud tasemeid, kuid on kasutatav ka C-kaalutud tasemete puhul. Kirjeldatud on kolme erinevat mõõtemeetodit. See meetod on rakendatav müraekspositsiooni üksikasjalikes uuringutes, kuulmiskahjustuste epidemioloogilistes või muude soovimatute mõjude uuringutes. Selleks, et mõõtmiste kvaliteet oleks kontrollitav, on mõõteprotsessi käigus vaja teha müra ekspositsioonitingimuste uuringud ja analüüs. Dokument sätestab meetodid tulemuste määramatuse hindamiseks. Dokument pole mõeldud suulist kommunikatsiooni maskeeriva või infraheli, ultraheli ja müra mittekuuldavate mõjude hindamiseks. Dokument pole rakendatav kuulmiskaitsevahenditega kaitstud kõrva müraekspositsiooni mõõtmises. Selle dokumendi kohaselt läbi viidud mõõtetulemused võivad pakkuda olulist informatsiooni müra järelevalvemeetmete prioriteetide määramisel.

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 ISO 14403-1:2012	Water quality - Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) - Part 1: Method using flow injection analysis (FIA) (ISO 14403-1:2012)	Vee kvaliteet. Üldtsüaniidi ja vaba tsüaniidi määramine vooluanalüüsiga (FIA ja CFA). Osa 1: Voogsisestusanalüüsi (FIA) meetod